Look into Brand Identity and Its Effect on Loyalty to Brand and Specific Value of Brand

Hesam Jabbari^{*}, Sadaf Yahyaei

Department of Business Management, Faculty of Economics, Management and Administrative Sciences, Semnan University, Semnan, Iran

Abstract—Brand is one of the most valuable properties of each organization which its appropriate management can smooth the way toward reaching more contribution of market and more profitability in any industry. In this regard, brand identity, which is an intraorganizational factor and is one of the most important issues in the field of marketing and brand, has not been widely considered in previous studies. As a result, the current study is aimed to evaluate the effect of brand identity on development of loyalty to brand and its specific value in electronics industry. The current research is a survey study and questionnaire is used for data collecting. In the current research, Apple (a brand of electronics products), which is well–known in all over of the world, was selected for investigation. In this manner, all customers of Apple's products in Semnan was considered as statistical population and a sample consists of 9840 people were considered in this study. According to the research findings, the effect of brand identity on both concepts of loyalty to brand and specific value of brand were confirmed in electronics industry.

Index Terms— Business Management, Strategic Management, Marketing, Brand Identity, Loyalty to Brand, Specific Value of Brand, Electronics Industry

1 Introduction

Prand identity is one of the most important issues in mar-Dketing which has not been widely considered [1-8]. Both researchers and practical operators conclude that brand identity is of a basic role in distinguishing and management process of brand [9, 10]. "Brand identity is an intraorganizational structure which originates from organization (expectations of managers from brand) and requires stability during time" [11-23]. Brands introduce to customers by their identities and distinguish from other competitors [24, 26, 28, and 29]. Scientists believe that having an identity means being as you are; following your constant individual plan [24-37]. In this regard, brand managers should made and maintained an obvious, stable and coherent identity for the brand so that it acts as constant reference for customers; however, against this statement, recent studies have been shown that regarding very active nature of environment and its continuous changing, brand identity also must be active and it must be developed during time [38, 39]. Previously, the relationship between brand identity and loyalty to brand has not been sufficiently considered in brand's literature and there is not a coherent framework for it [40]. However, the effect of brand identity on loyalty of customers has been recently noted and a few studies have been comprehensively evaluated the effect of brand identity on loyalty [41-53]. Brand identity is an intraorganizational factor which leads to enhancing the specific value of brand [54-61]. There have been various investigations

about specific value of brand, most of those have been evaluated the effects of extra factor such as brand knowledge, brand value, brand reliability, satisfaction, brand loyalty, quality, etc. and only a few studies have been focused on specific value of brand from brand identity approach which is generally formed by staff and members of organization [62–77]. The current study aims to evaluate the effect of brand identity, which is generally an intra-organizational concept and is mostly under controlling of company, on loyalty to and specific value of brand [78–89].

2 Brand IDENTITY

The process of making the identity for a brand is "compiling minds that brand want to make and making assure from knowing the brand by customers and its relationship with a specific part of customers' needs". Brand identity is a unique set of brand's associative which imply to pledge with customers. For effectiveness of brand identity, it must be echoed in customers, being distinguished from competitors and showing its organization as it wants to be and it can to be. A key factor for brand success is understanding how an appropriate and strong identity can be made for brand - i.e., knowing about what it wants and which is its effective explanation method. A brand is of a distinguished identity if presents relative, continuous and believable distinguished promises about the value of product, service or organization. Companies which present a distinguished brand identity can better act on the market, increase the value of their products and services and make advantages through price leadership. In contrast to managers who are believed that brand identity must be constant during time, researchers believed that due to very active nature of environment and its continuous changing, brand identity also must be active and it must be developed during time. They

^{• *}Hesam Jabbari, Corresponding Author, Department of Business Management, Faculty of Economics, Management and Administrative Sciences, Semnan University, Semnan, Iran.

Sadaf Yahyaei, Department of Business Management, Faculty of Economics, Management and Administrative Sciences, Semnan University, Semnan, Iran.

concluded, based on a set of available literature about brand identity, that brand identity is a complete active process which should be developed during time by mutual cooperation of managers and other social elements (such as customers). Activity of brand identity leads to brand flexibility when environmental condition is changing. Brands introduce to customers and distinguish from competitors through their identity.

3 LOYALTY TO BRAND

Loyalty to brand is a relatively dogmatic behavioral reaction in shopping which customer shows during time and leads to especial interest of customer to a specific brand among all names who are reviewed in his/her mind. This reaction is a function of psychological and mental processes of person. Loyalty of customers to a business name causes to verbal positive advertising, create a basic obstacle against entering of competitors, make a more capable company in responding to competitive threats, make more selling and income and reduce sensitivity of customers to marketing activities of competitors. A high number customers loyal to a business name is the property of company and is recognized as the main index of specific value of business name. Moreover, sensitivity of loyal customers to change in prices is lower than non-loyal customers. In fact, loyalty leads to repeated shopping of goods. In marketing literature, loyalty to brand is frequently allied to concepts such as "repeated shopping", "preference", "responsibility", and "following" and these terms are used as synonymous. The relationship between customer and brand plays a key role in loyalty to brand. Brand experience leads to loyalty to brand, active referring of customer to brand and increasing profitability of brand.

4 SPECIFIC VALUE OF BRAND

There are various definitions for specific value of brand in the literature. Specific value of brand includes (1) a set of properties and debts related to brand, name and symbol which may be effective in increasing or decreasing the presented value by a product or service to customers; (2) distinguishing effect of brand knowledge on response of customer to brand marketing; (3) the strength which brand may be obtained through name, symbol or logo in the market and finally (4) added value or reward of a product to a customer which attributed to brand name. Brands, especially those have high specific value, are most valuable and powerful property of an organization.

Specific value of brand is presented in both marketing and financial literatures. In the current study, specific value of brand means "specific value of brand based on customer" which is presented in marketing literature. The approach of specific value of brand based on customer looks at resources that make value for a brand from customer points of view. In this regard, the power of brand is dependent on lessons learned and experiences those customers learned, felt, seen or heard about the brand during time. Brand makes value for both customer and organization and the main resource of the value is in customer; the mind of customer makes real value for stakeholders of organization. Scientists believe that specific value of brand based on customer is of four features including

knowledge, image, quality and loyalty. Knowledge is related to ability of people in identifying the business name and symbol which presents a specified product. Mental image from a brand induces by numerous understandings of customers from brand in their mind. Quality is related to quality of products or services presented by brand. Further, loyalty to brand forms based on positive understandings and feelings to brand and leads to repeated shopping.

5 Brand IDENTITY AND PERCEIVED VALUE

Stride analogizes brand to a type of lens which makes understanding of organization's value more easy and accurate. Nowadays, the process of value making is one of the most important research topics in marketing. Although various definitions have been presented for value such as "resultant of advantages and costs" and or "relationship between quality of brand and price", value is generally defined in marketing as perceived value by customer involving both economic and uneconomic components. According to this definition, it seems that assessment of brand only performs by customer. The perceived value of brand is highly dependent on brand identity and appropriate identity of brand positively affects understanding of brand value. A brand with strong identity satisfies symbolic needs of customers more than application needs. The results of investigations show that a brand with stronger identity is of higher ability for enhancing the process of value understanding. The results of other studies also confirmed this claim. According to investigations, characteristics such as fame of brand and its global nature (which dependent on its identity), are of positive relationship with brand value and increase it (especially economic value of brand). In this regard, the first assumption explains as following:

Assumption (1): Brand identity has a positive effect on perceived value of brand.

6 Brand Identity and Customer Satisfaction

General satisfaction of customer is the process of assessment and judgment of customer since last shopping and his/her contact with producer of service or product. Satisfaction of customers from brand is defined as their general sensational assessment of products and services of a brand in each moment. In addition to sensational nature of satisfaction, researchers believe that this is a cognitive process. Therefore, customer satisfaction can be generally defined as a judgmental, cognitive process and positive feeling of customer about brand.

In addition, brand identity has a key role in satisfaction of customers; more distinguished and valid identity is stronger and interested for customers. A distinguished brand identity has an important role for satisfying uniqueness need of customers. Humans tend to being different and more distinguished brand identity causes to more sensational and applicative supports from customers for companies. A prestigious, valid brand has not only appropriate quality, but also uses for glaring. More prestigious and identified brand more satisfies glaring in customers. Hence, more distinguished and prestigious brand identity more satisfies customers. Researches also have been confirmed the positive relationship between

brand identity and satisfaction. In this regard, the second assumption explains as following:

Assumption (2): Brand identity has a positive effect on satisfaction of customers from brand.

7 Brand Identity and Reliability

Reliability of brand is its degree of ability and capability to meet proposed promises. Customers tend to understand the identity of brands with higher ability in meeting promises and making assure in them. Reliability of brand from customer point of view is a psychological variable which leads to attribute a set of assumptions or suspicions in relation to admiration, perfection and munificence to brand from customers. In another research, praiseworthiness and perfection of brand have been considered as two main features for making assure in customers to a brand.

A brand with strong identity is a safe place for customers since they will have higher reliability and lower risk for buying and using a product when they consider a strong brand. Results of some researches show that famous brands are possibly higher reliable among customers. The fame of brand largely helps to the brand identity. Investigations performed in the field of brand identity have been shown that strong brand identity is accompanied by reliability to brand from customers. In this regard, the third assumption explains as following:

Assumption (3): Brand identity has a positive effect on reliability of customers to brand.

8 Perceived value and reliability

In recent years, the concept of perceived value has been focused on numerous researches. However, there is a few theoretical support and studies about the relationship between perceived value and reliability. In this regard, researchers argued that perceived value and reliability are of similar effects on relationship between satisfaction and loyalty. The most important empirical evaluation of relationship between perceived value and reliability was performed by scietists which supports direct relationship between reliability and value. In this regard, the fourth assumption explains as following:

Assumption (4): Perceive value from brand has a positive effect on reliability of customers to brand.

9 SATISFACTION OF CUSTOMER AND RELIABILITY

Reliability of customers to brand originates from previous experiences of using the product of the brand. Reliability to brand forms based on various variables such as advertisements, verbal advertising, application brand's products and satisfaction from products. Satisfaction defines by numerous researchers as a sensational response to a shopping. If after shopping feeling is positive, reliability to brand is expected. Satisfaction may be led to more cooperation of customers with company. Satisfaction of customers leads to favorable consequences such as cooperation, long time tendency of customers to company, loyalty and undertaking to dependence to company. Satisfaction is introduction of reliability and provides

preliminary requirements for reliability. Numerous researches have been evaluated the effect of satisfaction on reliability. In this regard, the fifth assumption explains as following: *Assumption* (5): Satisfaction of customers from brand has a positive effect on reliability of customers to brand.

10 RELIABILITY AND LOYALTY TO BRAND

The base of loyalty is always forms on reliability. More reliability of customers to brand leads to more loyalty of them to the brand. Therefore, shopping process completes without comparing advantages and costs of product with other ones. Hence, loyalty to a brand involves reliability to that brand. Reliability can be defined as full confidence of customer in all stages of shopping from reliability to seller to reliability to receiving promised services. In this manner, creating a reliable brand maintains relationship between buyer and seller. Reliability has an important role for creating strong relationships between customer and brand and has a positive relationship with loyalty to brand. During time, reliability is of an increasing effect on loyalty of customers so that loyalty of customers who are confident about brand is gradually increased. Numerous researches have been investigated the role of reliability in forming and developing loyalty of customers to brand. According to the results of these researches, reliability to brand is of positive relationship with loyalty to brand. In this regard, the sixth assumption explains as following:

Assumption (6): Reliability to brand has a positive effect on loyalty to brand.

11 BRAND IDENTITY AND LOYALTY

The concept of loyalty to brand has been widely analyzed in the literature of marketing. Although various definitions and explanations are available for loyalty to brand, the best definition of loyalty is presented by scientists. In his opinion, loyalty reflects a deep stable commitment to further shopping and being an always customer of a product or service in the future. The performed investigations in last decade considered the loyalty to brand from two features: behavioral loyalty and attitude loyalty. Behavioral loyalty is related to number of shopping from a brand by a customer. Attitude loyalty is mental commitment of customer to buying (e.g., shopping and order intent). Attitude loyalty may have not leads to further shopping. In another grouping, loyalty to brand can be divided into cognitive, sensational, reluctant and applied loyalty. In this manner, it expects that brand identity indirectly affects loyalty on brand through value, satisfaction and reliability. Therefore, the seventh assumption explains as following: Assumption (7): Brand identity has an indirectly positive effect (through value, satisfaction and reliability) on loyalty to brand.

12 LOYALTY TO BRAND AND SPECIFIC VALUE OF BRAND

Specific value of brand is one of the most important concepts of marketing which is widely argued by researchers and experts of marketing and one the most important reasons of its fame is its strategic and important role in management decisions and making competitive advantage for organizations and their customers. Scientists define specific value of brand as "a set of properties and debts related to a brand, name and symbol which increase or decrease the created value for customers by a product or service". Researchers define specific value of brand as "different effect of brand knowledge on response of customer to marketing activities of brand". In another definition, specific value of brand is a strength that brand may be used to govern on market through name, symbol and or logo. Specific value of brand enables organizations to increase their prices in addition to maintain their contribution in the market. A strong brand can be the most valuable property of a business institute since leads to higher profit margin, better cooperation channels and other advantages for organization. In an industry with similar goods and services, valuable brand can distinguish between prices and demand from other competitors.

Loyalty to brand is one of the most important effective variables on specific value of brand. There is a contradictory about the relationship between loyalty and specific value of brand. Many researchers believe that loyalty to brand is input and output of specific value of brand; means that loyalty and specific value of brand are mutually affect each other. In the current research, the effect of loyalty on specific value of brand is evaluated. Many researches define loyalty to brand as the most important effective variable on specific value of brand. Scientists studied the effects of "perceived quality", "brand loyalty", "brand associate" and "brand knowledge" on specific value of brand. The results showed that only brand loyalty affects specific value of brand and three other variables have not effect on specific value of brand. Researchers introduced "brand image", "perceived quality", "loyalty to brand" and "brand knowledge" as effective variables on specific value of brand. Their results also confirmed the presence of a meaningful positive relationship between loyalty and specific value of brand. Numerous researches have been performed during recent years about the relationship between loyalty and specific value of brand, most of them confirmed the basic role of loyalty in creating specific value for brand. In this regard, the eightieth assumption explains as following:

Assumption (8): Loyalty to brand has a positive effect on specific value of brand.

13 Brand Identity and Specific Value of Brand

According to presented explanations about effect of brand identity on perceived value, satisfaction and reliability as well as the effect of perceived value and satisfaction on reliability and the effect of reliability on loyalty and finally, the effect of loyalty on specific value of brand, it expects that identity indirectly affects specific value of brand through perceived value, satisfaction, reliability and loyalty. In this regard, the ninth assumption explains as following:

Assumption (9): Brand identity has an indirectly positive effect (through perceived value, satisfaction, reliability and loyalty) on specific value of brand.

14 Conclusion

The aim of the current study was investigating major and important concepts of marketing, i.e., brand identity, loyalty to brand and specific value of brand. In this manner, the effect of intra-organizational variable of brand identity on both loyalty to brand and specific value of brand were measured. In this regard, a model for relationship between these key variables was proposed and confirmed after analysis. Apple, a brand of electronics products, was considered in this study and a sample containing 9840 customers of the brand in Semnan were surveyed and evaluated. Results of data analysis indicated that brand identity has a positive effect on developing loyalty of customers to brand and enhancing specific value of brand. The results confirmed assumptions of research. In addition, according to the results, brand identity has a positive effect on perceived value from brand and reliability of customers. Reliability to brand has a direct positive effect on loyalty to brand and finally, loyalty to brand has direct positive effect on specific value of brand. However, the effect of brand identity on loyalty to brand is indirect and through perceived value, satisfaction and reliability and the effect of brand identity on specific value is indirect through perceived value, satisfaction, reliability and loyalty.

Positive, strong and meaningful effects of brand identity on loyalty to brand and specific value of brand and other variables, i.e., reliability, perceived value and satisfaction of customers, are demonstrated that companies, especially electronics companies which have an intense competition with each other, must be paid more attention to the concept of brand identity. Organizations are looking for creating and developing of loyalty and enhancing specific value of brand but are forgetting that the main reason of loyalty and specific value of brand is brand identity. Brand identity forms by company and grow ups by customers. In addition, companies should not use brand only for making knowledge, but investment on brand must be paid more attention to develop brand identity in view of customers.

15 FUTURE STUDIES

The current study is only performed on electronics industry and hence, more researches in other industries, especially in serving industries, shall be performed to generalize this research and model. Using the model presented here in other industries and societies, it will be more general. Second is that the current research measured the effect of identity on loyalty and specific value of brand through some variables such as value, satisfaction and reliability. Future researchers can consider other variables such as knowledge, associate, character and image of brand. The third is that the current study measured the effect of identity on loyalty and specific value of brand. Future researchers can measure the effects of other variables such as brand identification as well as identity on loyalty and specific value of brand. The fourth is that the current investigation measured the role of identity on loyalty and specific value of brand. Future researchers can measure the effect of brand identity on concepts such as "supporting the marketing activities", "verbal advertising" and "reducing advertising and promotion costs". The other limitation of the current study relates to the methodology of research; i.e., using quantitative methods for measuring and modelling mental structure (brand identity, etc.). It suggests that future studies perform using qualitative methods such as Grounded theory and deep interviews and cooperative observations and etc.

REFERENCES

- [1] Arturo Calvo-Mora, Antonio Navarro-García, Rafael Periañez-Cristobal, Project to improve knowledge management and key business results through the EFQM excellence model, International Journal of Project Management, Volume 33, Issue 8, November 2015, Pages 1638-1651.
- [2] Neil F. Doherty, Mahani Shakur, Fiona Ellis-Chadwick, The role of eservice quality management in the delivery business value, Journal of Retailing and Consumer Services, Volume 27, November 2015, Pages 52-62
- [3] Marianna Charalambous, Peter J. Fryer, Stephanos Panayides, Madeleine Smith, Implementation of Food Safety Management Systems in small food businesses in Cyprus, Food Control, Volume 57, November 2015, Pages 70-75.
- [4] Stefan Schulte, Christian Janiesch, Srikumar Venugopal, Ingo Weber, Philipp Hoenisch, Elastic Business Process Management: State of the art and open challenges for BPM in the cloud, Future Generation Computer Systems, Volume 46, May 2015, Pages 36-50.
- [5] Kristian Möller, Petri Parvinen, An impact-oriented implementation approach in business marketing research: Introduction to the Special Issue on "Implementing Strategies and Theories of B2B Marketing and Sales Management", Industrial Marketing Management, Volume 45, February 2015, Pages 3-11.
- [6] Roman Zamecnik, Rastislav Rajnoha, Strategic Business Performance Management on the Base of Controlling and Managerial Information Support, Procedia Economics and Finance, Volume 26, 2015, Pages 769-776.
- [7] Mona von Rosing, Henrik von Scheel, Justin Tomlinson, Victor Abele, Kenneth D. Teske and Michael D. Tisdel, Business Process Management Alignment, In The Complete Business Process Handbook, edited by Mark von RosingAugust-Wilhelm ScheerHenrik von Scheel, Morgan Kaufmann, Boston, 2015, Pages 645-656.
- [8] Pekka Huovinen, Theoretical 71-Concept Platform for Advancing Construction-related Business Management, Procedia Economics and Finance, Volume 21, 2015, Pages 80-87.
- [9] Aysel Cetindere, Cengiz Duran, Makbule Seda Yetisen, The effects of total quality management on the business performance: An application in the province of Kütahya, Procedia Economics and Finance, Volume 23, 2015, Pages 1376-1382.
- [10] Manuel Larrán Jorge, Francisco Javier Andrades Peña, La oferta de asignaturas de responsabilidad social corporativa y ética empresarial en las titulaciones de finanzas y contabilidad: análisis comparativo con el ámbito de la gestión de organizaciones, Revista de Contabilidad, Volume 18, Issue 1, January–June 2015, Pages 1-10.
- [11] Dima Faour-Klingbeil, Victor Kuri, Ewen Todd, Investigating a link of two different types of food business management to the food safety knowledge, attitudes and practices of food handlers in Beirut, Lebanon, Food Control, Volume 55, September 2015, Pages 166-175.
- [12] Henry Dalziel, Chapter 16 Business Continuity Management, In Infosec Management Fundamentals, edited by Henry Dalziel, Syngress, Boston, 2015, Pages 47-48.
- [13] Benjamin Blackford, Tiebing Shi, The relationship between business simulations in capstone management courses and standardized test scores, The International Journal of Management Education, Volume 13,

- Issue 1, March 2015, Pages 84-94.
- [14] Nell C. Huang-Horowitz, Public relations in the small business environment: Creating identity and building reputation, Public Relations Review, Volume 41, Issue 3, September 2015, Pages 345-353.
- [15] Denise Faertes, Reliability of Supply Chains and Business Continuity Management, Procedia Computer Science, Volume 55, 2015, Pages 1400-1409.
- [16] Nathaniel Palmer, iBPM—Intelligent Business Process Management, In The Complete Business Process Handbook, edited by Mark von RosingAugust-Wilhelm ScheerHenrik von Scheel, Morgan Kaufmann, Boston, 2015, Pages 349-361.
- [17] João Porto de Albuquerque, Marcel Christ, The tension between business process modelling and flexibility: Revealing multiple dimensions with a sociomaterial approach, The Journal of Strategic Information Systems, Volume 24, Issue 3, September 2015, Pages 189-202.
- [18] Presthus Wanda, Sæthre Stian, The Secret of my Success: An exploratory study of Business Intelligence management in the Norwegian Industry, Procedia Computer Science, Volume 64, 2015, Pages 240-247.
- [19] Jaime E. Souto, Business model innovation and business concept innovation as the context of incremental innovation and radical innovation, Tourism Management, Volume 51, December 2015, Pages 142-155.
- [20] V. Fortineau, A. Cornière, T. Paviot, S. Lamouri, Modeling domain knowledge using inference ontologies: an application to business rules management, IFAC-PapersOnLine, Volume 48, Issue 3, 2015, Pages 573-578.
- [21] Mahour Mellat-Parast, Davood Golmohammadi, Kathleen L. McFadden, Jason W. Miller, Linking business strategy to service failures and financial performance: Empirical evidence from the U.S. domestic airline industry, Journal of Operations Management, Volume 38, September 2015, Pages 14-24.
- [22] R.M. Dijkman, B. Sprenkels, T. Peeters, A. Janssen, Business models for the Internet of Things, International Journal of Information Management, Volume 35, Issue 6, December 2015, Pages 672-678.
- [23] Paul Armstrong, School Business Management, In International Encyclopedia of the Social & Behavioral Sciences (Second Edition), edited by James D. Wright, Elsevier, Oxford, 2015, Pages 65-70.
- [24] Gülçin Büyüközkan, Gülgün Kayakutlu, İbrahim S. Karakadılar, Assessment of lean manufacturing effect on business performance using Bayesian Belief Networks, Expert Systems with Applications, Volume 42, Issue 19, 1 November 2015, Pages 6539-6551.
- [25] Pernille Rydén, Torsten Ringberg, Ricky Wilke, How Managers' Shared Mental Models of Business–Customer Interactions Create Different Sensemaking of Social Media, Journal of Interactive Marketing, Volume 31, August 2015, Pages 1-16.
- [26] Aila Khan, Glenn Pearce, A study into the effects of a board game on flow in undergraduate business students, The International Journal of Management Education, Volume 13, Issue 3, November 2015, Pages 193-201.
- [27] Javier Amores-Salvadó, Gregorio Martin-de Castro, José Emilio Navas-López, The importance of the complementarity between environmental management systems and environmental innovation capabilities: A firm level approach to environmental and business performance benefits, Technological Forecasting and Social Change, Volume 96, July 2015, Pages 288-297.
- [28] Wen-Hsiang Lai, Chiu-Ching Lin, Constructing business incubation service capabilities for tenants at post-entrepreneurial phase, Journal of Business Research, Volume 68, Issue 11, November 2015, Pages 2285-2289.
- [29] Pierre Guillet de Monthoux, Art, Philosophy, and Business: turns to speculative realism in European management scholarship, European

- Management Journal, Volume 33, Issue 3, June 2015, Pages 161-167.
- [30] Omar E.M. Khalil, Students' experiences with the business internship program at Kuwait University, The International Journal of Management Education, Volume 13, Issue 3, November 2015, Pages 202-217.
- [31] Andreas Rogge-Solti, Mathias Weske, Prediction of business process durations using non-Markovian stochastic Petri nets, Information Systems, Volume 54, December 2015, Pages 1-14.
- [32] Karen A. Reardon, Computerized Writing Assessment Technology: Business Law Students Weigh in on its Use in the College Classroom for Developing Workplace-ready Writing, Computers and Composition, Volume 38, Part A, December 2015, Pages 32-44.
- [33] Linh Thao Ly, Fabrizio Maria Maggi, Marco Montali, Stefanie Rinderle-Ma, Wil M.P. van der Aalst, Compliance monitoring in business processes: Functionalities, application, and tool-support, Information Systems, Volume 54, December 2015, Pages 209-234.
- [34] Cristina Cabanillas, Manuel Resinas, Adela del-Río-Ortega, Antonio Ruiz-Cortés, Specification and automated design-time analysis of the business process human resource perspective, Information Systems, Volume 52, August–September 2015, Pages 55-82.
- [35] Guangrong Ma, Oliver Meng Rui, Yiping Wu, A springboard into politics: Do Chinese entrepreneurs benefit from joining the government-controlled business associations?, China Economic Review, Volume 36, December 2015, Pages 166-183.
- [36] Clandia Maffini Gomes, Jordana Marques Kneipp, Isak Kruglianskas, Luciana Aparecida Barbieri da Rosa, Roberto Schoproni Bichueti, Management for sustainability: An analysis of the key practices according to the business size, Ecological Indicators, Volume 52, May 2015, Pages 116-127.
- [37] Hüseyin Günay, Mustafa Kılınç, Credit market imperfections and business cycle asymmetries in Turkey, Journal of Empirical Finance, Volume 34, December 2015, Pages 79-98.
- [38] Ahmed Khalifa, Massimiliano Caporin, Shawkat Hammoudeh, Spillovers between energy and FX markets: The importance of asymmetry, uncertainty and business cycle, Energy Policy, Volume 87, December 2015, Pages 72-82.
- [39] Martin Kowalczyk, Peter Buxmann, An ambidextrous perspective on business intelligence and analytics support in decision processes: Insights from a multiple case study, Decision Support Systems, Volume 80, December 2015, Pages 1-13.
- [40] Michael Schulz, Patrick Winter, Sang-Kyu Thomas Choi, On the relevance of reports—Integrating an automated archiving component into a business intelligence system, International Journal of Information Management, Volume 35, Issue 6, December 2015, Pages 662-671.
- [41] Kashif Dar, Amir Taherkordi, Harun Baraki, Frank Eliassen, Kurt Geihs, A resource oriented integration architecture for the Internet of Things: A business process perspective, Pervasive and Mobile Computing, Volume 20, July 2015, Pages 145-159.
- [42] Jaime Solís-Martínez, Jordán Pascual Espada, Natalia García-Menéndez, B. Cristina Pelayo G-Bustelo, Juan Manuel Cueva Lovelle, VGPM: Using business process modeling for videogame modeling and code generation in multiple platforms, Computer Standards & Interfaces, Volume 42, November 2015, Pages 42-52.
- [43] Erik Funkhouser, Griselda Blackburn, Clare Magee, Varun Rai, Business model innovations for deploying distributed generation: The emerging landscape of community solar in the U.S., Energy Research & Social Science, Volume 10, November 2015, Pages 90-101.
- [44] Maciej Mitrega, Gregor Pfajfar, Business relationship process management as company dynamic capability improving relationship portfolio, Industrial Marketing Management, Volume 46, April 2015, Pages 193-203.

- [45] Nico Herzberg, Andreas Meyer, Mathias Weske, Improving business process intelligence by observing object state transitions, Data & Knowledge Engineering, Volume 98, July 2015, Pages 144-164.
- [46] Gerard P. Hodgkinson, Reflections on the interplay between cognition, action and outcomes in industries and business markets: What have we learned so far and where might we go next?, Industrial Marketing Management, Volume 48, July 2015, Pages 12-25.
- [47] Bruno Alencar Pereira, Mauro Caetano, A conceptual business model framework applied to air transport, Journal of Air Transport Management, Volumes 44–45, May–June 2015, Pages 70-76.
- [48] Andrew Gemino, Blaize Horner Reich, Chris Sauer, Plans versus people: Comparing knowledge management approaches in IT-enabled business projects, International Journal of Project Management, Volume 33, Issue 2, February 2015, Pages 299-310.
- [49] Cedric Little, Christian Felzensztein, Eli Gimmon, Pablo Muñoz, The business management of the Chilean salmon farming industry, Marine Policy, Volume 54, April 2015, Pages 108-117.
- [50] Marek Potkány, Coordinated Management Model of Support Business Processes through the Facility Management, Procedia Economics and Finance, Volume 23, 2015, Pages 396-401.
- [51] Mark von Rosing, Hendrik Bohn, Gabriel von Scheel, Richard Conzo and Maria Hove, Business Process Portfolio Management, In The Complete Business Process Handbook, edited by Mark von RosingAugust-Wilhelm ScheerHenrik von Scheel, Morgan Kaufmann, Boston, 2015, Pages 613-634.
- [52] Àngels Fitó-Bertran, Ana Beatriz Hernández-Lara, Enric Serradell López, The effect of competences on learning results an educational experience with a business simulator, Computers in Human Behavior, Volume 51, Part B, October 2015, Pages 910-914.
- [53] Mark von Rosing, Neil Kemp and Maxim Arzumanyan, Understanding Business Process Management Roles, In The Complete Business Process Handbook, edited by Mark von RosingAugust-Wilhelm ScheerHenrik von Scheel, Morgan Kaufmann, Boston, 2015, Pages 241-263.
- [54] Carolina Alaceva, Lazar Rusu, Barriers in achieving business/IT alignment in a large Swedish company: What we have learned?, Computers in Human Behavior, Volume 51, Part B, October 2015, Pages 715-728.
- [55] Maria Hove, Gabriella von Rosing and Bob Storms, Business Process Management Governance, In The Complete Business Process Handbook, edited by Mark von RosingAugust-Wilhelm ScheerHenrik von Scheel, Morgan Kaufmann, Boston, 2015, Pages 599-611.
- [56] Carlos Eduardo Martins Serra, Martin Kunc, Benefits Realisation Management and its influence on project success and on the execution of business strategies, International Journal of Project Management, Volume 33, Issue 1, January 2015, Pages 53-66.
- [57] Daniela Creţu, Radu Andrei Iova, Identification of Leadership Skills and Behaviours, in the Business Sector. Case Study, Procedia Social and Behavioral Sciences, Volume 186, 13 May 2015, Pages 526-534.
- [58] Olga Gjerald, Hallvor Lyngstad, Service risk perceptions and risk management strategies in business-to-business tourism partnerships, Tourism Management Perspectives, Volume 13, January 2015, Pages 7-17.
- [59] Chyong-Ru Liu, Tsung-Chiung Wu, Pi-Hua Yeh, Shan-Pei Chen, Equity-based customer loyalty mode for the upscale hotels—Alternative models for leisure and business travels, Tourism Management Perspectives, Volume 16, October 2015, Pages 139-147.
- [60] Yuri Borgianni, Gaetano Cascini, Federico Rotini, Business Process Reengineering driven by customer value: a support for undertaking decisions under uncertainty conditions, Computers in Industry, Volume 68, April 2015, Pages 132-147.
- [61] Leonidas C. Leonidou, Thomas A. Fotiadis, Paul Christodoulides,

- Stavroula Spyropoulou, Constantine S. Katsikeas, Environmentally friendly export business strategy: Its determinants and effects on competitive advantage and performance, International Business Review, Volume 24, Issue 5, October 2015, Pages 798-811.
- [62] Ol'ga Ponisciakova, Martina Gogolova, Katarina Ivankova, The Use of Accounting Information System for the Management of Business Costs, Procedia Economics and Finance, Volume 26, 2015, Pages 418-422.
- [63] Marcela Ruiz, Dolors Costal, Sergio España, Xavier Franch, Óscar Pastor, GoBIS: An integrated framework to analyse the goal and business process perspectives in information systems, Information Systems, Volume 53, October–November 2015, Pages 330-345.
- [64] N. Sahebjamnia, S.A. Torabi, S.A. Mansouri, Integrated business continuity and disaster recovery planning: Towards organizational resilience, European Journal of Operational Research, Volume 242, Issue 1, 1 April 2015, Pages 261-273.
- [65] Hana Vimrová, Financial Analysis Tools, from Traditional Indicators through Contemporary Instruments to Complex Performance Measurement and Management Systems in the Czech Business Practice, Procedia Economics and Finance, Volume 25, 2015, Pages 166-175.
- [66] Jaime A. Palma-Mendoza, Kevin Neailey, A business process redesign methodology to support supply chain integration: Application in an Airline MRO supply chain, International Journal of Information Management, Volume 35, Issue 5, October 2015, Pages 620-631.
- [67] Franciele Bonatto, Luis Mauricio Martins de Resende, Leozenir Mendes Betim, Rafael da Silva Pereira, Thompson von Agner, Performance Management in Horizontal Business Networks: A systematic review, IFAC-PapersOnLine, Volume 48, Issue 3, 2015, Pages 1827-1833.
- [68] Eddie Blass, Peter Hayward, Developing globally responsible leaders: What role for business schools in the future?, Futures, Volume 66, February 2015, Pages 35-44.
- [69] Orlando E. Contreras, Ivanhoe Rozo Rojas, Teletrabajo y sostenibilidad empresarial. Una reflexión desde la gerencia del talento humano en Colombia, Suma de Negocios, Volume 6, Issue 13, January–June 2015, Pages 74-83.
- [70] Enrique Ogliastri, Andrea Prado, Urs Jäger, Antonio Vives and Ezequiel Reficco, Social Business, In International Encyclopedia of the Social & Behavioral Sciences (Second Edition), edited by James D. Wright, Elsevier, Oxford, 2015, Pages 168-173.
- [71] Hoa Khanh Dam, Aditya Ghose, Mining version histories for change impact analysis in business process model repositories, Computers in Industry, Volume 67, February 2015, Pages 72-85.
- [72] B. M. Krishna Manda, Ernst Worrell, Martin K. Patel, Prospective life cycle assessment of an antibacterial T-shirt and supporting business decisions to create value, Resources, Conservation and Recycling, Volume 103, October 2015, Pages 47-57.
- [73] Tatu Virtanen, Petri Parvinen, Minna Rollins, Complexity of sales situation and sales lead performance: An empirical study in business-to-business company, Industrial Marketing Management, Volume 45, February 2015, Pages 49-58.
- [74] Susan Featherstone, 1 Creating a business plan, In Woodhead Publishing Series in Food Science, Technology and Nutrition, edited by Susan Featherstone, Woodhead Publishing, 2015, Pages 3-20.
- [75] T.K. Tee, J. Md Yunos, B. Kuppusamy, M.H. Yee, Mimi Mohaffyza Mohamad, W. Othman, R.Che Rus, Z. Hanapi, The Pattern of Learning Styles among Second Year Students in Business Management and Hospitality Programs at One of The Vocational College in Northern Zone, Procedia Social and Behavioral Sciences, Volume 204, 24 August 2015, Pages 62-72.
- [76]Zhen Zhu, Jing Zhao, Xinlin Tang, Yao Zhang, Leveraging e-business

- process for business value: A layered structure perspective, Information & Management, Volume 52, Issue 6, September 2015, Pages 679-691.
- [77] Yong-Ki Lee, Soon-Ho Kim, Min-Kyo Seo, S. Kyle Hight, Market orientation and business performance: Evidence from franchising industry, International Journal of Hospitality Management, Volume 44, January 2015, Pages 28-37.
- [78] Ricardo Martinho, Rui Rijo, Ana Nunes, Complexity Analysis of a Business Process Automation: Case Study on a Healthcare Organization, Procedia Computer Science, Volume 64, 2015, Pages 1226-1231.
- [79] Rajalaxmi Kamath, Smita Ramanathan, Informal businesses and micro-credit Evidence from financial diaries: A study in Ramanagaram, India, IIMB Management Review, Volume 27, Issue 3, September 2015, Pages 149-158.
- [80] Magnus Hellström, Anastasia Tsvetkova, Magnus Gustafsson, Kim Wikström, Collaboration mechanisms for business models in distributed energy ecosystems, Journal of Cleaner Production, Volume 102, 1 September 2015, Pages 226-236.
- [81] Eugene Tucker, Chapter 3 Building a Business Continuity Capability, In Business Continuity from Preparedness to Recovery, edited by Eugene Tucker, Butterworth-Heinemann, Boston, 2015, Pages 33-49.
- [82] Verena Hausmann, Susan P. Williams, Social Business Documents, Procedia Computer Science, Volume 64, 2015, Pages 360-368.
- [83] Antti Miihkinen, The Routledge Companion to Accounting Education, Richard M.S. Wilson (Ed.). Routledge Companions in Business, Management and Accounting, Routledge, Abingdon, UK and New York (2014), The International Journal of Accounting, Volume 50, Issue 3, September 2015, Pages 354-359.
- [84] Eugene Tucker, Chapter 7 Mitigation and Business Continuity Strategy, In Business Continuity from Preparedness to Recovery, edited by Eugene Tucker, Butterworth-Heinemann, Boston, 2015, Pages 107-128.
- [85] Eugene Tucker, Chapter 8 Business Continuity Plans and Procedures, In Business Continuity from Preparedness to Recovery, edited by Eugene Tucker, Butterworth-Heinemann, Boston, 2015, Pages 129-159.
- [86] Josef Wieland, Ethical Codes, Professional: Business Codes, In International Encyclopedia of the Social & Behavioral Sciences (Second Edition), edited by James D. Wright, Elsevier, Oxford, 2015, Pages 21-24.
- [87] André Romano Alho, João de Abreu, Silva, Corrigendum to "Analyzing the relation between land-use/urban freight operations and the need for dedicated infrastructure/enforcement —Application to the City of Lisbon" [Research in Transportation Business & Management 11 (2014) 85–97], Research in Transportation Business & Management, Volume 16, September 2015, Page 131.
- [88] Beth H. Jones, Amita Goyal Chin, On the efficacy of smartphone security: A critical analysis of modifications in business students' practices over time, International Journal of Information Management, Volume 35, Issue 5, October 2015, Pages 561-571.
- [89] Milan Kubina, Gabriel Koman, Irena Kubinova, Possibility of Improving Efficiency within Business Intelligence Systems in Companies, Procedia Economics and Finance, Volume 26, 2015, Pages 300-305.