

Search Summary

Query : ("International Conference on Electronic Business" 2007) WN All fields)

Type : Quick

Results : 85

Database(s) : Compendex & Inspec

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1. Inter-organizational process integration problems

Accession number: 20130716014172

Authors: Goethals, Frank G. (1)

Author affiliation: (1) IESEG School of Management, France

Corresponding author: Goethals, F.G.(f.goethals@ieseg.fr)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Issue title: ICEB 2007 - Proceeding of the 7th International Conference on Electronic Business: "Service Innovation and Value Creation in Experience Economy"

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Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: In this paper, we discuss eight high-level problems that show up when partnering companies decide to set up cross-organizational processes. It is important in practice to be aware of the existence of these problems and to deal with each of these problems. The problems concern the facts that it is difficult to agree on pre and postconditions of tasks, that parties need to agree on how to trigger task executions, that investments have to be distributed among the parties, that service levels should be agreed upon, that partners should preserve the value of the functions that are executed in the process, that process ownership must be considered at an inter-organizational level and that partners may change over time.

Number of references: 19

Main heading: Electronics industry

Controlled terms: Electronic commerce

Uncontrolled terms: Cross-organizational - Inter-organizational - Inter-organizational process - Preconditions and postconditions - Process ownership - Service levels - Task executions

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

2. E-procurement framework for a successful e-reverse auction

Accession number: 20130716014228

Authors: Rotchanakitumnuai, Siriluck (1)

Author affiliation: (1) Thammasat University, Thailand

Corresponding author: Rotchanakitumnuai, S.(rsiriluck@yahoo.com)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: This research applies the balanced scorecard concept to measure the success factors of e-procurement adoption. The survey results show that organization learning is determined by service capability, organization support policy, good governance intention, and organization readiness factors. The internal process improvement and employees' satisfaction can be identified by service capability and organization support policy. Trust in e-procurement online intermediaries has no impacts on the four measures of the balanced scorecard. Employees' satisfaction has the strongest impact on financial cost improvement but organization support policy has a negative impact on financial performance improvement.

Number of references: 17

Main heading: Electronic commerce

Controlled terms: Electronics industry - Personnel - Strategic planning - Surveys

Uncontrolled terms: Balanced scorecards - e-Procurement - E-reverse auctions - Financial performance - Organization learning - Process Improvement - Service capability - Success factors

Classification code: 723.5 Computer Applications

Computer Applications

- 912.2 Management

Management

- 912.4 Personnel

Personnel

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

3. Critical success factors for ERP implementation: A content analysis of empirical findings

Accession number: 20130716014177

Authors: Chang, She-I. (1); Hung, Yu-Chung (1); Tsao, Hsiu-Hui (1)

Author affiliation: (1) National Chung Cheng University, Taiwan

Corresponding author: Chang, S.-I.(actsic@ccu.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Language: English

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Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: Enterprise resource planning (ERP) systems are software packages that allow companies to have greater real time visibility and control over their operations. Through a review of the ERP literature, seven critical success factors (CSFs) were identified based on the study of Nah and Delgado (2006). Content analysis was then employed on 16 published articles that reported CSFs for ERP. Correspondingly, this paper aimed to combine various results in order to determine the CSFs that contribute to success in the implementation of ERP systems. We found that the ERP CSFs referred to top management support and championship in a majority of articles, while communication was less mentioned.

Number of references: 38

Main heading: Enterprise resource planning

Controlled terms: Electronic commerce - Electronics industry - Real time systems - Resource allocation

Uncontrolled terms: Content analysis - Critical success factor - Empirical findings - Enterprise resource planning systems - ERP implementation - ERP system - Real-time visibility - Top management support

Classification code: 722.4 Digital Computers and Systems

Digital Computers and Systems

- 723.2 Data Processing and Image Processing

Data Processing and Image Processing

- 723.5 Computer Applications

Computer Applications

- 912.2 Management

Management

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

4. An exploratory research on online music piracy and consumer behavior

Accession number: 20130716014183

Authors: Shi, Xinping (1); Liao, Ziqi (1); Hung, Bill Wan Sing (1)

Author affiliation: (1) Hong Kong Baptist University, Hong Kong, Hong Kong

Corresponding author: Shi, X.(xpshi@hkbu.edu.hk)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB 2007 - Proceeding of the 7th International Conference on Electronic Business: "Service Innovation and Value Creation in Experience Economy"

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Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: This paper explores consumer behaviour associated with the possibility of online music piracy. A research model has been systematically developed to examine a number of variables in relation to consumer attitudes towards online music piracy. The model has also been tested using empirical data collected from individual consumers. The results show that music content, Internet skill, convenience and potential penalty are major factors of individual attitudes towards online music piracy. In addition, these factors together with subjective norms have significant impacts on individual intentions to obtain music products through unjustified online channels. The findings have practical implications for managing online digital music products and services.

Number of references: 8

Main heading: Consumer behavior

Controlled terms: Computer crime - Crime - Electronic commerce - Electronics industry

Uncontrolled terms: Attitudes and intentions - Consumer attitudes - Exploratory research - Online channels - Online music - Piracy - Products and services - Research models

Classification code: 723.5 Computer Applications

Computer Applications

- 931.3 Atomic and Molecular Physics

Atomic and Molecular Physics

- 971 Social Sciences

Social Sciences

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

5. A synthetical approach for blog recommendation mechanism: Trust, social relation, and semantic analysis

Accession number: 20130716014163

Authors: Li, Yung-Ming (1); Chen, Ching-Wen (1)

Author affiliation: (1) National Chiao Tung University, Taiwan

Corresponding author: Li, Y.-M.(yml@mail.nctu.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB 2007 - Proceeding of the 7th International Conference on Electronic Business: "Service Innovation and Value Creation in Experience Economy"

Issue date: 2007

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Language: English

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Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: Weblog is a good paradigm of online social network which constitutes web-based regularly updated journals with reverse chronological sequences of dated entries, usually with blogrolls on the sidebars, allowing bloggers link to favorite site which they are frequently visited. In this study we propose an elaborate blog recommendation mechanism that combines trust model, social relation and semantic analysis and illustrate how it can be applied to a prestigious online blogging system - Wretch in Taiwan. By preliminary results of experimental study, we found some implications and empirically prove some theories in domain of social networking, and the example reveals that the proposed recommendation mechanism is quite feasible and promising.

Number of references: 17

Main heading: Blogs

Controlled terms: Backpropagation - Electronic commerce - Electronics industry - Iridium - Security of data - Semantics - Social networking (online)

Uncontrolled terms: Back propagation neural networks - Blogospheres - Chronological sequences - On-line social networks - Recommendation mechanism - Semantic analysis - Social relations - Trust modeling

Classification code: 547.1 Precious Metals

Precious Metals

- 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

6. See: Extending service engineering methodology for achieving experience innovation

Accession number: 20130716014226

Authors: Lin, Raymund J. (1)

Author affiliation: (1) Institute for Information Industry, Taiwan

Corresponding author: Lin, R.J.(raymund@iii.org.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: This study is concerned with improving the Service Engineering methodology for experience-oriented service systems. It critiques the Service Engineering methodology based on the motivating example of automotive navigation service system design, and it describes the Service Experience Engineering (SEE) methodology, which extends Service Engineering by making three improvements, namely the use of formal models of experiences, service-experience requirement analysis, and the simulation of service experiences. The example presented here demonstrates that SEE can help capture context-wide service-experience requirements and translate them into functional requirements. This study further indicates that a methodology for engineering service experiences is possible and promising.

Number of references: 24

Main heading: Electronics industry

Controlled terms: Electronic commerce

Uncontrolled terms: Engineering service - Functional requirement - Methodology - Navigation service - Requirement analysis - Service design - Service engineering - Service experience

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

7. Is alignment discussion: A classification framework

Accession number: 20130716014215

Authors: Hung, Wei-Hsi (1); Jou, Jau-Jeng (2)

Author affiliation: (1) National Chung Cheng University, Taiwan; (2) National Sun Yat-Sen University, Taiwan

Corresponding author: Hung, W.-H.(fhung@mis.ccu.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: Information system (IS) alignment has been one of the most important topics recognized by management since the last decade. However, it is a complex concept. Although some classification frameworks and guidelines have been suggested, they are only useful to understand the nature of alignment constructs and the types of relationships between them. None of them classifies the ways of discussing alignment results which are the final outcomes of an alignment assessment that describe the extent and appropriateness of various constructs to one another. This paper suggests a framework to help understand how alignment results can be discussed, which includes four perspectives. It is expected that the framework can help not only readers understand IS alignment research, but also IS researchers initiate appropriate alignment research projects. Several future research projects based on this framework are also revealed.

Number of references: 59

Main heading: Electronics industry

Controlled terms: Electronic commerce - Information management

Uncontrolled terms: Classification framework - IS strategy - Strategic alignment

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

8. Creating successful travel guide services innovation through wireless technology adoption: The tam perspective

Accession number: 20130716014233

Authors: Tseng, Paul T.Y. (1)

Author affiliation: (1) Tatung University, Taiwan

Corresponding author: Tseng, P.T.Y.(paul@ttu.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

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Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: This paper's research starts at consumer experience, examining 'relative advantage' effects of new technologies and business models. By stimulating experienced economy development as well as construct novel business models for the recreational industry, this paper's research targeted the Taipei populace in the survey process, being as the city is the global leader in WLAN accessibility, possessing the largest scope of WI-FI network. Extensive analysis of the 240 returned surveys affirms the level of acceptance to mobile guide services. Surveyed Taipei citizens showed positive response to vital factors such as operating convenience, usage security, and cost. Evaluation of such feedback indicates directions for business models, guiding to increase service usage willingness. Research pinpointed significant attributes, such as saved-costs in information storage, improved time/location convenience, secure transmission mechanisms, and reliable privacy-rights policies.

Number of references: 24

Main heading: Mobile commerce

Controlled terms: Electronics industry - Surveys - Wi-Fi - Wireless local area networks (WLAN)

Uncontrolled terms: Business models - Mobile travel guide services - Privacy rights - Secure transmission - Technology acceptance model - Tourism services - Wi Fi networks - Wireless technologies

Classification code: 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

9. The influence of advertising to the purchase intention of mobile phone in Taiwan

Accession number: 20130716014209

Authors: Linn, Kyaw Phyo (1); Chen, Jeng-Chung (1); Ross, William H. (2)

Author affiliation: (1) National Cheng Kung University, Taiwan; (2) University of Wisconsin, La Crosse, United States

Corresponding author: Linn, K.P.(me@mykpl.com)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

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Pages: 331-336

Language: English

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Document type: Conference article (CA)

Conference name: 7th International Conference on Electronic Business, ICEB 2007

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Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: Consumer purchase intention is one of the key factors affecting companies advertising strategy. Advertising is a pervasive influence in our daily lives. It is urged that, to enhance communication and persuasion, marketers should seek a cognitive, affective, brand attitude or behavioral response through the exposure of advertisement. This paper is to study how ways of advertising influence on the purchase intention of Taiwan University students. Each person could have different reasons and motifs (preference) in choosing brand of mobile phones. Therefore, it is interesting to explore the influence of advertising to the purchase intention of Taiwan university students. Three questions are asked; How Taiwan university students react to the advertising? What factors influence the purchase intention of Taiwan university students? And what are the students' reactions to brand attitude?

Number of references: 41

Main heading: Purchasing

Controlled terms: Cellular telephones - Cellular telephones - Consumer behavior - Electronic commerce - Electronics industry - Marketing - Sales - Students

Uncontrolled terms: Advertising strategy - Behavioral response - Brand - Consumer purchase - Daily lives - Purchase intention - University students

Classification code: 718.1 Telephone Systems and Equipment

Telephone Systems and Equipment

- 723.5 Computer Applications

Computer Applications

- 911.4 Marketing

Marketing

- 931.3 Atomic and Molecular Physics

Atomic and Molecular Physics

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

10. 'Beauty lies in the eyes of the beholder': Why and how island tourists look at smte websites

Accession number: 20130716014205

Authors: Victor Anandkumar, S. (1); Armstrong Jeyakumar, S. (2)

Author affiliation: (1) Pondicherry University, India; (2) Majan University College, Oman

Corresponding author: Victor Anandkumar, S.(victor.dms@pondiuni.edu.in)

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Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: This research examined the information needs of small and medium tourism enterprise (SMTE) customers sampled from two popular island destinations in the Indian Ocean. It also identified their motivations and inhibitions in using the Internet. A study of the website navigation behavior showed that the appeal mix and multimedia mix features were accessed more than the offering mix features. The association between the tourism products bought online and the purchase motivations was mapped using correspondence analysis. The online buyers of "accommodation" and "attractions" were motivated by transactional objectives while the "access" and auxiliary product buyers by informational uses.

Number of references: 22

Main heading: Websites

Controlled terms: Electronic commerce - Electronics industry - Motivation - Sales - Tourism

Uncontrolled terms: Correspondence analysis - Indian ocean - Navigation behavior - Online motivations and inhibitions - Tourist information needs

Classification code: 723.5 Computer Applications

Computer Applications

- 912.4 Personnel

Personnel

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

11. Does non-innovative technology explain the "IT productivity paradox"?

Accession number: 20130716014234

Authors: Hung, Chia-Sheng (1)

Author affiliation: (1) Kunshang University, Taiwan

Corresponding author: Hung, C.-S.(eco0303@gmail.com)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: Contrary to theoretical arguments that suggest a positive association between investment in IT and improved financial performance, some empirical evidences suggested that no statistical association between IT spending and financial performance. This phenomenon is known as the "IT productivity paradox" Dos Santos et al. [21] argued that non-innovative technologies are not likely to improve a firm's market value or financial performance. Automatic teller machines (ATMs) are one of the well-known and non-innovative representatives of IT investment. By examining the relationship between ATMs investment and financial measures, we find that ATMs investments improve financial performance and lower cost rates, but no consistent conclusion on the measures of growth. Contrary to Dos

Santos et al. [21] which argued that non-innovative technologies are not likely to improve a firm's market value or financial performance. The empirical results show that the phenomenon of "IT productivity paradox" does not come out in this case. The non-innovative technologies do not always result in productivity paradox.

Number of references: 40

Main heading: Investments

Controlled terms: Electronic commerce - Electronics industry - Productivity

Uncontrolled terms: Automatic teller machine (ATMs) - Financial measures - Financial performance - Innovative technology - IT investments - IT productivity - Productivity paradox - Theoretical arguments

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

12. Applying particle swarm optimization to solve portfolio selection problems

Accession number: 20130716014165

Authors: Deng, Guang-Feng (1); Chen, Chuen-Lung (1)

Author affiliation: (1) National Chengchi University, Taiwan

Corresponding author: Deng, G.-F.(95356502@nccu.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Pages: 42-46

Language: English

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Document type: Conference article (CA)

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Conference location: Taipei, Taiwan

Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: Particle swarm optimization (PSO), introduced by Kennedy and Eberhart in 1995, is a social population-based search algorithm and is generally similar to the evolutionary computation techniques that have been successfully applied to solve various hard optimization problems. The standard Markowitz mean-variance approach to portfolio selection involves tracing out an efficient frontier, a continuous curve illustrating the tradeoff between return and risk. In this paper we applied the particle swarm approach to find an efficient frontier associated with the classical and general (unconstrained and constrained) mean-variance portfolio selection problem. The OR library data sets were tested in our paper and computational results showed that the PSO found better solutions when compared to genetic algorithm (GA), simulated annealing(SA), and tabu search(TS).

Number of references: 12

Main heading: Particle swarm optimization (PSO)

Controlled terms: Electronic commerce - Electronics industry - Genetic algorithms - Simulated annealing - Tabu search

Uncontrolled terms: Computational results - Efficient frontier - Evolutionary computation techniques - Mean-variance approach - Mean-variance portfolios - Optimization problems - Portfolio selection - Portfolio selection problems

Classification code: 537.1 Heat Treatment Processes

Heat Treatment Processes

- 723.5 Computer Applications

Computer Applications

- 921.5 Optimization Techniques

Optimization Techniques

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

13. A proposed model for the investigation of imitation behavior on ERP adoption

Accession number: 20130716014229

Authors: Lai, Vincent S. (1); Liu, Connie K.W. (1); Du, Timon (1)

Author affiliation: (1) Chinese University of Hong Kong, Hong Kong

Corresponding author: Lai, V.S.(vlai@cuhk.edu.hk)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Language: English

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Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: In the proposed project, we will investigate the imitation effect on technology adoption using Enterprise Resource Planning (ERP) systems as an example. This approach will offer a completely new perspective on IT adoption as a less rational behavior, even for critical ERP investment at the organizational level. Along with this investigation of the imitation-adoption relationship, our research will evaluate the moderating effect of experience on imitation behavior. We believe that imitation behavior will be strongest when an organization is considering ERP for initial adoption. However, when an organization has accumulated "experience" of ERP over time, its adoption of subsequent ERP modules will probably follow a more rational decision process, as explained by traditional adoption theories.

Number of references: 49

Main heading: Enterprise resource planning

Controlled terms: Electronic commerce - Electronics industry

Uncontrolled terms: Decision process - Enterprise resource planning systems - ERP adoption - Imitation models - Moderating effect - Organizational levels - Rational behavior - Technology adoption

Classification code: 723.2 Data Processing and Image Processing

Data Processing and Image Processing

- 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

14. A taxonomy of consumer resale behavior in consumer-to-consumer (C2C) e-commerce: An exploratory study in Taiwan

Accession number: 20130716014214

Authors: Chu, Hsunchi (1); Liao, Shuling (1)

Author affiliation: (1) Yuan Ze University, Taiwan

Corresponding author: Chu, H.(s939606@gmail.com)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

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Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: This article draws on a phenomenological study of consumer resale behavior in consumer-to-consumer (C2C) e-commerce. We developed a taxonomy to describe consumer online resale behavior using the dimensions of "planned" or "unplanned resell" and "used" or "unused products" in order to examine the relationship between consumers' reselling and purchasing behavior. We named the four consumer resale types as 1) resale of extra purchase, 2) resale after temporary ownership, 3) unintentional resale, and 4) disposition. Further, we implemented consumer interviews to empirically examine our taxonomy. Three major implications are derived. Firstly, consumer resale behavior influences consumers' purchasing decisions. Secondly, consumer unsatisfied resale experience would damage brand image and decrease consumers' willingness to repurchase. Finally, the motivations and behavior of consumer resale behavior are multidimensional.

Number of references: 59

Main heading: Consumer behavior

Controlled terms: Electronic commerce - Electronics industry - Sales - Taxonomies

Uncontrolled terms: Brand image - Consumer resales - Exploratory studies - Purchasing behaviors - Purchasing decisions

Classification code: 723.5 Computer Applications

Computer Applications

- 903 Information Science

Information Science

- 931.3 Atomic and Molecular Physics

Atomic and Molecular Physics

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

15. Analyzing the perceived service quality factor on customer loyalty in banking industry

Accession number: 20130716014223

Authors: Abdollahi, Golrou (1, 2); Sepehri, Mohamad Mehdi (1)

Author affiliation: (1) Tarbiat Modares University, Tehran, Iran; (2) Luleå University of Technology, Luleå, Sweden

Corresponding author: Abdollahi, G.(abdgol-4@student.ltu.se)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Issue date: 2007

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Conference name: 7th International Conference on Electronic Business, ICEB 2007

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Conference location: Taipei, Taiwan

Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: Customer loyalty concept has received much attention from both academics and practitioners in different industry. Banking industry is also not excluded and because it has a highly interaction with the customers, getting

familiar with this concept would be very important and helpful for managers in defining strategies. According to the previous researches, there are many factors, which influence the customer loyalty. This article tries to define the service quality factor and its influence on the customer loyalty. In order to do this a survey was conducted among bank customers and after analyzing the answers, the results shows that service quality factor can be divided in to two separate factors which are named tangible quality and intangible quality, and both have direct influence on customer.

Number of references: 33

Main heading: Service industry

Controlled terms: Banking - Electronic commerce - Electronics industry - Image quality - Quality of service - Sales

Uncontrolled terms: Banking industry - Customer loyalty - Loyalty - Perceived Service - Perceived service qualities - Service quality factor

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

16. Perspectives from different levels of management teams on business and information systems strategies alignment - A case of Alpha Networks Inc

Accession number: 20130716014161

Authors: Yang, Chyan (1); Yang, Keng-Chieh (1); Yang, Jen-Hung (2)

Author affiliation: (1) National Chiao Tung University, Taiwan; (2) Alpha Networks Inc., Taiwan

Corresponding author: Yang, C.(professor.yang@gmail.com)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Document type: Conference article (CA)

Conference name: 7th International Conference on Electronic Business, ICEB 2007

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Conference location: Taipei, Taiwan

Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: When formulating their business strategies, companies are influenced by both the internal and external environments. Strategic alignment has been studied extensively for more than two decades, most research has focused on the strategic alignment between business strategy and information systems [9][21][24]. Few works have studied the relationship between business strategies and IS alignment from the perspective of different levels of management. This study uses questionnaires and interviews to analyze the perspectives of thirty-three managers from different departments. The findings show that the higher an executive's level, the greater the alignment perceived between the company's businesses and IS strategies.

Number of references: 33

Main heading: Information management

Controlled terms: Electronic commerce - Electronics industry - Hierarchical systems - Human resource management - Information systems - Information use - Strategic planning - Surveys

Uncontrolled terms: Business strategy - External environments - Hierarchical management - Information systems strategy - IS strategy - Management team - Strategic alignment

Classification code: 723.5 Computer Applications

Computer Applications

- 903.3 Information Retrieval and Use

Information Retrieval and Use

- 912.2 Management

Management

- 961 Systems Science

Systems Science

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

17. ERP implementation and cultural issues: A case study

Accession number: 20130716014217

Authors: Rahmati, Nasrin (1)

Author affiliation: (1) Monash University, Australia

Corresponding author: Rahmati, N.(nasrin.rahmati@infotech.monash.edu.au)

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Publication year: 2007

Pages: 380-387

Language: English

ISSN: 16830040

Document type: Conference article (CA)

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Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: Business Process Reengineering (BPR) is defined as the fundamental rethinking and radical redesign of business processes. Implementing an Enterprise Resource Planning (ERP) system involves reengineering the existing business processes to accommodate the best practices adopted by these software packages. It is also suggested that an awareness of cultural differences, both at organizational and national levels, is critical to ERP success. This paper reports on a study of BPR through ERP implementation in two Chinese medium sized manufacturing organizations. The selected organizations are the same size and have implemented the same type of ERP systems to reengineer their business processes. One of the companies is a state-owned company and the other is a private organization. The findings suggest that business processes can only reflect technical aspect from socio-technical view. Other two subsystems, human system (eg, culture, motivation, communication, willingness to change) and management system are equally important to contribute to overall organizational performance.

Number of references: 38

Main heading: Enterprise resource planning

Controlled terms: Cell culture - Electronic commerce - Electronics industry - Reengineering

Uncontrolled terms: Business process re-engineering - Cultural difference - Enterprise resource planning systems - ERP implementation - Manufacturing organizations - Organizational performance - Private organizations - State-owned companies

Classification code: 723.2 Data Processing and Image Processing

Data Processing and Image Processing

- 723.5 Computer Applications

Computer Applications

- 913.3 Quality Assurance and Control

Quality Assurance and Control

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

18. The role of process knowledge in a business process improvement methodology

Accession number: 20130716014219

Authors: Seethamraju, Ravi (1); Marjanovic, Olivera (1)
Author affiliation: (1) BPM Research Group, University of Sydney, Australia
Corresponding author: Seethamraju, R.(r.seethamraju@econ.usyd.edu.au)
Source title: Proceedings of the International Conference on Electronic Business (ICEB)
Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)
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Issue date: 2007
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Pages: 397-404
Language: English
ISSN: 16830040

Document type: Conference article (CA)

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Conference location: Taipei, Taiwan

Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: The newly established holistic approach to BPM (Business Process Management) has led to increased recognition of the knowledge and experience people develop, use and share while modelling, executing and improving their business processes. However, this knowledge perspective is often neglected by the current BP improvement methodologies. Our empirical research confirms that business process improvement is, in fact, a complex, knowledge-intensive, collaborative process that consists of a set of coordinated, contextualised knowledge management processes. This paper describes the results of our on-going research project that, among other things, aims to investigate the role of individual and collective process knowledge developed and used in a business process improvement methodology deployed in a real-life, complex organization.

Number of references: 31

Main heading: Electronics industry

Controlled terms: Coordination reactions - Electronic commerce - Enterprise resource management - Knowledge management - Process engineering

Uncontrolled terms: Bpm (business process management) - Business process improvement - Collaborative process - Knowledge and experience - Knowledge management process - Methodology - Process Improvement - Process knowledge

Classification code: 723.5 Computer Applications

Computer Applications

- 802.2 Chemical Reactions

Chemical Reactions

- 912.2 Management

Management

- 913.1 Production Engineering

Production Engineering

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

19. E-learning instruction generation approach in terms of experience economy

Accession number: 20130716014195

Authors: Yang, Jiann-Min (1); Lai, Change-Yen (1); Hsiao, Shu-Ling (1)

Author affiliation: (1) National Chengchi University, Taiwan

Corresponding author: Yang, J.-M.(jmyang@mis.nccu.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: With the trend of service innovation and experience economy, innovative services with mass customization is the right way to shift into the Experience Economy. Nowadays, E-Learning services development is limited and digital learning material inadequate is one of the most important issues in this area. By taking rapid instruction prototyping into consideration and implementing the modular architecture that offer mass customization services and rapid, then the E-Learning in terms of Experience Economy will realize rapidly. This study proposes an innovative service concept with efficiently offering reusable learning assets for accelerating learning material development. The innovative approach of E-Learning instruction generation services is illustrated and the conceptual model of proposed service framework is outlined. The major findings of this study are: E-Learning instruction generation model for effectively utilizing course contents in Web 2.0 website; conceptual model for dynamic componentization of learning assets. Finally, discussion direction for further research is proposed.

Number of references: 25

Main heading: E-learning

Controlled terms: Computer aided manufacturing - Electronic commerce - Electronics industry - Learning systems

Uncontrolled terms: Digital learning materials - Experience economy - Innovative approaches - Instruction generations - Learning assets - Mass customization - Modular architectures - Web2.0

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

20. iPRICE: A collaborative pricing model for e-service bundle delivery

Accession number: 20130716014171

Authors: Chang, Wei-Lun (1); Yuan, Soe-Tsyr (1)

Author affiliation: (1) National Chengchi University, Taiwan

Corresponding author: Chang, W.-L.(wlchang@mis.nccu.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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ISSN: 16830040

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Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: Information goods pricing is an essential and emerging topic in the era of information economy. Myriad researchers have devoted considerable attention to developing and testing methods of information goods pricing. Nevertheless, in addition; there are still certain shortcomings as the challenges to be overcome. This study encompasses several unexplored concepts that have attracted research attention in other disciplines lately, such as collaborative prototyping, prospect theory, ERG theory, and maintenance from design, economic, psychological, and software engineering respectively. This study proposes a novel conceptual framework for information goods

pricing and investigates the impact of three advantages: (1) provides collaborative process that could generate several prototypes via trial and error in pricing process, (2) deliberates the belief of consumer and producer by maximizing utility and profit, and (3) offers an appropriate service bundle by interacting with consumer and discovering the actual needs.

Number of references: 15

Main heading: Costs

Controlled terms: Electronic commerce - Electronics industry - Markov chains - Software engineering - Testing

Uncontrolled terms: Collaborative pricing - Collaborative process - Collaborative prototyping - Conceptual frameworks - ERG theory - Information economy - Information goods - Trial and error

Classification code: 723.1 Computer Programming

Computer Programming

- 723.5 Computer Applications

Computer Applications

- 911 Cost and Value Engineering; Industrial Economics

Cost and Value Engineering; Industrial Economics

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

21. Competition and integration strategy analysis of advertisement-supporting online social network related services

Accession number: 20130716014184

Authors: Li, Yung-Ming (1); Chen, Ching-Wen (1); Yeh, Yung-Shao (1)

Author affiliation: (1) National Chiao Tung University, Taiwan

Corresponding author: Li, Y.-M.(yml@mail.nctu.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: Social networking related services (SNS) become increasingly popular communication and interaction mediums over internet. As most of the SNS are free, the providers generate revenues from advertising and other extension services. This paper investigates the advertising strategy and the strategic of compatibility and co-opetition between two social networking related services. Utilizing game theoretic model, we show that the providers will benefit from both service and business integration, however, the users are always worse when SNS services are compatibly connected. The users will always gain from the quality (features) competition, however, brand competition may hurt the customers as more disturbing ads will be exerted. In general, business integration will result in a higher diversity if ads exerted in two IM services.

Number of references: 10

Main heading: Social networking (online)

Controlled terms: Competition - Electronic commerce - Electronics industry - Game theory - Integration - Marketing

Uncontrolled terms: Advertising strategy - Brand loyalty - Business integration - Communication and interaction - Compatibility - Game-theoretic model - Network externality - On-line social networks

Classification code: 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 723.5 Computer Applications

Computer Applications

- 911.2 Industrial Economics

Industrial Economics

- 911.4 Marketing

Marketing

- 921.2 Calculus

Calculus

- 922.1 Probability Theory

Probability Theory

Compendex references: YES
Database: Compendex
Compilation and indexing terms, Copyright 2021 Elsevier Inc.
Data Provider: Engineering Village

22. E-business value creation: An exploratory study

Accession number: 20130716014185
Authors: Alawneh, Ali (1); Hattab, Ezz (1)
Author affiliation: (1) Arab Academy for Banking and Financial Sciences, Faculty of Information Systems and Technology, Jordan
Corresponding author: Alawneh, A.(alawneh2001@yahoo.com)
Source title: Proceedings of the International Conference on Electronic Business (ICEB)
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Issue date: 2007
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Conference name: 7th International Conference on Electronic Business, ICEB 2007
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Conference location: Taipei, Taiwan
Conference code: 95360
Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan
Publisher: CEUR-WS
Abstract: Value creation is one of the most important issues in formulating e-business strategies. Value is a construct that is hard to define and even harder to model and understand. This paper provides a framework of theoretical analysis that helps the scholars to think about the concept of value creation in the new digital economy. Researchers and practitioners are struggling to identify factors that contribute in creating e-business value. This paper also evaluates these factors with a focus on value creation from adopting e-business in the firms. The presented evaluation is mined from the literatures and from our own experience in e-business strategies. The paper provides a theoretical survey for exploring the common ground between factors that create such a value. The introduced survey covers perspectives, definition, sources and drivers of e-business value creation.
Number of references: 42
Main heading: Electronics industry
Controlled terms: Electronic commerce - Strategic planning - Surveys
Uncontrolled terms: E-business models - E-business values - eBusiness - Value appropriation - Value chains - Value creation - Value sources/drivers
Classification code: 723.5 Computer Applications

Computer Applications

- 912.2 Management

Management

Compendex references: YES
Database: Compendex
Compilation and indexing terms, Copyright 2021 Elsevier Inc.
Data Provider: Engineering Village

23. Evaluation issues in managing and realizing benefits in B2BEC/IT investments

Accession number: 20130716014186

Authors: Liu, Ying-Chieh (1); Huang, Yu-An (2); Lin, Chad (3)

Author affiliation: (1) Chaoyang University of Technology, Taiwan; (2) National Chi Nan University, Taiwan; (3) Curtin University of Technology, Australia

Corresponding author: Liu, Y.-C.(allanliu@cyut.edu.tw)

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Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: Organizations have invested substantial amount of financial resources in information technology (IT) over the last few decades. However, there is still a lack of understanding of the impact of IT investment evaluation processes and practices in these organizations. This study extends the Limits-to-Value model to examine the relationship between the levels of IT maturity and the adoption of IT investment evaluation and benefits realization methodologies as well as their effects on B2BEC benefits. The study has found that IT maturity has a direct positive relationship with the adoption of these evaluation methodologies. A number of issues and problems have also emerged from the analysis of the data collected. These findings will assist organizations in making better evaluation of B2BEC/IT investment.

Main heading: Investments

Controlled terms: Electronic commerce - Electronics industry - Petroleum reservoir evaluation

Uncontrolled terms: B2BEC - Evaluation methodologies - IT evaluation - IT investments - IT maturity

Classification code: 512.1.2 Petroleum Deposits : Development Operations

Petroleum Deposits : Development Operations

- 723.5 Computer Applications

Computer Applications

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

24. Privacy preserving k-means clustering with chaotic distortion

Accession number: 20130716014168

Authors: Li, Jie (1); Xu, Yong (1); Chu, Chao-Hsien (2); Wang, Yunfeng (1)

Author affiliation: (1) Hebei University of Technology, China; (2) Pennsylvania State University, United States

Corresponding author: Li, J.(lijie@hebut.edu.cn)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: Randomized data distortion is a popular method used to mask the data for preserving the privacy. But the appropriateness of this method was questioned because of its possibility of disclosing original data. In this paper, the chaos system, with its unique characteristics of sensitivity on initial condition and unpredictability, is advocated to distort the original data with sensitive information for privacy preserving k-means clustering. The chaotic distortion procedure is proposed and three performance metrics specifically for k-means clustering are developed. We use a large scale experiment (with 4 real world data sets and corresponding reproduced 40 data sets) to evaluate its performance. Our study shows that the proposed approach is effective; it not only can protect individual privacy but also maintain original information of cluster centers.

Number of references: 6

Main heading: K-means clustering

Controlled terms: Chaos theory - Data mining - Data privacy - Electronic commerce - Electronics industry

Uncontrolled terms: Cluster centers - Data distortion - Individual privacy - Initial conditions - Large scale experiments - Performance metrics - Privacy preserving - Sensitive informations

Classification code: 723.2 Data Processing and Image Processing

Data Processing and Image Processing

- 723.5 Computer Applications

Computer Applications

- 921 Mathematics

Mathematics

- 922 Statistical Methods

Statistical Methods

- 961 Systems Science

Systems Science

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

25. The effects of product knowledge and internet experience on online shopping behavior

Accession number: 20130716014208

Authors: Chang, Tung-Zong (1); Chen, Su-Jane (1)

Author affiliation: (1) Metropolitan State College, Denver, United States

Corresponding author: Chang, T.-Z.(changd@mscd.edu)

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Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: Thanks to tremendous growth of e-commerce and the advancement of Internet infrastructure, the online shopping medium has become a staple in many world economies. The present study examines how the consumer's product knowledge and Internet experience affect the level of uncertainty and perceived risk. Potential dimensions of product knowledge and Internet experience are developed and examined. Their effects on uncertainty and risk perception are proposed. An add-on model linking product knowledge, Internet experience, uncertainty, risk, trust, and

purchase intention is developed. The add-on model is incorporated into an existing model of online shopping process (NetShop). The revised overall model suggests how online shopping intention can be affected by the level of product knowledge and Internet experience, via their effects on uncertainty and perceived risk, as well as the three original factors, interactivity, transaction, and fulfillment.

Number of references: 10

Main heading: Electronic commerce

Controlled terms: Electronics industry - Risk perception

Uncontrolled terms: Internet infrastructure - Online shopping - Perceived risk - Product knowledge - Purchase intention - Trust - Uncertainty and risks - World economy

Classification code: 723.5 Computer Applications

Computer Applications

- 914.1 Accidents and Accident Prevention

Accidents and Accident Prevention

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

26. Assessing eGovernment services quality

Accession number: 20130716014198

Authors: Gatautis, Rimantas (1); Damaskopoulos, Takis (2)

Author affiliation: (1) Kaunas University of Technology, Lithuania; (2) European Institute of Interdisciplinary Research, France

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Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: The services in the virtual environment or electronic services contain a wide spectrum of operations starting from pure sales via internet to the pure services - free or as the part of service agreement. Electronics services are relatively new kind of activities from theoretical and practical point of view. In that context arise a question what methods should be applied in estimation of public electronic services' quality and what dimensions should be treated as critical. The theoretical framework for public services assessment was developed taking into consideration such theoretical models as SERVQUAL and SERVPERF. The empirical survey was carried out evaluating 3 public services quality in Lithuania. The survey allowed determining users are more tend to give priority to clearness easiness of use, quality of information and technical quality.

Number of references: 9

Main heading: Electronics industry

Controlled terms: e-government - Electronic commerce - Surveys

Uncontrolled terms: E-government services - Electronic services - Empirical surveys - Public services - Quality of information - Service agreements - Services quality - Theoretical framework

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

27. A preliminary investigation into e-commerce adoption by the grocery industry in China

Accession number: 20130716014174

Authors: Kurnia, Sherah (1)

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Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: Electronic Commerce as a way of conducting business transactions electronically has shown great operational and strategic benefits. Developed countries have actively embraced the concept of e-Commerce and have made it an integral part of business activities. Despite its ability to bridge economic and digital gap between developing and developed countries, developing countries are still slow in e-Commerce adoption. Currently, there is still a lack of e-Commerce adoption research in developing countries to fully assess the relevance of e-Commerce in these unique environments. This study aims to shed light into the e-Commerce adoption process in China, by assessing the e-Commerce use by the grocery industry. The uniqueness of China in various aspects including cultural, economic and political, poses different challenges and requires different strategies to encourage widespread adoption of e-Commerce.

Number of references: 30

Main heading: Electronic commerce

Controlled terms: Developing countries - Electronics industry

Uncontrolled terms: Business activities - Business transaction - China - Developed countries - E-commerce adoption - Grocery industry - Strategic benefits - Technology adoption

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

28. Internet-based e-media and consumer attitudes: An empirical research

Accession number: 20130716014207

Authors: Liao, Ziqi (1); Shi, Xinping (1); Hung, Bill Wan Sing (1)

Author affiliation: (1) Hong Kong Baptist University, Hong Kong, Hong Kong

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Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: This paper empirically explores the attributes associated with Internet-based e-media using the survey data collected from the consumers in Hong Kong. It has been found that perceived convenience, user-friendly interface, contents, efficiency and image significantly influence perceived usefulness of Internet-based e-media. In addition, self-efficacy and design characteristics are positively associated with perceived ease of use of Internet-based e-media. Moreover, these attributes together with subjective norms considerably explain consumer attitudes and intentions to use Internet-based e-media. The findings have practically useful implications for managing Internet-based e-media and developing new media in different contexts.

Number of references: 4

Main heading: Electronics industry

Controlled terms: Electronic commerce - Internet - User interfaces

Uncontrolled terms: Attributes - Consumer attitudes - Design characteristics - Empirical research - Perceived ease of use - Perceived usefulness - Subjective norm - User friendly interface

Classification code: 722.2 Computer Peripheral Equipment

Computer Peripheral Equipment

- 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

29. Customer strategy in services industries

Accession number: 20130716014178

Authors: Hamilton, John (1)

Author affiliation: (1) James Cook University, Cairns, Australia

Corresponding author: Hamilton, J.(John.Hamilton@jcu.edu.au)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Conference location: Taipei, Taiwan

Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: Services industries are diverse, and range from the full service-only dimension through to services that support a product. In almost all cases the service involves capturing, or engaging with, the customer. A Service Value Networks (SVNs) approach offers a new way to engage with the customer. This approach moves the existing business models into the near-real-time customer tracking environment. This paper discusses complex doorways (elucidated by a SVNs approach) through which competitive new business approaches may be better understood, and developed, in line with customer drift, and/or customer changes in sentiment. The customer decision-making process to engage in a transaction process with the business, and the specific business-customer encounter pathways that ensue, contribute to the final customer engagement decision. The "bricks" (off-line physical) business and to "clicks" (on-line

virtual) business both fit within the SVNs approach. This approach may be applied to tertiary institutions and student monitoring.

Number of references: 27

Main heading: Electronics industry

Controlled terms: Decision making - Electronic commerce - Sales - Service industry

Uncontrolled terms: Business customers - Competitive - Customer decisions - Service value network - Strategy - Student monitoring - Tertiary institutions - Transaction process

Classification code: 723.5 Computer Applications

Computer Applications

- 912.2 Management

Management

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

30. Applying data classification techniques for churn prediction in retailing

Accession number: 20130716014164

Authors: Ching, Russell K.H. (1); Cheng, Liewen (2); Ni, Sheng-Fu (3); Chen, Ja-Shen (3)

Author affiliation: (1) California State University, Sacramento, United States; (2) Ta Hwa Institute of Technology, Taiwan; (3) Yuan Ze University, Taiwan

Corresponding author: Ching, R.K.H.(chingr@csus.edu)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Issue title: ICEB 2007 - Proceeding of the 7th International Conference on Electronic Business: "Service Innovation and Value Creation in Experience Economy"

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Language: English

ISSN: 16830040

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Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: Acquiring new customers and retaining loyal customers have been two important tasks for retailers. One critical issue to retain loyal customers is to know the customers well so that the retailers can provide the right products, do the right promotions and maintain customers from switching away to competitors, i.e. churn. In this study, we investigated the partial churners' behaviors by (1) identifying key churn predictors, (2) establishing a churn prediction procedure, and (3) applying classification techniques to detect the possible partial churners. Further, the performance of each classification technique was examined and evaluated. We adapted and modified a two-year period customer and transaction data from a retailer to verify our proposed approach. Discussion and managerial implications are provided at the end.

Main heading: Classification (of information)

Controlled terms: Electronic commerce - Electronics industry - Forecasting - Sales

Uncontrolled terms: Churn predictions - Classification technique - Critical issues - Data classification - Managerial implications - Partial churner - Retailing - Transaction data

Classification code: 716.1 Information Theory and Signal Processing

Information Theory and Signal Processing

- 723.5 Computer Applications

Computer Applications

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

31. E-business service semantic classification and retrieval

Accession number: 20130716014199

Authors: Segev, Aviv (1); Toch, Eran (2)

Author affiliation: (1) National Chengchi University, Taiwan; (2) Technion - Israel Institute of Technology, Israel

Corresponding author: Segev, A.(asegev@nccu.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB 2007 - Proceeding of the 7th International Conference on Electronic Business: "Service Innovation and Value Creation in Experience Economy"

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ISSN: 16830040

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Conference name: 7th International Conference on Electronic Business, ICEB 2007

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Conference location: Taipei, Taiwan

Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: In this work we provide an initial analysis of e-husinees service classification and retrieval. We present a process of associating e-business services with ontologies and show how the process can be similarly used for e-business service retrieval. The semantic understanding of business services may provide added value through the creation of new compositions of sendees. We analyze two common methods for text processing, TF/IDF and context analysis. We also compare the use of service description as a means for free text retrieval of categorized WSDL description of web service. Our initial results indicate that context analysis is more useful than TF/IDF and that free textual descriptions can be used for retrieval of categorized WSDL description using similar processes.

Number of references: 21

Main heading: Web services

Controlled terms: Classification (of information) - Electronic commerce - Electronics industry - Semantics - Text processing

Uncontrolled terms: Added values - Business service - Context analysis - E- services - Retrieval - Semantic understanding - Service description - Textual description

Classification code: 716.1 Information Theory and Signal Processing

Information Theory and Signal Processing

- 723.5 Computer Applications

Computer Applications

- 903.1 Information Sources and Analysis

Information Sources and Analysis

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

32. Developing a scorm-based U-Learning LMS system

Accession number: 20130716014194

Authors: Wang, Shu-Ling (1); Wu, Chun-Yi (2)

Author affiliation: (1) Department of Information Management, National Taichung Institute of Technology, Sanmin Rd., Taichung 404, Taiwan; (2) Graduate School of Computer Science and Information Technology, National Taichung Institute of Technology, Sanmin Rd., Taichung 404, Taiwan

Corresponding author: Wang, S.-L.(shulin@ntit.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: An integrated content and learning management system (LMSs) which has the characteristic of being ubiquitous is the most essential component of U-Learning. However, most modern learning management systems have different architectures, which makes it's difficult to integrate the numerous learning resources, and reusability is hard to achieve. Otherwise, most learning resources read on mobile platforms are still restricted to electric books or digital learning materials. So, it's not easy to manage the learning progress and immediately information providing or interactions between learners and instructors are impossible. A research is proposed in this paper to develop a SCORM compliant blended U-Learning LMS system, which emphasizes the content compilation, content packaging and the implement of SCORM run-time environment to have learning materials being reusable and interoperable.

Number of references: 9

Main heading: Learning systems

Controlled terms: E-learning - Electronic commerce - Electronics industry - Interoperability - Packaging materials - Personal digital assistants - Reusability

Uncontrolled terms: Content packaging - Digital learning materials - Information providing - Learning management system - Learning materials - Runtime environments - SCORM - U-learning

Classification code: 694.2 Packaging Materials

Packaging Materials

- 722 Computer Systems and Equipment

Computer Systems and Equipment

- 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

33. Customer relationship management: Examining the central proposition in the online context

Accession number: 20130716014170

Authors: Keating, Byron (1); Quazi, Ali M. (2); Kriz, Anton (2)

Author affiliation: (1) University of Wollongong, Australia; (2) University of Newcastle, Australia

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Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

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ISSN: 16830040

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Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: This paper presents a summary of a doctoral dissertation investigating the application of customer relationship management (CRM) theory to the online context. The major finding of this study was to confirm that the central proposition of CRM theory is supported in the online context—that is, while the operational context influences the extent to which effective service enhances the relationships between a firm and its customers, and their resulting perceptions of customer loyalty; there is general support for a mediating relationship in which effective service will enhance the quality of the relationship between a firm and its customer, and increase loyalty perceptions from the customer. The study has also revealed that the service delivery channel has a significant and differential affect on the central proposition and the interactions of the key relationship marketing constructs. Perceptions of financial risk were not observed to significantly affect either service quality or relationship quality perceptions.

Number of references: 20

Main heading: Public relations

Controlled terms: Electronic commerce - Electronics industry - Risk perception - Sales - Service industry

Uncontrolled terms: Customer relationship management - Electronic business - Electronic marketing - Online context - Service operations

Classification code: 723.5 Computer Applications

Computer Applications

- 914.1 Accidents and Accident Prevention

Accidents and Accident Prevention

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

34. Enhancing personal interaction through the web interface in online shopping: An exploratory study

Accession number: 20130716014221

Authors: Chenyan, Xu (1); Leung, Louis (1)

Author affiliation: (1) Chinese University of Hong Kong, Hong Kong, Hong Kong

Corresponding author: Chenyan, X.(xuchenyan1983@gmail.com)

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Document type: Conference article (CA)

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Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: Recent research has called for a need to infuse social presence into e-commerce websites, suggesting that a website low in social presence will be difficult to satisfy consumers' social needs (for interacting with other humans) when they are shopping online. This study finds that web interface elements of socially rich text and picture and virtual community, which provide means for personal interaction, lead to higher perception of social presence. Results, however, also show that social presence per se is not significant in predicting online purchase intention. Even so, e-vendors may also benefit from offering high level of personal interaction through their web interface as those three website features have influential impacts on trust and perceived value, two predictors of online purchase intention found in this study.

Number of references: 49

Main heading: Electronic commerce

Controlled terms: Electronics industry - Purchasing - Social networking (online) - Websites

Uncontrolled terms: Perceived value - Personal interaction - Rich texts - Satisfaction - Social presence - Technology acceptance model - Trust - Virtual community

Classification code: 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

35. The impact of websites characteristics and perceived risk on the hedonics and utilitarian motivation that effect online shopping intention

Accession number: 20130716014181

Authors: Htaik, Sein (1); Chen, Jeng-Chung (1); Ross, William H. (2)

Author affiliation: (1) National Cheng Kung University, Taiwan; (2) University of Wisconsin, La Croose, United States

Corresponding author: Htaik, S.(me@tharchaw.com)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

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Language: English

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Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: Electronic commerce has become one of the essential characteristics in the Internet era. In recent year, many of the studies suggest characteristics of website (1) evoke feelings for hedonic and (2) confirm or negate beliefs of utilitarian type of consumers. Although an attitude toward website has been formed through cognitive and hedonic processes, these factors could strengthen or weaken the intention of purchase at the last minutes. The objective of this paper is to synthesize the existing literature to conducting the survey to discover how the difference perception of risk avoider and risk taker shopper whether existed or not in term of these two type of motivation and attitude toward website.

Number of references: 50

Main heading: Websites

Controlled terms: Electronic commerce - Electronics industry - Motivation - Risk perception

Uncontrolled terms: Essential characteristic - Hedonic - Online shopping - Perceived risk - Purchase intention - Risk taker - Utilitarian - Utilitarian motivations

Classification code: 723.5 Computer Applications

Computer Applications

- 912.4 Personnel

Personnel

- 914.1 Accidents and Accident Prevention

Accidents and Accident Prevention

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

36. Decision-making experiences: Perspectives on m-commerce and e-commerce

Accession number: 20130716014201

Authors: Maity, Moutusi (1); Zinkhan, George (2)

Author affiliation: (1) University of Wisconsin, Whitewater, United States; (2) University of Georgia, United States

Corresponding author: Maity, M.(maitym@uww.edu)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: We explore multi-channel decision-making experiences, especially in m-commerce and e-commerce. 232 e-mail messages sent by participants in two experiments are analyzed using Critical Incident Technique (CIT). Our findings suggest that decision-making in m-commerce is perceived as stressful and not necessarily a positive experience. We also find that participants in m-commerce hold their prior experiences in e-commerce as points of reference to which they compare their current or subsequent decision-making experiences. Cost Theory and Expectation-Confirmation Theory provide possible explanations for the findings. We identify and categorize factors that influence decision-making (shaping positive and/or negative decision-making experiences) and identify unique and channel-specific factors.

Number of references: 6

Main heading: Decision making

Controlled terms: Decision theory - Electronic commerce - Electronics industry - Job analysis - Mobile commerce

Uncontrolled terms: Critical incident technique - Email messages - Expectation Confirmation Theory - M-commerce - Making experience - Multi channel - Positive experiences - Prior experience

Classification code: 723.5 Computer Applications

Computer Applications

- 912.2 Management

Management

- 961 Systems Science

Systems Science

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

37. E-QUAL: A quantitative model of user co-creation experience quality

Accession number: 20130716014225

Authors: Tung, Wei Feng (1); Yuan, Soe-Tsyr (1)

Author affiliation: (1) National Chengchi University, Taiwan

Corresponding author: Tung, W.F.(d93505@mis.nccu.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: This paper sets forth a quantitative model, indicating how a set of measures to assess co-creation experience quality of service providers and customers (E-QUAL) in a service process. Inspired by ecological mutualistic evolution and evolutionary fitness, both partnership and adaptability for service participants in service exchange resemble the relationship of mutualism for species in symbiotic ecosystem. However, the three criteria (PR, ED, and UR) and interactive fitness (IF) are used to test the partnership and estimate the adaptability for assessing user co-creation experience quality within the collaborative service with value co-production. In this article we demonstrate a service system that uses the E-QUAL to evaluate value co-creation experience quality. From the perspective of practice, the measurable model, on the other hand, facilitates an interaction-based self-service system to meet (semi-)automated value co-production.

Number of references: 20

Main heading: User experience

Controlled terms: Ecology - Electronic commerce - Electronics industry - Health - Quality of service

Uncontrolled terms: Adaptability - Co-production - Interactive fitness - Mutualism - Service performance

Classification code: 454.3 Ecology and Ecosystems

Ecology and Ecosystems

- 461.6 Medicine and Pharmacology

Medicine and Pharmacology

- 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

38. Factors influencing collaborative communication in virtual teams

Accession number: 20130716014203

Authors: Sangwan, Sunanda (1); Bjoern-Andersen, Niels (2); Wu, Yuan (1); Qiu, Quan Fu (1)

Author affiliation: (1) Nanyang Technological University, Singapore, Singapore; (2) Copenhagen Business School, Denmark

Corresponding author: Sangwan, S.(asunanda@ntu.edu.sg)

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Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: Collaborative communication has properties different from face to face communication. For instance team can generate ideas, manage information that are beyond the skills of any single team member. In this paper we examine factors that can influence collaborative communication in virtual teams. To study this we used a survey method across various organizations in China. We collected data to get responses from managers and experts engaged in collaborative efforts for product design developments in virtual environments. We conducted factor analysis and used the mean value of factors to test our hypothesis. We found that in the Chinese context, the significant factors were: constructs of team collaboration; information technology support and training; clear descriptions of team objectives and of tasks to be accomplished. Our results show that collaborative communication in collaborative virtual

team environment is guided both by the global competition as well as indigenous and institutional pressures. Managers view decision making as a business issue in a globally competitive environment.

Number of references: 30

Main heading: Electronics industry

Controlled terms: Decision making - Electronic commerce - Managers - Product design

Uncontrolled terms: Collaborative communications - Collaborative environments - Competitive environment - Face-to-face communications - Information technology support - Institutional pressures - Manage information - Virtual team

Classification code: 723.5 Computer Applications

Computer Applications

- 912.2 Management

Management

- 912.4 Personnel

Personnel

- 913.1 Production Engineering

Production Engineering

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

39. Success factors for web application development research findings from the initial phase

Accession number: 20130716014191

Authors: Lam, Monica (1)

Author affiliation: (1) California State University, Sacramento, United States

Corresponding author: Lam, M.(lamsm@csus.edu)

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Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: This paper reports the research findings from the initial phase of a research project for success factors of Web application development. From the initial sample data we collected, multiple regression analyses show that among the 100 independent variables, the following six factors significantly affect the success of Web application development: (1) computing infrastructure effectiveness, (2) end users' feedback about functionality, (3) creative brief or concept creation as a development phase, (4) operations and business process design as a development phase, (5) activity diagram as a development tool, and (6) political reasons. A preliminary path analysis indicates the following significant chain relationships: (1) "computing infrastructure effectiveness" affects "success of Web application development" via the moderator variable of "Web modeling language as a methodology", (2) "end users' feedback about functionality" influences "success" via "creative brief or concept creation as a development phase" and "operations and business process design as a development phase", and (3) "political reasons" determines "success" via "Web modeling language as a methodology" and "activity diagram as a development tool".

Number of references: 24

Main heading: XML

Controlled terms: Electronic commerce - Electronics industry - Modeling languages - Process design - Regression analysis

Uncontrolled terms: Business process design - Computing infrastructures - Development methodology - Documentation tools - Independent variables - Multiple regression analysis - Web application development - Web modeling languages

Classification code: 723.5 Computer Applications

Computer Applications

- 922.2 Mathematical Statistics

Mathematical Statistics

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

40. Flexible task coordination for mobile workforce

Accession number: 20130716014179

Authors: Lee, Habin (1); Ahn, Hyung Jun (2); Shepherdson, John (3)

Author affiliation: (1) Brunel University, United Kingdom; (2) Waikato Management School, New Zealand; (3) British Telecommunications Plc., United Kingdom

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Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: With the advancement of networking and mobile devices, more and more mobile business processes are automated and supported using the technologies. Mobile businesses processes are naturally exposed to uncertainty and dynamic changes that require distributed coordination. In large business organizations, the complexity of the processes also makes central control difficult due to the large number of variables to consider and mobile workers involved. To this end, this paper presents a flexible coordination mechanism for mobile workforce where multiple task assignment models are used together to adapt to dynamic changes and achieve efficiency. The overall system is flexible in that the assignment models are easily added because they are constructed as components, and the switch between assignment models are easy using manual or automated transition between the models. An example application of the model is presented using a real telecommunication organization in Europe where field workers install and repair telecommunication networks for customers.

Number of references: 9

Main heading: Electronics industry

Controlled terms: Agents - Electronic commerce - Mobile computing - Personnel

Uncontrolled terms: Assignment models - Business Process - Coordination mechanisms - Distributed coordination - Mobile business process - Mobile workforce - Task assignment models - Task coordination

Classification code: 723.5 Computer Applications

Computer Applications

- 803 Chemical Agents and Basic Industrial Chemicals

Chemical Agents and Basic Industrial Chemicals

- 912.4 Personnel

Personnel

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

41. Knowing who to know in knowledge sharing communities: A social network analysis approach

Accession number: 20130716014212

Authors: Wang, Jyun-Cheng (1); Chiang, Ming-Jiin (2); Ho, Jung-Chang (3); Hsieh, Wen-Tai (4); Huang, I.-Kun (4)

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Issue date: 2007

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Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: Information stored in online communities consist not only knowledge contents, but also the information of knowledge providers and searchers' connective relationships, and network structures. Online Communities provide effective platforms for interaction and play pivotal roles in making provision for the basis of analysis as all the ask-response paired relationships are automatically recorded. This paper demonstrates how to apply social network analysis to analyze the interaction data for generating the "role information" of the knowledge searchers and providers. Integrating concepts of uncertainty in knowledge searching and sociometric used in social network analysis, we develop a mechanism for role matching in knowledge search for each questions posed. Roles identified in this approach including central, network entrepreneur (e.g. spanning structural holes), neighboring mediate (e.g. knowledge gate keeper), and resource competitor (e.g. structural equivalent players). The result is demonstrated and visualized in a web-based community platform and tested in a real-world programmer forum-based community.

Number of references: 25

Main heading: Social networking (online)

Controlled terms: Electronic commerce - Electronics industry - Online systems - Uncertainty analysis

Uncontrolled terms: Knowledge communities - Knowledge networks - Knowledge sharing communities - Network structures - On-line communities - Role analysis - Social network analysis approaches - Web-based communities

Classification code: 722.4 Digital Computers and Systems

Digital Computers and Systems

- 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 723.5 Computer Applications

Computer Applications

- 922.1 Probability Theory

Probability Theory

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

42. A demand-side evaluation of web assurance services: An empirical study on AICPA/CICA WebTrust service

Accession number: 20130716014187

Authors: Chen, Jiin-Feng (1); Wang, Piin-Jier (1)

Author affiliation: (1) National Chengchi University, Taiwan

Corresponding author: Chen, J.-F.(jfchen@nccu.edu.tw)
Source title: Proceedings of the International Conference on Electronic Business (ICEB)
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Publication year: 2007

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Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 7th International Conference on Electronic Business, ICEB 2007

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Conference location: Taipei, Taiwan

Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: WebTrust service uses an approach similar to financial statements attestation to provide assurance services to web hosts. Prior research generally supports CPAs' qualifications and abilities in offering such services, but rarely explains the limited success of this endeavor. Based on a conceptual model, this study evaluates the demand side of web assurance services. Research questionnaires were used to gather information from consumers and business firms in Taiwan via the Internet. Our results show that consumers have fundamental understanding of web assurance seals and recognize the importance of web assurance services. However, only a portion of consumers are willing to pay additional costs for the assurance provided by web seals. In addition, CPAs have advantages in credibility and objectivity over other web assurance providers, and are more suitable in providing privacy assurance. An expectation gap exists, however, between consumers and web assurance providers. When offering such services, a provider may face the potential risk of lawsuit and should address the issue properly. The above results have implications for the WebTrust service providers in realigning their strategies in the web assurance market.

Number of references: 6

Main heading: Web services

Controlled terms: Electronic commerce - Electronics industry - Seals - Surveys

Uncontrolled terms: Additional costs - Conceptual model - Empirical studies - Financial statements - Privacy assurance - Research questionnaires - Web assurance - WebTrust

Classification code: 619.1.1 Pipe Accessories

Pipe Accessories

- 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

43. The value proposition and service orientation principle view of service oriented architecture (SOA)

Accession number: 20130716014227

Authors: Chao, Chian-Hsueng (1)

Author affiliation: (1) National University of Kaohsiung, Taiwan

Corresponding author: Chao, C.-H.(cchao@nuk.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: Businesses have become increasingly complex over the past few decades. Every aspect of business operation and service requires the use of information technology (IT), and many enterprises are showing a growing interest in service oriented architecture (SOA). Because they recognize the competitive advantage that can be achieved by linking all phases of the business operations and deliver business services to customers. However, the adoption of SOA in organizations and the configuration of IT in direct support of their business are a very complex process. This paper provides a broad discussion on the building of service oriented architecture from value proposition and service orientation principle point of view. A SOA model will provide the technology underpinnings for working with services that are value business activities. This will transform IT into building blocks and services that are easy to assemble and configure or reconfigure. In today's changing business environment, the SOA provide a viable solution for enterprises to keep moving forward to the next level of business operations.

Number of references: 6

Main heading: Service oriented architecture (SOA)

Controlled terms: Architecture - Competition - Electronic commerce - Electronics industry - Enterprise resource management - Information services - Information use - Web services

Uncontrolled terms: Bpm (business process management) - Business activities - Changing business environment - Competitive advantage - Service-orientation principles - Soa (serviceoriented architecture) - Value chains - Value proposition

Classification code: 402 Buildings and Towers

Buildings and Towers

- 722.4 Digital Computers and Systems

Digital Computers and Systems

- 723.5 Computer Applications

Computer Applications

- 903.3 Information Retrieval and Use

Information Retrieval and Use

- 903.4 Information Services

Information Services

- 911.2 Industrial Economics

Industrial Economics

- 912.2 Management

Management

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

44. Knowledge sharing and business matching in advertising and public relations services using semantic peer technology

Accession number: 20130716014213

Authors: Yeh, Ching-Long (1); Yu, Juo-Fan (1); Chen, Wei-Cheng (1)

Author affiliation: (1) Tatung University, Taiwan

Corresponding author: Yeh, C.-L.(chingyeh@cse.ttu.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

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Conference location: Taipei, Taiwan

Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: We develop semantic peer network aiming at knowledge sharing and business matching for the domain of advertisement and public relations. We top up a knowledge-based layer upon the peer to peer network to make it knowledge base peer. The knowledge base consists of ontology for the application domain and domain instances. We develop user services for resource sharing and business matching based on the knowledge-based layer. A trust management mechanism is built into the knowledge-based layer for making trustable resource sharing and business match making. Also we develop an RDF-based streaming mechanism for automatically pushing newly matched information to appropriate nodes. We made experiment to test the performance of search for the prototype system. The result shows that the addition of knowledge-based layer upon the peer-to-peer network would not result in the decrease of performance. We also investigate future work after the prototype research.

Number of references: 11

Main heading: Peer to peer networks

Controlled terms: Electronic commerce - Electronics industry - Knowledge based systems - Knowledge management - Public relations - Semantic Web

Uncontrolled terms: JXTA - Knowledge base - Knowledge based - Knowledge-sharing - Prototype system - Resource sharing - Trust management - User services

Classification code: 722 Computer Systems and Equipment

Computer Systems and Equipment

- 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 903 Information Science

Information Science

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

45. Intelligent agent for call center: Using data mining techniques and olap for automatic answering internet usage problems

Accession number: 20130716014167

Authors: Srivihok, Anongnart (1); Rakngam, Narroup (1)

Author affiliation: (1) Department of Computer Science, Faculty of Science, Kasetsart University, Bangkok, Thailand

Corresponding author: Srivihok, A.(fsciang@ku.ac.th)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

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Pages: 54-60

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ISSN: 16830040

Document type: Conference article (CA)

Conference name: 7th International Conference on Electronic Business, ICEB 2007

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Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: This study proposes a system for an automatic question analysis and answering using data mining techniques and OLAP. By applying information extraction techniques, relevant information is taken out from of the Internet connection questions provided by users. By using data mining, user profiles and their questions on the Internet

usage are used as input for the system. Two steps clustering by SOM and K-Means algorithms are used to segment user data on their characteristics which obtained from user profile. Then output from clustering and question extraction are used for OLAP (Online Analytical Processing) to analyze the cause of the Internet usage problems. After internet usage questions have been asked to the systems, the answers for solving the Internet connections for cases are replied interactively. Results from this study reveal that it is practical to develop an automatic question answering system. The proposed automatic system had been tested with sample questions from the Internet Service Provider, Call Center in Thailand. Precision of the automatic system is about 70% which is good. This study offers useful information regarding the areas of data mining for Call Center or Customer Relationship Management Center.

Number of references: 14

Main heading: Data mining

Controlled terms: Electronic commerce - Electronics industry - K-means clustering - Public relations

Uncontrolled terms: Automatic question answering - Customer relationship management - Information extraction techniques - Internet usage - K-means - OLAP - OLAP (online analytical processing) - Question analysis

Classification code: 723.2 Data Processing and Image Processing

Data Processing and Image Processing

- 723.5 Computer Applications

Computer Applications

Numerical data indexing: Percentage 7.00e+01%

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

46. Exploring caregivers' desires for their older counterparts toward the information and communications technology with market oriented approach

Accession number: 20130716014216

Authors: Han, Sae Mee (1); Lee, Eue Hun (1); Kim, Jae Myung James (1); Lee, Gab Soo (2)

Author affiliation: (1) Information and Communication University, Taejeon, Korea, Republic of; (2) Korea Telecommunication, Seoul, Korea, Republic of

Corresponding author: Han, S.M.(saemee3232@icu.ac.kr)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 7th International Conference on Electronic Business, ICEB 2007

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Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: There are many countries which suffer from high increase rate of old people population over the world. The steep increase in elderly has caused many changes and challenges, and one of the most serious and biggest challenges is caring issues. It became hard for the aged care receivers to receive caring from human caregivers, and also difficult for caregivers to take care of the aged well due to many reasons. Thus, it is time to find alternatives which can support or help caregivers' caring activities. The research focuses on exploring caregivers' intention which want to use ICT as supporter or helper of their caring. Moreover, it reveals more specific needs under different circumstances, and common values which caregivers want to receive from ICT caring services. The findings shows there are enough needs for ICT as helper or supporter for caring in the market and exploration of more specific needs and common values provides useful guideline for the ICT service providers.

Number of references: 5

Main heading: Electronics industry

Controlled terms: Electronic commerce

Uncontrolled terms: Aged care - ICT services - Information and communications technology - Old people - Research focus

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

47. Comparison of classification algorithm performances in knowledge mapping for organization experts

Accession number: 20130716014166

Authors: Sukontrawongsarote, Budsakorn (1); Srivihok, Anongnart (1)

Author affiliation: (1) Kasetsart University, Bangkok, Thailand

Corresponding author: Sukontrawongsarote, B.(g4764230@ku.ac.th)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Issue title: ICEB 2007 - Proceeding of the 7th International Conference on Electronic Business: "Service Innovation and Value Creation in Experience Economy"

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Language: English

ISSN: 16830040

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Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: The knowledge map describes who has what knowledge (tacit), where the knowledge collected, and helps to learn the jobs and expertise in organization. In many organizations there is a lack of directions to manage knowledge and knowledge map. Data classification is one technique using in knowledge mapping. This paper proposes an approach for knowledge mapping of experts in organization by comparing the performances of four classification algorithms. The classification proposed in this paper in the domain of energy expert. We measured prediction performances by comparing algorithms with four classification algorithms: two types of decision trees (ID3, C4.5) and two rule-based (OneR and Prism). These four algorithms are measured their effectiveness with K-fold cross-validation method on their classification correctness. The results show that C4.5 algorithm is the best one in decision tree, and Prism is the best one in rule-based. Among the four algorithms, C4.5 is the best performance in classification for knowledge mapping. Future research and implication are also suggested.

Number of references: 19

Main heading: Knowledge management

Controlled terms: Classification (of information) - Data mining - Decision trees - Electronic commerce - Electronics industry - Knowledge representation - Mapping - Prisms - Trees (mathematics)

Uncontrolled terms: C4.5 - Classification algorithm - Comparing algorithm - Cross validation - Data classification - K fold cross validations - OneR - Prediction performance

Classification code: 405.3 Surveying

Surveying

- 716.1 Information Theory and Signal Processing

Information Theory and Signal Processing

- 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 741.3 Optical Devices and Systems

Optical Devices and Systems

- 921.4 Combinatorial Mathematics, Includes Graph Theory, Set Theory

Combinatorial Mathematics, Includes Graph Theory, Set Theory

Compendex references: YES

Database: Compendex
Compilation and indexing terms, Copyright 2021 Elsevier Inc.
Data Provider: Engineering Village

48. Understanding IOS implementation process in an automotive manufacturing company: An organisational motivation perspective

Accession number: 20130716014182

Authors: Rahim, Md. Mahbubur (1); Smith, Stephen P. (1); Shanks, Graeme (2); Johnston, Robert B. (2, 3)

Author affiliation: (1) Monash University, Australia; (2) University of Melbourne, Australia; (3) University College, Dublin, Ireland

Corresponding author: Rahim, M.M.(mahbubur.rahim@infotech.monash.edu.au)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: A leading Australian automotive manufacturing company has introduced an internet-enabled electronic data interchange (EDI) system recently that links the company with its small suppliers. In this paper, we use a scientific case study approach to examine the internet-enabled EDI implementation experience of the automotive company, and explain its implementation process by referring to a theoretical model known as the IOS Motivation Model (IMM) which we have developed based on the notion of 'organizational motivation' for IOS adoption[16]. The case study findings highlight the key role of organisational motivation as a determinant of IOS implementation process undertaken by the company. This finding is useful to e-business practitioners because it provides them with a means of assessing IOS implementation related activities, and for researchers, because it provides a theoretical framework for understanding the role of motivation in the activities conducted when implementing a system.

Number of references: 20

Main heading: Electronics industry

Controlled terms: Automotive industry - Electronic commerce - Electronic data interchange - Manufacture - Motivation

Uncontrolled terms: Automotive companies - Automotive manufacturing - Case study approach - Electronic data interchange (EDI) - Implementation process - Inter-organizational systems - Theoretical framework - Theoretical modeling

Classification code: 537.1 Heat Treatment Processes

Heat Treatment Processes

- 723.2 Data Processing and Image Processing

Data Processing and Image Processing

- 723.5 Computer Applications

Computer Applications

- 912.4 Personnel

Personnel

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

49. An XML-based continuous auditing web services model - An implementation study

Accession number: 20130716014197

Authors: Sheng, Wei-Cheng (1); Yeh, Chun-Hsiu (2)

Author affiliation: (1) National Chung Cheng University, Taiwan; (2) Chung Chou Institute of Technology, National Chung Hsing University, Taiwan

Corresponding author: Sheng, W.-C.(iceman.shen@gmail.com)

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Pages: 261-269

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Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: The concepts of continuous auditing are now more than two decades old, many researchers have issued differ continuous audit system model for applying over internet technology. A continuous audit is an assurance service where the time between the occurrence of events underlying a particular subject matter and the issuance of an auditor's opinion on the fairness of a client's representation of the subject matter is eliminated. The auditor offer restricted views provided by the continuous audit web services (CAWS) routines on a fee basis to analysts, investors, financial institutions, and other parties interested in obtaining continuous audit (CA) of business performance or other audit objects of interest. In our study proposed not only discuss with how to ensure the integrity and effectiveness of the entire data collection system but also implement the XML web services to enterprise applied for correctness and usefulness well-known the CAWS model. The CAWS design and demonstrate an implementation of continuous audit with the internal auditor data verify for compliance CA domain. The demonstrated CAWS model uses data retrieval layer, data analysis layer and data presentation layer over the internet to continuously monitor by the audit department. The article concludes with suggestion for future research and our implemented experiences.

Number of references: 26

Main heading: Web services

Controlled terms: Compliance control - Electronic commerce - Electronics industry - Websites - XML

Uncontrolled terms: Auditor's opinions - Business performance - Continuous auditing - Data collection system - Financial institution - Internet technology - Subject matters - XML Web service

Classification code: 723.5 Computer Applications

Computer Applications

- 731.3 Specific Variables Control

Specific Variables Control

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

50. Building a semantic tendering system

Accession number: 20130716014175

Authors: Du, Timon C. (1); Wong, Jacqueline (1)

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Corresponding author: Du, T.C.(timon@cuhk.edu.hk)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: In the new B2B e-commerce arena, applications such as auctions and data exchange are growing rapidly. However, Web content is currently designed for human consumption rather than computer manipulation. This limits the possibility of Web automation. Fortunately, the new development of the Semantic Web that allows Web pages to provide information not only in terms of their content, but also in terms of the properties of that content, can be used for automation. Electronic tendering systems are among the successfully commercial systems that can tremendously benefit from the availability of Semantic Web. This study proposes an e-tendering system that uses the Semantic Web to investigate the automatic negotiation process. The system is built in a P2P environment to simulate a two-player negotiation. It is found that the ontology of semantic information can be used to locate qualified suppliers and precede negotiation. The bargaining power of each party is then determined by the relative magnitude of the negotiators' respective costs of haggling and the utility that varies with the degree of risk preference. Our experiments showed that applying automatic negotiation strategies to e-tendering system in semantic web can reflect the risk preference of the participants.

Number of references: 26

Main heading: Semantic Web

Controlled terms: Electronic commerce - Electronic data interchange - Electronics industry - Peer to peer networks - Websites

Uncontrolled terms: Automatic negotiation - Commercial systems - Degree of risks - E-tendering - Human consumption - Negotiation - P2P environment - Semantic information

Classification code: 722 Computer Systems and Equipment

Computer Systems and Equipment

- 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 903 Information Science

Information Science

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

51. U-ATM: An autonomous trust model for exploring ubiquitous collective wisdom

Accession number: 20130716014173

Authors: Hwang, Yuan-Chu (1)

Author affiliation: (1) National United University, Taiwan

Corresponding author: Hwang, Y.-C.(ychwang@nuu.edu.tw)

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Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: Ubiquitous e-service is one of the most recent links in the chain of evolution that has characterized the different eras of the internetworking environment. In order to leap the trust barrier for the user to embracing these ubiquitous e-services, we propose an Autonomous Trust Model for exploring collective wisdom in the ubiquitous environment (hereafter termed "U-ATM") as an instance of ASEM. ASEM (Ambient e-Service Embracing Model) addresses the core elements (of relevance to the integrated concern of trust, reputation and privacy) required for assuring such desired features as convenience, safety, fairness and collaboration for mobile users when they engage with ambient e-services. The U-ATM highlights the distributed peer-to-peer interactions under an ad-hoc network composition. It especially accommodates the dynamic short-lived identity characteristics and lightweight computational capacity of mobile devices. The U-ATM we have developed is based on the ZigBee architecture as a collaborative application in the upper layer of the ubiquitous environment. U-ATM design concepts are elaborated and evaluated. A simulation is conducted. Simulation outcomes for trust decision quality enhancement show significant improvement over traditional designs. U-ATM makes it possible for users to collaborate with the nearby user groups for establishing a reliable and trustworthy interaction environment. It also facilitates and empowers the potential benefits of various ubiquitous e-service applications.

Number of references: 2

Main heading: Internet protocols

Controlled terms: Ad hoc networks - Electronic commerce - Electronics industry - Mobile telecommunication systems - Peer to peer networks - Security of data

Uncontrolled terms: Collaborative application - Computational capacity - E- services - Interaction environment - Peer-to-peer interaction - Proximal collective wisdom - Trust - Ubiquitous environments

Classification code: 722 Computer Systems and Equipment

Computer Systems and Equipment

- 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

52. Suggesting a guideline to information and communication technology service development in accordance with user value driven perspective

Accession number: 20130716014220

Authors: Kim, Jae Myung James (1); Lee, Eue Hun (1); Han, Sae Mee (1); Lee, Gab Soo (2)

Author affiliation: (1) Information and Communication University, Taejeon, Korea, Republic of; (2) Korea Telecommunication, Seoul, Korea, Republic of

Corresponding author: Kim, J.M.J.(lanzenreiter@icu.ac.kr)

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Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: Information and Communication Technology (ICT) service industry, especially the mobile service market, has been one of the core growth engines for Korean economy during the last decades. However, ICT service market is currently experiencing severe stagnation mainly due to the saturation in customer expenditure. Until recently, a technology intensive approach has been playing a critical role in terms of ICT service development in Korea. However, limitations in this technology based method have been exposed with respect to locating and addressing dynamic and in-depth user needs and demands. Various ICT services have been introduced into the market in accordance with the

technology intensive approach; however, there is only the mere presence of success in fulfilling user satisfaction. Thus, nowadays, a user value-driven approach is widely gaining attention as a substitute or/and complement to conventional methods. In fact, user value-driven approach is not a brand new idea; it has been broadly practiced in many none-ICT relevant fields, however, as for ICT industry, user-driven approach is still in early stage of the adoption. Therefore, the major research question of this study is to explore user's hidden needs and demands and consider appropriate methods to apply them into ICT service developments.

Number of references: 13

Main heading: Service industry

Controlled terms: Electronic commerce - Electronics industry

Uncontrolled terms: Conventional methods - Information and communication - Information and Communication Technologies - Research questions - Service development - User satisfaction - User-driven approach - Value driven

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

53. Peer to peer mobile coupons: Adding incentives without sacrificing security

Accession number: 20130716014189

Authors: Hsueh, Sue-Chen (1); Chen, Jun-Ming (1)

Author affiliation: (1) Chaoyang University of Technology, Taiwan

Corresponding author: Hsueh, S.-C.(schsueh@cyut.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB 2007 - Proceeding of the 7th International Conference on Electronic Business: "Service Innovation and Value Creation in Experience Economy"

Issue date: 2007

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Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 7th International Conference on Electronic Business, ICEB 2007

Conference date: December 2, 2007 - December 6, 2007

Conference location: Taipei, Taiwan

Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: Mobile commerce is flourishing today due to the advance of the mobile technology. Many conventional marketing activities are moving their ways to the mobile environment. Efficient marketing instruments such as the paper coupons and the electronic coupons are also evolving into the mobile coupons. In comparison with conventional coupons, mobile coupons are personalized and suitable for peer to peer delivery. Coupons are commonly issued by the merchants, used by the interested customers, and discarded by the uninterested receivers. Raising the redemption rate of the coupon will increase the sales of the promoted items. The raise can be accomplished by forwarding coupons from uninterested receivers to potentially interested customers. The ease-of-use exchange mechanism in mobile devices pushes the delivery in the peer to peer environment. Moreover, the characteristic of personalization inspires trust into mobile coupons. Thus, adding the incentives of coupon forwarding, such as a reward bonus, may activate the movement of stationary coupons and eventually increase the redemption rate of mobile coupons. Nevertheless, the incentives adding may bring the threats of alterations and forgery; if the adding mechanism is improperly made. Additionally, complicated security means are hindered by the limitations of storage space, computation power, and communication bandwidth of mobile devices. Therefore, we propose a scheme that uses digital signatures for verifying the incentive-added coupons and design a hash chain to detect possible forgery. The proposed scheme may increase the use of peer to peer mobile coupons without sacrificing the security.

Number of references: 12

Main heading: Mobile commerce

Controlled terms: Electronic commerce - Electronics industry - Mobile security - Mobile telecommunication systems - Network security - Sales

Uncontrolled terms: Communication bandwidth - Exchange mechanism - Marketing activities - Mobile coupon - Mobile environments - Peer to peer - Peer-to-peer environments - Security
Classification code: 723 Computer Software, Data Handling and Applications
 Computer Software, Data Handling and Applications
Compendex references: YES
Database: Compendex
 Compilation and indexing terms, Copyright 2021 Elsevier Inc.
Data Provider: Engineering Village

54. An evaluation and selection of 3G mobile value-added service

Accession number: 20130716014231
Authors: Wang, Shu-Ling (1); Wang, His-Shiang (2)
Author affiliation: (1) Department of Information Management, National Taichung Institute of Technology, Sanmin Rd., Taichung 404, Taiwan; (2) Graduate School of Computer Science and Information Technology, National Taichung Institute of Technology, Sanmin Rd., Taichung 404, Taiwan
Corresponding author: Wang, S.-L.(shulin@ntit.edu.tw)
Source title: Proceedings of the International Conference on Electronic Business (ICEB)
Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)
Issue title: ICEB 2007 - Proceeding of the 7th International Conference on Electronic Business: "Service Innovation and Value Creation in Experience Economy"
Issue date: 2007
Publication year: 2007
Pages: 484-490
Language: English
ISSN: 16830040
Document type: Conference article (CA)
Conference name: 7th International Conference on Electronic Business, ICEB 2007
Conference date: December 2, 2007 - December 6, 2007
Conference location: Taipei, Taiwan
Conference code: 95360
Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan
Publisher: CEUR-WS
Abstract: As the wireless communication and mobile phone market develop rapidly, telecommunication dealers provide diverse mobile value-added services for consumers to choose from. However, which mobile value-added services are those consumers need have become a worthy issue for discussion. In this empirical study, cluster analyses and analytic hierarchy processes are used to investigate and understand the need for cognition in the young users (20-29 years old). The selected subjects' preferences for services, like mobile communication service, mobile entertainment service, mobile information service and mobile transaction service are evaluated. By surveying the subjects' need for recognition, cluster analysis can further be used to cluster diverse mobile value-added services. Furthermore, by means of the Analytic Hierarchy Process (AHP), services that subjects pay more attention to can be sifted out for the further development of service functions. The results of analysis indicate that the mobile value-added services young users pay most attention to are: wireless emergency services in the communications category, mobile mapping in the information category, mobile taxi services in the communication category, contact list in the communication category and short messaging service in the communications category.
Number of references: 20
Main heading: Mobile commerce
Controlled terms: Analytic hierarchy process - Cluster analysis - Electronics industry - Emergency services - Information services - Mobile telecommunication systems - Motor transportation - Taxicabs - Telecommunication services
Uncontrolled terms: 3G mobile value-added services - Analytic hierarchy process (ahp) - Mobile communication services - Mobile information services - Mobile value-added services - Short messaging service - Third generation - Wireless communications
Classification code: 662.1 Automobiles
 Automobiles
 - 723 Computer Software, Data Handling and Applications
 Computer Software, Data Handling and Applications
 - 723.5 Computer Applications
 Computer Applications
 - 903.4 Information Services

Information Services

- 914.1 Accidents and Accident Prevention

Accidents and Accident Prevention

- 961 Systems Science

Systems Science

Numerical data indexing: Age 2.00e+01yr to 2.90e+01yr**Compendex references:** YES**Database:** Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

55. An empirical study on the factors influencing the utilization and the effectiveness of enterprise instant messenger

Accession number: 20130716014190**Authors:** Shin, Young-Ran (1); Lee, Choong C. (2); Kim, Kun-Ah (2)**Author affiliation:** (1) Korea Telecom, Korea, Republic of; (2) Yonsei University, Korea, Republic of**Corresponding author:** Shin, Y.-R.(heaven@kt.co.kr)**Source title:** Proceedings of the International Conference on Electronic Business (ICEB)**Abbreviated source title:** Proc. Int. Conf. Electron. Bus. (ICEB)**Issue title:** ICEB 2007 - Proceeding of the 7th International Conference on Electronic Business: "Service Innovation and Value Creation in Experience Economy"**Issue date:** 2007**Publication year:** 2007**Pages:** 211-224**Language:** English**ISSN:** 16830040**Document type:** Conference article (CA)**Conference name:** 7th International Conference on Electronic Business, ICEB 2007**Conference date:** December 2, 2007 - December 6, 2007**Conference location:** Taipei, Taiwan**Conference code:** 95360**Sponsor:** AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan**Publisher:** CEUR-WS

Abstract: Communication technology has been recognized to play an important role in boosting organization's competitiveness and viability by facilitating efficient communication and information sharing. Lately, many organizations began to actively adopt the self-developed Enterprise Instant Messenger (EIM) as a common organizational communication medium after experiencing security problem with public messengers like MSN. Its utilization and tangible benefits of EIM, however, vary. There's an urgent need to understand how each organization embraces EIM and to empirically evaluate whether active use of EIM can result in a better communication, eventually leading into better business productivity. In this research we try to investigate those antecedents which may have affected the high use of EIM and a better decision making efficiency. Theoretical justification of research variables and causal relationships of our research model are mainly based on Technology Acceptance Model (TAM), media selection theory, and social influence model. Through a survey data analysis of 171 EIM users, it was found that perceived usefulness, social influence, the externally-orientated organizational culture had a significant effect on the high use of EIM. In addition, the use of EIM was found to have a significant effect on the efficiency in the decision-making process.

Number of references: 24**Main heading:** Economic and social effects**Controlled terms:** Decision making - Decision theory - Efficiency - Electronic commerce - Electronics industry - Information analysis - Information dissemination - Telecommunication services**Uncontrolled terms:** Communication technologies - Efficient communications - Frequency of usage - Media selection - Organizational communication - Organizational cultures - Social influence model - Technology acceptance model**Classification code:** 723.5 Computer Applications

Computer Applications

- 903.1 Information Sources and Analysis

Information Sources and Analysis

- 903.2 Information Dissemination

Information Dissemination

- 912.2 Management
Management
- 913.1 Production Engineering
Production Engineering
- 961 Systems Science
Systems Science
- 971 Social Sciences
Social Sciences

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

56. A conceptual model for negotiating in service-oriented environments

Accession number: 20130716014222

Authors: Lin, Jyhjong (1)

Author affiliation: (1) Ming Chuan University, Taiwan

Corresponding author: Lin, J.(jlin@mcu.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB 2007 - Proceeding of the 7th International Conference on Electronic Business: "Service Innovation and Value Creation in Experience Economy"

Issue date: 2007

Publication year: 2007

Pages: 419-424

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 7th International Conference on Electronic Business, ICEB 2007

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Conference location: Taipei, Taiwan

Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: Web services have been developed in recent years as a fundamental technique for the new generation of B2B or EAI applications. For their getting more available that imposes a new vision of service-oriented computing, the software industry has shifted its attention on software from developing a product as required to delivering a service on demand. In order to gain the many benefits from such a service-oriented model of software, several critical issues need to be addressed in a service-oriented environment such as differentiation of services with multiple attributes, dynamic selection and provision of services in a supply chain style, and commitment of services with prescribed rules. From the perspective of management, these issues are concerned within a process of negotiating desired services in a service-oriented environment. In this paper, we propose an object-oriented model that specifies such a negotiation process with explicit constructs addressing these critical issues. The model contains an architecture diagram that describes required components and their interactions for fulfilling the negotiation process, as well as a class/sequence diagram that specifies in detail what class objects these components have in order to collaboratively support all required behaviors occurred within the negotiation process.

Number of references: 29

Main heading: Web services

Controlled terms: Electronic commerce - Electronics industry - Information services - Object oriented programming - Service industry - Software engineering - Supply chains

Uncontrolled terms: Conceptual model - Differentiation of services - Negotiating - Object orientation - Object oriented model - Service oriented computing - Service oriented modeling - Service-oriented environment

Classification code: 723.1 Computer Programming

Computer Programming

- 723.5 Computer Applications

Computer Applications

- 903.4 Information Services

Information Services

- 912 Industrial Engineering and Management

Industrial Engineering and Management
- 913 Production Planning and Control; Manufacturing
Production Planning and Control; Manufacturing
Compendex references: YES
Database: Compendex
Compilation and indexing terms, Copyright 2021 Elsevier Inc.
Data Provider: Engineering Village

57. The workflow kernel development and benefit analysis for electronic manufacturing industry

Accession number: 20130716014200
Authors: Hsueh, William (1); Tsai, Min-Jen (1)
Author affiliation: (1) National Chiao Tung University, Taiwan
Corresponding author: Hsueh, W.(mjtsai@cc.nctu.edu.tw)
Source title: Proceedings of the International Conference on Electronic Business (ICEB)
Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)
Issue title: ICEB 2007 - Proceeding of the 7th International Conference on Electronic Business: "Service Innovation and Value Creation in Experience Economy"
Issue date: 2007
Publication year: 2007
Pages: 290-294
Language: English
ISSN: 16830040
Document type: Conference article (CA)
Conference name: 7th International Conference on Electronic Business, ICEB 2007
Conference date: December 2, 2007 - December 6, 2007
Conference location: Taipei, Taiwan
Conference code: 95360
Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan
Publisher: CEUR-WS

Abstract: Since the advantage of low production cost is not existing any more for companies based in Taiwan due to the global manufacturing approach, how to reduce the production costs effectively is a critical issue for most of the manufactures. In the mean time, the communication of research and design, human resource management, customer support service, and daily operations across the international boundary also become important in order to achieve the goal of making the accurate daily support, create good quality products and providing products more quickly for customers. At the same time, companies usually grow up by merging other companies to quickly catch up the speed of innovation and production. How to integrate information & culture quickly between each other also needs to be studied. The purpose of this research is to make a suitable workflow development that can fit company culture requirement and handles daily demands and lead into manufactory & sub-company rapidly for Taiwanese electronic industry. The developed workflow fits the needs of WfMC which specify the requirements of process definition tools, workflow client applications, invoked applications, other WFMS enactment service and administration & monitoring tools. By using the workflow control, the case company efficiently reduces the inventory level, production cost up to 10% within one year testing period.

Number of references: 7

Main heading: Electronics industry

Controlled terms: Cost reduction - Electronic commerce - Human resource management - Manufacture - Product design

Uncontrolled terms: Client applications - Competitive strategy - Electronic industries - Electronic manufacturing industry - Global manufacturing - Kernel development - Process definition tools - Workflow

Classification code: 723.5 Computer Applications

Computer Applications

- 912.2 Management

Management

- 913.1 Production Engineering

Production Engineering

- 913.4 Manufacturing

Manufacturing

Numerical data indexing: Percentage 1.00e+01%

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

58. Applying e-learning technologies to teach computer programming: A case study

Accession number: 20130716014193

Authors: McCarthy, Brendan (1)

Author affiliation: (1) Victoria University, Australia

Corresponding author: McCarthy, B.(Brendan.McCarthy@vu.edu.au)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB 2007 - Proceeding of the 7th International Conference on Electronic Business: "Service Innovation and Value Creation in Experience Economy"

Issue date: 2007

Publication year: 2007

Pages: 242-245

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 7th International Conference on Electronic Business, ICEB 2007

Conference date: December 2, 2007 - December 6, 2007

Conference location: Taipei, Taiwan

Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: Recent developments in the quality of e-learning tools now made it a possible to integrate such technology into teaching programs to provide added value to the learning experience. This paper describes the experiences of Victoria University in adopting e-learning technologies to complement the teaching of SAP's ABAP programming language to students in Singapore. Computer programming still remains an important part of most Information Systems courses. The involvement of SAP relates to Victoria University integrating Enterprise Resource Planning (ERP) systems into their curricula and research programs through a strategic alliance with SAP. The SAP technical infrastructure facilitates the development of courses using Internet and e-learning technology. To assist with the delivery of offshore ERP education an ERP e-Learning model has been developed that integrates synchronous and asynchronous content. Asynchronous e-learning does not involve the presence of a teacher. Typically the learning content is located on a web server that students can access using the Internet. Synchronous e-learning requires the learner and teacher to be present in the event at the same time. It is a real-time, instructor-led online learning event in which all participants are available at the same time and can communicate directly with each other. Recently a pilot was conducted using a synchronous e-learning tool to deliver several programming classes to students in Singapore. A successful evaluation of the pilot was conducted and it is planned to integrate web technology and synchronous e-learning sessions in a more permanent way to offshore courses.

Number of references: 7

Main heading: E-learning

Controlled terms: Computer aided instruction - Computer systems programming - Curricula - Education computing - Electronic commerce - Electronics industry - Enterprise resource planning - Learning systems - Offshore oil well production - Offshore technology - Resource allocation - Students - Teaching - Virtual corporation

Uncontrolled terms: Application service provider - Asynchronous learning - Enterprise resource planning systems - Synchronous learning - Virtual Classroom

Classification code: 511.1 Oil Field Production Operations

Oil Field Production Operations

- 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 901.2 Education

Education

- 912.2 Management

Management

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

59. An integrated model of innovation value chain for sustainable competitive advantage in high-tech industry

Accession number: 20130716014232

Authors: Chen, Te Fu (1)

Author affiliation: (1) Ching Yun University, Taiwan

Corresponding author: Chen, T.F.(phd2003@gmail.com)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB 2007 - Proceeding of the 7th International Conference on Electronic Business: "Service Innovation and Value Creation in Experience Economy"

Issue date: 2007

Publication year: 2007

Pages: 491-498

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 7th International Conference on Electronic Business, ICEB 2007

Conference date: December 2, 2007 - December 6, 2007

Conference location: Taipei, Taiwan

Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: Measuring innovation outputs has been accomplished mainly through the relationship between innovation management and product design and development, especially for patenting. Today, companies are facing increased turbulence and complexity in the business environment, such as globalization, digitalization and mobilization. To meet these challenges, both the popular and the academic press are advising companies to focus their attention toward innovation in order to create and sustain competitive advantage. A firm's performance depends on how much its managers can mobilize the knowledge resources of individuals and teams in its value chain and how well they can turn these resources into activities that lead to value creation in hyper-competitive markets. Knowledge management literature reveals the increasing importance of innovation in those high-tech manufacturing firms, in which knowledge turns into the main source of competitive advantage. Innovation in high-tech firms is progressively turning into a systematic process, especially for determined high-tech industries such as electronic products. The study aims to develop an integrated model of innovation value chain (IVC), the model integrates knowledge management and innovation management in high-tech Industries from a knowledge-based theory perspective and integrates IVC to reach value creation and then to achieve sustainable competitive advantage. IVC is a thinking tool which can be used to define those enterprises involved in innovation activities such as product development. Each link in the chain needs to add value to innovation. IVC helps think through the often-complex relationships in product development and look for improvements in relationships (with suppliers, customers, partners and competitors) and partnerships. The integrated model inputs from knowledge-based competition (Globalization, digitalization and mobilization) to integrate IVC to reach value creation (employees', suppliers', partners' customers' and competitors' value) and then to achieve the outcome: sustainable competitive advantage. The importance of the proposed model was theoretically discussed for practitioners and future researchers. The integrated IVC model can act as a list of items for high-tech Industries to address when adopting innovation value chain. This helps to ensure that the essential issues and approaches are covered during implementation. For academics, it provides a common language for them to discuss and study the approaches crucial for the success of innovation value chain in high-tech Industries.

Number of references: 70

Main heading: Electronics industry

Controlled terms: Competition - Electronic commerce - Human resource management - Knowledge based systems - Knowledge management - Product design - Product development - Sustainable development

Uncontrolled terms: Competitive advantage - Complex relationships - High tech industry - Knowledge based - Knowledge management literature - Product design and development - Sustainable competitive advantages - Value chains

Classification code: 723.4.1 Expert Systems

Expert Systems

- 723.5 Computer Applications

Computer Applications
- 911.2 Industrial Economics
Industrial Economics
- 912.2 Management
Management
- 913.1 Production Engineering
Production Engineering
- 913.6 Product Development; Concurrent Engineering
Product Development; Concurrent Engineering
Compendex references: YES
Database: Compendex
Compilation and indexing terms, Copyright 2021 Elsevier Inc.
Data Provider: Engineering Village

60. Considering the cultural issues of web design in implementing web-based e-commerce for international customers

Accession number: 20130716021991
Authors: Kang, Kyeong S. (1)
Author affiliation: (1) Faculty of Information Technology, University of Technology Sydney, Broadway, NSW 2007, Australia
Corresponding author: Kang, K.S.(kyeong@it.uts.edu.au)
Source title: Proceedings of the International Conference on Electronic Business (ICEB)
Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)
Issue title: 5th International Conference on Electronic Business: Enhancing Logistics and Supply Chain Competence Through e-Business, ICEB 2005
Issue date: 2005
Publication year: 2005
Pages: 323-327
Language: English
ISSN: 16830040
Document type: Conference article (CA)
Conference name: 5th International Conference on Electronic Business, ICEB 2005
Conference date: December 5, 2005 - December 9, 2005
Conference location: Hong Kong, Hong kong
Conference code: 95358
Sponsor: Chin. Univ. Hong Kong, Li Fung Inst. Supply Chain Manage./Logist.
Publisher: CEUR-WS

Abstract: The web design for international e-commerce sites is becoming an increasingly important issue. This paper addresses issues about cultural differences in web design and designers' views. The summary of research work includes understanding of designers' attitudes and approaches in designing web sites for different countries. Some suggestions about important aspect of localized design are made from case studies conducted during this research.

Number of references: 10

Main heading: Websites

Controlled terms: Electronic commerce - Electronics industry - International trade - Supply chains - Web Design

Uncontrolled terms: Case-studies - Cultural difference - Cultural issue - E-commerce sites - International customers - Web based

Classification code: 723.5 Computer Applications

Computer Applications
- 912 Industrial Engineering and Management
Industrial Engineering and Management
- 913 Production Planning and Control; Manufacturing
Production Planning and Control; Manufacturing

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

61. ICEB 2007 - Proceeding of the 7th International Conference on Electronic Business: "Service Innovation and Value Creation in Experience Economy"

Accession number: 20130716014236

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Issue title: ICEB 2007 - Proceeding of the 7th International Conference on Electronic Business: "Service Innovation and Value Creation in Experience Economy"

Issue date: 2007

Publication year: 2007

Language: English

ISSN: 16830040

Document type: Conference proceeding (CP)

Conference name: 7th International Conference on Electronic Business, ICEB 2007

Conference date: December 2, 2007 - December 6, 2007

Conference location: Taipei, Taiwan

Conference code: 95360

Sponsor: AdvenTech; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS, Tilburg University, Netherlands

Abstract: The proceedings contain 77 papers. The topics discussed include: mobile technology and culture change: a redefining view of time and space; perspectives from different levels of management teams on business and information systems strategies alignment ? a case of alpha networks inc; a sliding-window approach to mining maximal large item sets for large databases; a synthetical approach for blog recommendation mechanism trust, social relation, and semantic analysis; applying data classification techniques for churn prediction in retailing; applying particle swarm optimization to solve portfolio selection problems; comparison of classification algorithm performances in knowledge mapping for organization experts; intelligent agent for call center: using data mining techniques and OLAP for automatic answering Internet usage problems; and customer relationship management: examining the central proposition in the online context.

Abstract type: (Edited Abstract)

Page count: 527

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

62. Analysis of mobile services and their impact on economic development

Accession number: 20160902034546

Authors: Ramanujam, Rahul (1); Sharma, Ravi (1)

Author affiliation: (1) Nanyang Technological University, Singapore

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Volume: 2014-January

Part number: 1of1

Issue title: Proceedings of the 14th International Conference on Electronic Business, ICEB 2014 and 1st Global Conference on Internet and Information Systems: Creating Business Values through Innovations in Cloud Services, GCIIS 2014

Issue date: 2014

Publication year: 2014

Pages: 41-53

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 14th International Conference on Electronic Business, ICEB 2014 and 1st Global Conference on Internet and Information Systems, GCIIS 2014

Conference date: December 8, 2014 - December 12, 2014

Conference location: Taipei, Taiwan

Conference code: 118796

Sponsor: Bureau of Foreign Trade, Ministry of Economic Affairs; et al.; Ministry of Education; Ministry of Foreign Affairs; Ministry of Science and Technology; NCCU Office of Research and Development

Publisher: CEUR-WS

Abstract: The primary aim of this paper is to analyze user's adoption of mobile data services under various circumstances. The data for this paper has been obtained from the Worldwide Mobile Data Services (MDS) Survey (Sharma et al, 2014). This research paper also characterizes devices, usually identified as smart phones. Smart

phones are sophisticated tools (devices), which can be used for I/O (input/output), processing, storage and for broadband connectivity. The features and functionality of these devices range widely, facilitating browsing the internet as well as applications that utilize authentication, location detection and multitasking. Such features that MDS provides us have become an inexorable part of our lives. These devices offer us so much that all forms of work and leisure activities that are routine in our day-to-day deeds progressively depend more on them. As a result, the providers of MDS[14] nowadays offer a superfluity of both products and services, which empower patrons to perform a range of work and leisure tasks that are correlated with commercial transactions, networking and communication, information access and content downloading (Garbacz and Thompson, 2007). This is an integral part of the era of ubiquity.

Number of references: 21

Main heading: Economic and social effects

Controlled terms: Digital storage - Electronic commerce - Electronics industry - Information systems - Information use - Leisure - Mobile telecommunication systems - Smartphones - Surveys

Uncontrolled terms: Broadband connectivity - Commercial transactions - IT for development - Mobile data service - Mobile service - Networking and communication - Products and services - User surveys

Classification code: 718.1 Telephone Systems and Equipment

Telephone Systems and Equipment

- 722.1 Data Storage, Equipment and Techniques

Data Storage, Equipment and Techniques

- 723.5 Computer Applications

Computer Applications

- 903.3 Information Retrieval and Use

Information Retrieval and Use

- 971 Social Sciences

Social Sciences

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

63. Measurement and analysis of bilateral costs between China and trading partners based on the revised gravity model

Accession number: 20130716022207

Authors: Hong, Fang (1); Yu, Yin (1); Zhe, Feng (1)

Author affiliation: (1) School of Economics and Management, Beijing University of Aeronautics and Astronautics, China

Corresponding author: Hong, F.(hongfan0097@sina.com)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

Issue date: 2009

Publication year: 2009

Pages: 846-854

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 9th International Conference on Electronic Business, ICEB 2009

Conference date: November 30, 2009 - December 4, 2009

Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: A revised gravity model has been adopted in the thesis to measure the changes of bilateral trade costs of China and other 28 countries during 1992~2007. The results are as follows: China's trade costs take on a declining trend and the bilateral trade costs between China and developed countries is lower than that of developing countries. As the trade costs between China and major trading partners take on a declining trend, which even has room for further decline, the major policy significances in this thesis are that China shall continue to excavate the way to reduce the trade costs in order to further enhance the export competitiveness.

Number of references: 22

Main heading: Costs

Controlled terms: Cost benefit analysis - Developing countries - Electronic commerce - Electronics industry
Uncontrolled terms: Bilateral trade - Developed countries - Gravity model - Measurement and analysis - Trade costs - Trading partners
Classification code: 723.5 Computer Applications
Computer Applications
- 911 Cost and Value Engineering; Industrial Economics
Cost and Value Engineering; Industrial Economics
Compendex references: YES
Database: Compendex
Compilation and indexing terms, Copyright 2021 Elsevier Inc.
Data Provider: Engineering Village

64. The role of government to bridge digital gap between urban and rural area in Korea

Accession number: 20130716022140
Authors: Moon, Junghoon (1); Kim, Jin Ki (2); Rhee, Cheul (3)
Author affiliation: (1) Department of IT Business, Korean Advanced Institute of Science and Technology, Korea, Republic of; (2) Department of Business Administration, Korea Aerospace University, Korea, Republic of; (3) Department of E-Business, Ajou University, Korea, Republic of
Corresponding author: Moon, J.(jmoon@kaist.ac.kr)
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Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009
Issue date: 2009
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Pages: 305-311
Language: English
ISSN: 16830040
Document type: Conference article (CA)
Conference name: 9th International Conference on Electronic Business, ICEB 2009
Conference date: November 30, 2009 - December 4, 2009
Conference location: Macau, China
Conference code: 95367
Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College
Publisher: CEUR-WS
Abstract: The Ministry of Food, Agriculture, Forestry and Fisheries (MIFAFF) in Korea has made an abundant effort to develop agricultural/rural informatization since the 1990's. Initially, it focused on the development of three different types of infrastructure to bridge the gap between rural and urban areas: household personal computer (PC) penetration, Internet use, and broadband Internet connection accessibility. The 81% of broadband accessibility in 2002 increased to 100% in rural areas in 2007. In addition, from 1998 to 2002, a total of 241,356 farmers took diverse education programs provided by MIFAFF. As a big effort from MIFAFF, Food and Agro-product e-commerce of Farmers has also increased continuously; as of 2009, its transaction is estimated as 1.89 billion USD. Many projects on u-Farm have been launched for future intelligent farming. However, MIFAFF are now facing new challenges.
Main heading: Rural areas
Controlled terms: Agricultural robots - Bridges - Electronic commerce - Electronics industry - Forestry - Personal computers
Uncontrolled terms: Agro-products - Broadband internet connection - Digital divide - Education programs - Informatization - Korean Government - Rural and urban - Urban and rural areas
Classification code: 401.1 Bridges
Bridges
- 722.4 Digital Computers and Systems
Digital Computers and Systems
- 723.5 Computer Applications
Computer Applications
Numerical data indexing: Percentage 1.00e+02%, Percentage 8.10e+01%
Database: Compendex
Compilation and indexing terms, Copyright 2021 Elsevier Inc.
Data Provider: Engineering Village

65. A design science approach to improve adherence on exercise plan via mobile application built by researchkit framework

Accession number: 20172703889039

Authors: Sun, Ruo-Ting (1); Hu, Hui-Chen (1); Chang, Hsin-Lu (1)

Author affiliation: (1) National Chengchi University, Taiwan

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Volume: 0

Part number: 1 of 1

Issue title: Proceedings of the 16th International Conference on Electronic Business: Internet Plus, ICEB 2016

Issue date: 2016

Publication year: 2016

Pages: 269-272

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 16th International Conference on Electronic Business, ICEB 2016

Conference date: December 4, 2016 - December 8, 2016

Conference location: Xiamen, China

Conference code: 128172

Publisher: CEUR-WS

Abstract: Introduction In the modern society, mHealth is an increasingly popular concept, which refers to the use of mobile technology to improve health outcomes and healthcare services at a low cost (Martin, 2012). According to Pew Research Center, in 2015, nearly two-thirds of American adults are now smartphone owners. One-fifth of smartphone owners utilize mobile apps to track or manage health (Fox and Duggan 2012). With the advance of science and technology, the growing number of applications are developed for self-managed health project. A wide variety of innovative functions are built to help people control diet or sport plan. Those applications provide all sorts of functions or graphical interfaces to assist users record data and keep tracking on their daily report. Currently, low proportion of health-care applications are designed for particular chronic disease group, such as hypertension, type 2 diabetes, coronary heart disease, stroke, osteoarthritis, respiratory problems and so forth. In medical industry, chronically ill patients often need more rigorous and long-term health control than ordinary people. In the United State, more than one-third of adults are obese and childhood obesity has become an increasing trend (Ogden, Carroll et al. 2015). The most common chronic disease related to obesity is "diabetes". In 2012, 29.1 million people or 9.3% of the U.S. population have diabetes and 27.8% of people with diabetes are undiagnosed (National Diabetes Statistics Report, 2014). As a consequence, our research is going to realize the performance of self-managed application on specific chronic disease - diabetes. According to the best diabetes applications of 2016 from 'healthline' website, we can roughly categorize those applications' main functions into four types. Data collection Basically, all diabetes applications provide data collection function as foundation. These types of applications pay more attention on how to analyze user data and how to present it more friendly through gorgeous graphics or spreadsheets. Diabetic patient social group These kinds of applications designed for diabetic patient to form social groups with a view to sharing information and exchanging useful experience with each other. It focuses more on social effects. Directions for diet and sport Some of diabetes applications give professional suggestion on patients' recipe and provide suitable exercise guideline for diabetic patients to learn and keep updating the newest information. Device-oriented Users are able to purchase device such as blood glucose meter and download related application. Device-oriented diabetic managed applications help patient track record more precisely. However, motivated effects of application for chronically ill patients in compliance with exercise plan according to doctors' instruction are more crucial than general public. Currently, less application has devoted to strengthen motivated effects so as to help diabetic patients achieve better performance on self-control plan. There have been several researches refer to the relationship between personality and performance. Discussions that concern personality as a valid predictor of job performance have flourished ever since Barrick and Mount (1991) conducted a substantial meta-analysis on the same topic. Few researches has studied the impact of personality on health managed performance. The Myers-Briggs Type Indicator or MBTI (Briggs-Myers & Briggs, 1985) is a popular and widely used personality analysis instrument. Accordingly, the objective of the research is to take MBTI test as basis to analyze personality and evaluate motivated effects on self-managed plan through mobile application. During the design process, the research utilizes design science research methodology described by Peffers (Peffers et al. 2007) to construct a mobile application. Design science is of importance in a discipline oriented to the creation of successful artifacts. In 2015, Apple Inc. has introduced ResearchKit open source framework which allows researchers and developers to create powerful apps for medical research. The ResearchKit framework offers a variety of customizable modules that include a survey engine, visual consent flow, and active tasks. Thus, we are able to better design our iOS mobile application via ResearchKit framework. Specifically, the research objective is to examine completion rate which stands for the performance of motivated effects based on different

notified messages pushed to people with various personality types, different frequency of motivational messages and feedback impact on individuals. Furthermore, we can develop strategies to improve the effectiveness of exercising motivation applications. Related Work In order to investigate effects of different messages on users with different personalities, the research refers to psychological theory describes by C.G. Jung (Jung et al., 1957). The essence of the theory is that much seemingly random variation in the behavior is actually quite orderly and consistent, due to basic differences in how people perceive and judge. To make the theory of psychological types understandable and useful, the Myers-Briggs Type Indicator (MBTI) instrument (Myers and McCaulley 1988) is one of the most widely adapted instrument. The Myers-Briggs Type Indicator (MBTI) is an introspective self-report questionnaire. It is a useful tool to indicate psychological preferences in how people make decisions. The test results can be used as the basis of further analysis. The whole results of MBTI test includes eight characteristics and sixteen kinds of personality types. MBTI assesses personality types by considering a person's preferences on four pairs of psychological types: Extraversion and Introversion (E, I) assess attitudes people use to direct their energy. Sensing and Intuition (S, N) refer to two ways of gathering information and understanding situations. Thinking and Feeling (T, F) are two ways in which to organize and structure information and come to a conclusion. Finally, Judging and Perceiving (J, P) describes how you like to live your outer life. For the sake of narrowing our analysis down, the research takes MBTI test to classified users into two types. We only collect data and distinguish users from selected two types of all result Categories-Thinking and Feeling. Adapting MBTI, we investigate how we can motivate people to exercise using messages designed based on their personality types. As a starting point, we focus on thinking or feeling preferences, as this dimension determine how people make decisions, which is the most relevant to our context. People with thinking (T) personality type prefer applying analytical and logical principles to make objective decisions, following clear and consistent principles. People with feeling (F) personality type may opt to make decisions by reference to their own and others' values, put more weight on personal concerns and the people involved. Based on these two types, we give specific message to each participant. In line with the theory and empirical evidence, we hypothesis that messages that are logical, making suggestions based on facts and scientific evidence are more effective in motivating thinking type person. While to motivate feeling type person, emotional messages that promote positive values (such as persistence, optimistic, etc) and provide emotional support (such as encouragement, inspiration, acknowledgment, etc) are more effective. Our aim is to verify that users will motivated by messages which meet users' personalities. Research Approach The design science research methodology is presented by Peffer(Peffers et al. 2007). There are six stages during the design process including problem identification and motivation, objective of a solution, design and development, demonstration, evaluation and communication. At the design stage, we focus on how message effect differed between participants with different personalities. Building on the design science theory, we developed an iOS application using ResearchKit. ResearchKit is an open source framework introduced by Apple in 2015. For medical research, ResearchKit framework enables our iOS app to become a powerful tool. Developers can use a variety of customizable modules such as informed consent, surveys and active tasks to build useful medical application. The benefits of using ResearchKit are: Low cost for large-scale data collection. Any iPhone user anywhere in the world can opt-in for the research by downloading the research application in an Apple store. Requires minimal programming expertise for application development. ResearchKit is composed of pre-constructed modules that make developing an application a much more efficient and easier task. Three basic modules include informed consents, surveys, and active tasks. Enables longitudinal tracking of participants. ResearchKit enables researchers to easily "follow" the participants with the application installed in participants' mobile phones. Provides real-time tracking and feedback. With the mobile application, researchers can track real time status of the participants and give feedback or suggest adjustments based on participants' performances. Collects many types of data. With the capability of iPhones, researchers can collect many types of data that were not possible to collect in the past, such as participants' location and movement. The purpose of the application is to help participants schedule personal exercise plan and make sure that they are indeed abide by the plans. We develop the application as a design artifact according to design science guideline described by Hevner (Henver et al., 2004). Within the search process during design, the instantiation we created to improve adherence is the solution to our research objective.

Number of references: 10

Main heading: Design

Controlled terms: Behavioral research - Costs - Data acquisition - Diseases - Electronic commerce - Feedback - Fruits - Function evaluation - iOS (operating system) - Medical applications - mHealth - Mobile computing - Motivation - Nutrition - Open source software - Population statistics - Smartphones - Sports - Surveys

Uncontrolled terms: Application development - Coronary heart disease - Design science - Design-science researches - Health care application - Myers-Briggs Type Indicators - ResearchKit - Science and Technology

Classification code: 461.3 Biomechanics, Bionics and Biomimetics

Biomechanics, Bionics and Biomimetics

- 461.7 Health Care

Health Care

- 718.1 Telephone Systems and Equipment

Telephone Systems and Equipment

- 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 731.1 Control Systems

Control Systems

- 821.4 Agricultural Products

Agricultural Products

- 911 Cost and Value Engineering; Industrial Economics

Cost and Value Engineering; Industrial Economics

- 912.4 Personnel

Personnel

- 921.6 Numerical Methods

Numerical Methods

- 971 Social Sciences

Social Sciences

Numerical data indexing: Percentage 2.78e+01%, Percentage 9.30e+00%

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

66. Recycling e-waste: A solution through third party recycler

Accession number: 20130716022220

Authors: Zhong, Hua (1); Schiller, Shu (2)

Author affiliation: (1) School of Management and Economics, Beijing Institute of Technology (BIT), Beijing, China; (2) Department of Information Systems and Operations Management, Raj Soin College of Business, Wright State University, Dayton, OH, United States

Corresponding author: Zhong, H.(zhonghua@bit.edu.cn)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: 9th International Conference on Electronic Business: Ubiquitous e-Services in Digital Society, ICEB 2009

Issue date: 2009

Publication year: 2009

Pages: 965-969

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 9th International Conference on Electronic Business, ICEB 2009

Conference date: November 30, 2009 - December 4, 2009

Conference location: Macau, China

Conference code: 95367

Sponsor: Chin. Univ. Hong Kong, Fac. Bus. Adm.; The Chinese University of Hong Kong, Chung Chi College

Publisher: CEUR-WS

Abstract: With 50 million metric tons of e-waste disposed worldwide each year, e-waste recycling has become an increasingly important issue globally. The U.S. alone generated a total of 3.01 million tons of e-waste in 2007, of which only 13.6% was recycled. Improper disposal of e-waste poses an immediate and prominent threat to environmental and public health. Many electronic vendors have initiated either the Extended Producer Responsibility or the Producer Stewardship and launched manufacturer-sponsored recycling programs. Many of these programs, however, are in trouble because of the fee generated for recycling, thereby blocking the road for effective actions. In this paper, we propose a third party recycler model as an alternative solution to e-waste recycling. The third party recycler works as the intermediary between consumers (source of e-waste) and electronic vendors (recipient of recycled items) to recycle disposed electronics properly. The proposed information system is composed of five modules and supports the business operations and functionalities of the third party recycler. We hope the third party recycler structure will be adopted globally in the near future.

Number of references: 20

Main heading: Electronic Waste

Controlled terms: Electronic commerce - Electronics industry - Health risks - Information systems - Information use - Recycling - Waste disposal - Wastes

Uncontrolled terms: Alternative solutions - Business operation - E-waste recycling - Extended producer responsibility - Producer responsibilities - Producer stewardship - Recycling programs - Third parties

Classification code: 452.3 Industrial Wastes

Industrial Wastes

- 452.4 Industrial Wastes Treatment and Disposal

Industrial Wastes Treatment and Disposal

- 461.7 Health Care

Health Care

- 723.5 Computer Applications

Computer Applications

- 903.3 Information Retrieval and Use

Information Retrieval and Use

Numerical data indexing: Percentage 1.36e+01%

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

67. Welcome message from conference chairs

Accession number: 20130716014158

Authors: Li, Eldon ; Yuan, Soe-Tsyr

Corresponding author: Li, E.

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB 2007 - Proceeding of the 7th International Conference on Electronic Business: "Service Innovation and Value Creation in Experience Economy"

Issue date: 2007

Publication year: 2007

Language: English

ISSN: 16830040

Document type: Journal article (JA)

Conference name: 7th International Conference on Electronic Business, ICEB 2007

Conference date: December 2, 2007 - December 6, 2007

Conference location: Taipei, Taiwan

Conference code: 95360

Sponsor: AdvenTech; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS, Tilburg University, Netherlands

Page count: 2

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

68. Social understanding of mobile communication technology

Accession number: 20130716014202

Authors: Chen, Wenshin (1); Sutanto, Peter (1)

Author affiliation: (1) Prairie View A and M University, United States

Corresponding author: Chen, W.(wechen@pvamu.edu)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB 2007 - Proceeding of the 7th International Conference on Electronic Business: "Service Innovation and Value Creation in Experience Economy"

Issue date: 2007

Publication year: 2007

Pages: 300-303

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 7th International Conference on Electronic Business, ICEB 2007

Conference date: December 2, 2007 - December 6, 2007

Conference location: Taipei, Taiwan

Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: As mobile communication technology continues to penetrate the global society, it becomes imperative for the research community to understand such extraordinary phenomenon, particularly in relation to the social context that largely shapes the innovation process. Primarily derived from fads/fashions and institutional theory, this study thus sets out to contribute social understanding to the existing body of knowledge. Factor and reliability analyses from 143 questionnaires revealed three distinctive components that were subsequently labeled as social coercion, normalization, and imitation, respectively. These emerging factors were consistent with conceptual definition and could thus serve as a valuable instrument for future studies.

Main heading: Mobile telecommunication systems

Controlled terms: Electronic commerce - Electronics industry - Factor analysis - Social aspects - Surveys

Uncontrolled terms: Coercion - Imitation - Mobile communication technology - Normalization - Social

Classification code: 723.5 Computer Applications

Computer Applications

- 901.4 Impact of Technology on Society

Impact of Technology on Society

- 922.2 Mathematical Statistics

Mathematical Statistics

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

69. Consumer trust in internet-based airline reservations

Accession number: 20130716014204

Authors: Liao, Ziqi (1); Shi, Xinping (1); Hung, Bill Wan Sing (1)

Author affiliation: (1) Hong Kong Baptist University, Hong Kong, Hong Kong

Corresponding author: Liao, Z.(victor@hkbu.edu.hk)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB 2007 - Proceeding of the 7th International Conference on Electronic Business: "Service Innovation and Value Creation in Experience Economy"

Issue date: 2007

Publication year: 2007

Pages: 310-311

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 7th International Conference on Electronic Business, ICEB 2007

Conference date: December 2, 2007 - December 6, 2007

Conference location: Taipei, Taiwan

Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: This paper explores consumer trust in Internet-based airline reservations using the data collected from individual consumers in Hong Kong. The empirical analysis shows that such attributes as perceived usefulness, ease of use, reputation, privacy, security and responsibility significantly influence consumer attitudes towards online airline reservation services. In addition, consumer attitudes are related to integrity, benevolence and ability, which in turn affect consumer trusting intentions to use online airline reservations. The research results in practically useful implications for improving Internet-based airline reservation services.

Number of references: 5

Main heading: Electronics industry

Controlled terms: Electronic commerce - Internet - Reservation systems

Uncontrolled terms: Consumer attitudes - Consumers - Ease-of-use - Empirical analysis - Internet based - Perceived usefulness - Research results - Service management

Classification code: 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

70. A new framework for analyzing internet business model: Cases of China

Accession number: 20130716014159

Authors: Gao, Ping (1)

Author affiliation: (1) University of Manchester, United Kingdom

Corresponding author: Gao, P.(ping.gao@manchester.ac.uk)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB 2007 - Proceeding of the 7th International Conference on Electronic Business: "Service Innovation and Value Creation in Experience Economy"

Issue date: 2007

Publication year: 2007

Pages: 1-11

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 7th International Conference on Electronic Business, ICEB 2007

Conference date: December 2, 2007 - December 6, 2007

Conference location: Taipei, Taiwan

Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: In the recent decades, we have witnessed the growth of information technology (IT) diffusion which has led to digital convergence. This new trend of technology development brings together the telecommunications operators and entertainment media to provide new kinds of business opportunities. However, the research of emerging business models is limited. Knowledge about environmental and technological mechanisms in the adoption of new business models is especially lacking. This paper investigates two cases in the entertainment industry in China - MyShow and Super Girl - initiated in 2004. A new framework for analyzing business model has been proposed based on current research.

Number of references: 45

Main heading: Electronics industry

Controlled terms: Electronic commerce - Entertainment - Internet

Uncontrolled terms: Business modeling - Business opportunities - China - Digital convergence - Internet business models - New business models - Technology development - Telecommunications operators

Classification code: 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

71. Why does differentiation strategy fail?

Accession number: 20130716014235

Authors: Liu, Tzu-Hsin (1); Wu, Heng-Hui (2); Chen, Tzu-An (1); Chen, Wei-Kuo (1)

Author affiliation: (1) Da-Yeh University, Taiwan; (2) Providence University, Taiwan

Corresponding author: Liu, T.-H.(thliu@mail.dyu.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB 2007 - Proceeding of the 7th International Conference on Electronic Business: "Service Innovation and Value Creation in Experience Economy"

Issue date: 2007

Publication year: 2007

Pages: 514-518

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 7th International Conference on Electronic Business, ICEB 2007

Conference date: December 2, 2007 - December 6, 2007

Conference location: Taipei, Taiwan

Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: Differentiation strategy has been considered critical for securing a competitive advantage. However, not all firms can create competitive advantages through differentiation. In this paper, we draw on a Taiwanese hotel, restaurant, and TV program provider to show why differentiation strategy fails. On the basis of these three cases, three failed differentiation strategies are proposed and a framework for implementing a differentiation strategy is provided. Finally, we present the discussion and conclusions for the theory and practice of differentiation strategy.

Number of references: 21

Main heading: Electronics industry

Controlled terms: Competition - Electronic commerce - Service industry

Uncontrolled terms: Competitive advantage - Differentiation strategies - Theory and practice - TV programs

Classification code: 723.5 Computer Applications

Computer Applications

- 911.2 Industrial Economics

Industrial Economics

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

72. Measuring the relationship under multichannel service quality

Accession number: 20130716014224

Authors: Liao, Chien-Hsiang (1); Yen, Hsiu-Ju Rebecca (1)

Author affiliation: (1) National Central University, Taiwan

Corresponding author: Liao, C.-H.(jeffen@gmail.com)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB 2007 - Proceeding of the 7th International Conference on Electronic Business: "Service Innovation and Value Creation in Experience Economy"

Issue date: 2007

Publication year: 2007

Pages: 433-441

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 7th International Conference on Electronic Business, ICEB 2007

Conference date: December 2, 2007 - December 6, 2007

Conference location: Taipei, Taiwan

Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: Many firms are apt to provide services through multiple channels recently. The trend of multichannel environments is expected to strengthen further as the use of Internet continues to grow and new technologies make available an increasing number of virtual channels of service delivery. Service quality research in traditional services and, more recently, in e-services tends to take a single-channel perspective. This article argues that a multichannel setting provides a broader conceptualization of service quality, and builds on existing research in e-services and extends the relationship quality measurement in marketing.

Number of references: 36

Main heading: Service industry

Controlled terms: Electronic commerce - Electronics industry - Quality of service

Uncontrolled terms: Multi-channel environment - Multi-channel services - Multi-channel setting - Multichannel - Multiple channels - Relationship qualities - Service Quality - Traditional services

Classification code: 723.5 Computer Applications
Computer Applications
Compendex references: YES
Database: Compendex
Compilation and indexing terms, Copyright 2021 Elsevier Inc.
Data Provider: Engineering Village

73. Mobile technology and culture change: A redefining view of time and space

Accession number: 20130716014160
Authors: Chen, Wenshin (1)
Author affiliation: (1) Prairie View A and M University, United States
Corresponding author: Chen, W.(wechen@pvamu.edu)
Source title: Proceedings of the International Conference on Electronic Business (ICEB)
Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)
Issue title: ICEB 2007 - Proceeding of the 7th International Conference on Electronic Business: "Service Innovation and Value Creation in Experience Economy"
Issue date: 2007
Publication year: 2007
Pages: 12-15
Language: English
ISSN: 16830040
Document type: Conference article (CA)
Conference name: 7th International Conference on Electronic Business, ICEB 2007
Conference date: December 2, 2007 - December 6, 2007
Conference location: Taipei, Taiwan
Conference code: 95360
Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan
Publisher: CEUR-WS
Abstract: The fast development of mobile technology in recent years has penetrated the global business world. Empirical studies, however, are substantially lagging behind this exponential technology expansion. This study thus seeks to provide a refreshing understanding of organizational changes enabled by mobile technology. More specifically, based on an interpretive approach, my study analyzes how mobile technology redefines the notions of time and space in the organization's routines and structures and how such redefining changes in turn subtly transform organizational culture. Valuable practical implications and future research directions are thus suggested.
Main heading: Telecommunication equipment
Controlled terms: Cell culture - Electronic commerce - Electronics industry
Uncontrolled terms: Future research directions - Interpretive - Interpretive approaches - Mobile Technology - Organizational change - Organizational cultures - Space - Time
Classification code: 723.5 Computer Applications
Computer Applications
Database: Compendex
Compilation and indexing terms, Copyright 2021 Elsevier Inc.
Data Provider: Engineering Village

74. Adoption of open-source software

Accession number: 20130716014230
Authors: Moeller, Steffen ; Schrey, Christoph (1)
Author affiliation: (1) University of Erlangen-Nuermberg, Germany
Corresponding author: Moeller, S.(steffen.moeller@googlemail.com)
Source title: Proceedings of the International Conference on Electronic Business (ICEB)
Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)
Issue title: ICEB 2007 - Proceeding of the 7th International Conference on Electronic Business: "Service Innovation and Value Creation in Experience Economy"
Issue date: 2007
Publication year: 2007
Pages: 478-483
Language: English
ISSN: 16830040

Document type: Conference article (CA)

Conference name: 7th International Conference on Electronic Business, ICEB 2007

Conference date: December 2, 2007 - December 6, 2007

Conference location: Taipei, Taiwan

Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: Although the open-source software (oss) adoption is highly discussed in public, the same topic has not drawn much attention in research. This work is closing the gap by presenting a detailed analysis of open-source software adoption. We construct a new model to explain the adoption of oss within this paper. Therefore, we do a meta-analysis of established oss migration studies and identify the factors which are influencing the decision to adopt oss in companies. To evaluate this model we perform a case study. The statistical results of this study are also used to classify and compare the influencing factors and the case study's participants.

Number of references: 21

Main heading: Open source software

Controlled terms: Electronic commerce - Electronics industry - Open systems

Uncontrolled terms: Adoption - Adoption model - Meta analysis

Classification code: 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

75. How do virtual teams work - A social relationship model by SEM

Accession number: 20130716014196

Authors: Liu, Ying Chieh (1); Lin, Chad (2); Huang, Yu-An (3)

Author affiliation: (1) Chaoyang University of Technology, Taiwan; (2) Curtin University of Technology, Australia; (3) National Chi Nan University, Taiwan

Corresponding author: Liu, Y.C.(allanliu@cyut.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB 2007 - Proceeding of the 7th International Conference on Electronic Business: "Service Innovation and Value Creation in Experience Economy"

Issue date: 2007

Publication year: 2007

Pages: 258-260

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 7th International Conference on Electronic Business, ICEB 2007

Conference date: December 2, 2007 - December 6, 2007

Conference location: Taipei, Taiwan

Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: Virtual teams have been brought the need for organizations to improve the performance of virtual teams. Among these key issues to be successful, social dimensions have been catching researchers and managers' attentions. Hence, this study derives a preliminary social relationship model from Powell et al's (2004) virtual team framework and conduct an experiment to validate it by SEM. The results reveal: (1) Communication has a positive impact on relationship building; (2) Relationship building has a positive impact on cohesion; (3) Relationship building has a positive impact on trust; (4) cohesion and trust have positive impacts on performance.

Number of references: 18

Main heading: Electronics industry

Controlled terms: Electronic commerce - Models - Scanning electron microscopy - Social aspects

Uncontrolled terms: Key Issues - Relationship building - Social dimensions - Social relationships - Virtual team

Classification code: 723.5 Computer Applications
Computer Applications
- 901.4 Impact of Technology on Society
Impact of Technology on Society
Compendex references: YES
Database: Compendex
Compilation and indexing terms, Copyright 2021 Elsevier Inc.
Data Provider: Engineering Village

76. Transactions behavior analysis for internet auction fraud

Accession number: 20130716014169
Authors: Ku, Yungchang (1); Chiu, Chaochang (1)
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Conference location: Taipei, Taiwan
Conference code: 95360
Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan
Publisher: CEUR-WS
Abstract: People often enmesh the Internet auction frauds which damage the benefits of Internet market and threaten transactions security. This research applies social network analysis and data mining to extract characteristic features from two random collected transaction datasets of Yahoo auction site. One dataset is used to construct prediction model and another is treated as validation. The average accuracy ratio of proposed model is at least 90%. The findings are: (1) the abnormal accounts involve circular transaction; (2) fraud accounts can accumulate higher positive reputations in very short time from its circular transaction and rarely play key nodes in transaction network.
Number of references: 24
Main heading: Data mining
Controlled terms: Crime - Electronic commerce - Electronics industry - Network security - Predictive analytics - Social networking (online)
Uncontrolled terms: Auction sites - Behavior analysis - Internet auctions - Internet markets - Key nodes - Prediction model
Classification code: 723 Computer Software, Data Handling and Applications
Computer Software, Data Handling and Applications
- 971 Social Sciences
Social Sciences
Numerical data indexing: Percentage 9.00e+01%
Compendex references: YES
Database: Compendex
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Data Provider: Engineering Village

77. Summary of a topical forum FAQ based on the Chinese composition structure

Accession number: 20130716014218
Authors: Tao, Yu-Hui (1); Liu, Shu-Chu (2); Lin, Chih-Lung (2)
Author affiliation: (1) National University of Kaohsiung, Taiwan; (2) National Pingtung University of Science and Technology, Taiwan
Corresponding author: Tao, Y.-H.(y tao@nuk.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)
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Language: English
ISSN: 16830040
Document type: Conference article (CA)
Conference name: 7th International Conference on Electronic Business, ICEB 2007
Conference date: December 2, 2007 - December 6, 2007
Conference location: Taipei, Taiwan
Conference code: 95360
Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan
Publisher: CEUR-WS
Abstract: An automatic multiple-document summarization system for producing frequently asked questions (FAQ) of a topical forum can save forum Webmasters a great deal of time in theory. This work will address summary composition issue of a previous work by proposing a structured presentation based on a four-part pattern of traditional Chinese articles. The result of the experiment shows that the enhanced system with both domain-terminology corpus methods produced a significantly better summary presentation than the original system. Recall rate and precision rate performance indices and user evaluations are also presented and discussed to show their practical implications.
Number of references: 12
Main heading: Electronics industry
Controlled terms: Electronic commerce
Uncontrolled terms: Composition structure - Frequently asked questions - Multiple documents - Presentation - Structured presentations - Summarization - Topical forum - User evaluations
Classification code: 723.5 Computer Applications
Computer Applications
Compendex references: YES
Database: Compendex
Compilation and indexing terms, Copyright 2021 Elsevier Inc.
Data Provider: Engineering Village

78. Cognitive learning theory: Applications to e-customization research and practice

Accession number: 20130716014206
Authors: Aljukhadar, Muhammad (1)
Author affiliation: (1) HEC, Montreal, Canada
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Source title: Proceedings of the International Conference on Electronic Business (ICEB)
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Publication year: 2007
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Language: English
ISSN: 16830040
Document type: Conference article (CA)
Conference name: 7th International Conference on Electronic Business, ICEB 2007
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Conference location: Taipei, Taiwan
Conference code: 95360
Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan
Publisher: CEUR-WS
Abstract: This paper reviews and synthesizes cognitive learning theory literature with potential applications to e-customization research and practice and highlights parallel work in online and offline marketing as well as information technology. A framework that provides a comparison of various learning theories with potential applications to e-

customization is presented. Major theories suggest heterogeneity among individuals with regards to cognitive learning styles and strategies. Findings also propose a positive effect of the congruency between consumer learning styles (strategies) and online message format (content) on communication efficiency, recall, attitude, and decision making. A synthesis review with potential research and managerial applications is furnished.

Number of references: 49

Main heading: Decision theory

Controlled terms: Decision making - Electronic commerce - Electronics industry

Uncontrolled terms: Cognitive learning - Cognitive learning theories - Cognitive styles - Communication efficiency - Heuristics - Learning Theory - Message format - Potential researches

Classification code: 723.5 Computer Applications

Computer Applications

- 912.2 Management

Management

- 961 Systems Science

Systems Science

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

79. Service industry business-customer encounters

Accession number: 20130716014180

Authors: Hamilton, John (1)

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Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Language: English

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Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: This study uses the pharmacy industry to demonstrate the applicability of a service value networks (SVNs) structural equation modeling (SEM) approach as new method to investigate services industries. The author's theoretically developed front-end business SVNs approach to customer engagement is modelled using observed business, customer and environmentally related variables. The business and the customer engage via multiple significant interaction pathways, which combine to deliver the net business-customer encounter outcome. This SVN SEM approach sheds new light on the complexities in delivering a business-customer exchange, and offers the manager an alignment tool that targets customer satisfaction, customer servicing and customer perceived value. This SVN SEM approach offers a more complex and engaging approach to that of customer relationship management (CRM).

Number of references: 38

Main heading: Electronics industry

Controlled terms: Customer satisfaction - Electronic commerce - Public relations - Sales - Service industry

Uncontrolled terms: Competitive - Performance - Service value network - Strategy - Structured equation modeling

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

80. Corporate e-banking: A study based on delone and McLean's is success model

Accession number: 20130716014176

Authors: Chang, Man Kit (1); Wu, Gordon (1)

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Corresponding author: Chang, M.K.(mkchang@hkbu.edu.hk)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Language: English

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Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: Although there are ample of studies dealing with retail internet banking, very few studies have investigated corporate internet banking. The objective of the current research is to study the determinants of the intention to continue use online banking of the existing corporate customers. This study collected data from 154 customers of an international bank to test a model developed from the DeLone and McLean's IS success model. The results show that system quality contributes most to the perception of overall quality of the corporate e-banking service as well as the impact on the future use intention. Other factors that are found to be important are human service quality, information quality, and accuracy and security of the system.

Number of references: 19

Main heading: Electronic commerce

Controlled terms: Banking - Electronics industry - Quality of service - Sales

Uncontrolled terms: Corporate customers - Corporate e-banking services - Electronic banking - Information quality - Internet banking - IS success model - Overall quality - Service Quality

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

81. Electronic information systems security

Accession number: 20130716014188

Authors: Tsai, Nancy (1)

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Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Language: English

ISSN: 16830040

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Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: The current global network infrastructure of the e-business has brought the information security systems to a new frontier. A detrimental destruction to an organization's information system can be done electronically through the Internet without the time restriction and from everywhere in the universe. Therefore, the security of protecting the information resources has become an essential management issue in any organization. This research attempts to determine how organizations are currently viewing the objectives of their information security systems and describing their relative success with the use of the available counter measurements against the traditional thieves and electronic crimes through a survey questionnaire.

Number of references: 4

Main heading: Information management

Controlled terms: Electronic commerce - Electronics industry - Information systems - Information use - Security of data - Security systems - Surveys

Uncontrolled terms: eBusiness - Electronic information - Global networks - Information resource - Management issues - Security - Time restriction

Classification code: 723.2 Data Processing and Image Processing

Data Processing and Image Processing

- 723.5 Computer Applications

Computer Applications

- 903.3 Information Retrieval and Use

Information Retrieval and Use

- 914.1 Accidents and Accident Prevention

Accidents and Accident Prevention

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

82. Internet banking adoption: The security information perspective

Accession number: 20130716014210

Authors: Lim, Nena (1)

Author affiliation: (1) University of Melbourne, Australia

Corresponding author: Lim, N.(limn@unimelb.edu.au)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Language: English

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Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: The objective of this paper is to examine the issue of Internet banking adoption from the perspective of the security information provided by banks on their Web-sites. Security policies provided on the Internet by eight Australian banks were examined and analyzed. Results show that apart from preventive measures, banks hardly disclose any information regarding other aspects of security such as detection. Apart from stating the security measures adopted by banks, most Web-sites have an extensive discussion of banks' expectation of users' roles in security maintenance. It is

also interesting to note that while all eight banks expect users to use anti-virus software and firewalls, only two banks indicate they use virus scanning tools.

Number of references: 1

Main heading: Computer viruses

Controlled terms: Banking - Computer system firewalls - Electronic commerce - Electronics industry - Websites

Uncontrolled terms: Antivirus softwares - Australian banks - Internet banking - Internet security - On-line banking - Preventive measures - Security maintenance - Security measure

Classification code: 723.2 Data Processing and Image Processing

Data Processing and Image Processing

- 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

83. A sliding-window approach to mining maximal large itemsets for large databases

Accession number: 20130716014162

Authors: Chang, Ye-In (1); Wu, Chen-Chang (1); Chen, Jiun-Rung (1); Chang, Yuan-Feng (1)

Author affiliation: (1) National Sun Yat-Sen University, Taiwan

Corresponding author: Chang, Y.-I.(changyi@cse.nsysu.edu.tw)

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Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: In this paper, we propose a Sliding-Window approach, the SWMax algorithm, which could provide good performance for both mining maximal itemsets and incremental mining. Our SWMax algorithm is a two-passes partition-based approach. For incremental mining, if an itemset with size equal to 1 is not large in the original database, it could not be found in the updated database based on the SWF algorithm. Our SWMax algorithm will support incremental mining correctly. From our simulation, the results show that our SWMax algorithm could generate fewer number of candidates and needs less time than the SWF algorithm.

Number of references: 14

Main heading: Data mining

Controlled terms: Association rules - Database systems - Electronic commerce - Electronics industry - Partitions (building)

Uncontrolled terms: Incremental mining - Item sets - Itemset - Large database - Maximal itemsets - Sliding Window

Classification code: 408.2 Structural Members and Shapes

Structural Members and Shapes

- 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 903.1 Information Sources and Analysis

Information Sources and Analysis

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

84. Conceptualizing a knowledge society in China: A ubiquitous perspective

Accession number: 20130716014211

Authors: Ge, Zhu (1); Sangwan, Sunanda (1); Pau, Louis-Francois (2); Ting-Jie, Lu (3)

Author affiliation: (1) Nanyang Technological University, Singapore, Singapore; (2) Rotterdam School of Management, Netherlands; (3) Beijing University of Posts and Telecommunications, China

Corresponding author: Ge, Z.(PG11904143@ntu.edu.sg)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

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Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: Developing Ubiquitous Network Societies (UNS) has been a subject of investigation in last decade. Several policy and technological projects have been proposed and implemented at global level to promote ubiquitous network. This paper focuses on China's preparation towards UNS by analyzing and evaluating the prerequisite technological developments that enable the construction of UNS. The objective of this paper is to identify the notable features of UNS in context to China. Being the nascent area of study our research approach is from technological perspective.

Number of references: 32

Main heading: Ubiquitous computing

Controlled terms: Electronic commerce - Electronics industry

Uncontrolled terms: China - Knowledge society - Research approach - Technological development - Technological perspective - Technological projects - Ubiquitous network societies - Ubiquitous networks

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

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Data Provider: Engineering Village

85. DEVELOPING strategy maps for the formulation of digital divides strategies

Accession number: 20130716014192

Authors: Yu, Chien-Chih (1); Wang, Hsing-I. (2)

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Corresponding author: Yu, C.-C.(ccyu@nccu.edu.tw)

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Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: Prior investigations commented that almost no country is completely ready to bridge digital divide due to the absence of the balance between strategizing, coordination and action. In the e-government sector, the links among strategic objectives, action plans, and performance measures related to strategies for reducing digital divides had been constantly overlooked. This paper aims at adopting and combining the concepts of strategy map and the balanced scorecard to fill up the absences. A generic model of digital divide strategy maps is presented and the steps of developing strategy maps are illustrated in detail as well.

Number of references: 32

Main heading: Electronics industry

Controlled terms: e-government - Electronic commerce

Uncontrolled terms: Balanced scorecards - Developing strategy - Digital divide - Digital divide strategies - Generic modeling - Government sectors - Performance measure - Strategic objectives

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

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