The relationship between customer perceived value and e-loyalty-A case study on e-bookstore

翁湧金、陳建文

E-mail: 9222774@mail.dyu.edu.tw

ABSTRACT

Owing to the rapid development of information technology and market globalization, enterprises have encountered a strongly competitive stress of survival. Consequently, it is important to satisfy customer's requirements by using information technology and managerial skills effectively. This study is focuses on the relationship between customer's perceived value and e-loyalty. By using the factor analysis and path analysis, we identify the key factors for customer's perceived value of the e-bookstores. Then we analyze the relationship between them. From the study, it shows that the customer's perceived value of the e-bookstores includes safety of business transaction, integrity of product information, specificity of service, and the capability and user friendliness provided by the website. Each of these factors effects the customer satisfaction and e-loyalty positively. Therefore, finding customer's perceived value will help enterprises to extend customer's satisfaction and loyalty.

Keywords: Customer relationship management, customer's perceived value, customer satisfaction, e-loyalty, path analysis

Table of Contents

目錄 封面內頁 簽名頁 授權書	iv 中文摘要
v 英文摘要	vi 誌謝
vii 目錄	viii 圖目錄
xi 表目錄	xii 第一章 緒論
11.1 研究動機	1 1.2 研究目的
2 1.3 研究範	圍與限制3 1.4 研究流程
4 1.5 論:	文架構6 第二章 文獻排
討7 2.1 層	顧客關係管理7 2.1.1 顧客團
係管理系統架構與運作流程92.	1.2 顧客關係管理系統的導入與建置12 2.2 顧客
價值分析	.13 2.3 顧客價值管理15 2.
顧客認知價值	17 2.5 顧客滿意度
26 2.6 顧客忠誠度	
30 2.8 信任度	32 2.9 資產專屬性
34 第三章 研究方法與假設	37 3.1 因素分析
37 3.2 信度分析	38 3.3 效度分析
38 3.4 路徑分析	39 3.5 問卷發放與前測
40 3.6 研究構面與	變項45 3.7 研究假設
46 3.7.1 顧	客認知價值與顧客滿意度之關係47 3.7.2 顧客認知
價值與忠誠度之關係48 3.7	3 顧客滿意度與忠誠度之關係49 3.7.4 信任
對顧客滿意度與忠誠度之關係4	9 3.7.5 資產專屬性對網路忠誠度之關係50 第四
章 研究結果分析	52 4.1 樣本基本資料52
4.2 問卷之信度與效度分析	54 4.3 因素分析
55 4.4 顧客認知價值與網路忠誠度之路徑分析	57 第五章 結論
66 5.1 結論	66 5.2 研究貢獻
69 5.3 未來研究建議	70 參考文獻
72 附錄一	83 附錄二
	流程
基本作業流程9 圖 2.2 顧客	關係管理系統架構雛型11 圖 2.3 關係管理
	≥業創造與獲取顧客價值基本流程20 圖 2.5 利潤創造
系統28 圖 2.6	6 信任整合模式34 圖 3.1「顧客
認知價值 滿意度 網路忠誠度」路徑分析圖.51 圖	4.1「顧客認知價值 滿意度 網路忠誠度」路徑關係圖.65 表目錄
丰21 顧安認知價值完 盖	10 耒2 2 顧安訒知價值分類

表2.3 網路顧客認知價值	.25 表2.4 顧客類型	28
表3.1 顧客認知價值刪除問項列表	.42 表3.2 交易安全性構面表	42
表3.3 產品資訊內容完整性構面表	.42 表3.4 網站實用性構面表	43
表3.5 服務具體性構面表	.43 表3.6 網站易用性構面表	43
表3.7 產品品質與價格構面表	.43 表3.8 顧客滿意度構面表	44
表3.9 網路忠誠度構面表	.44 表3.10 信任度構面表	
44 表3.11 資產專屬性構面表	44 表3.12 顧客認知價值構面	
45 表3.13 顧客滿意度變項	46 表3.14 網路忠誠度變項46	
46 表3.15 信任度變項	46 表3.16 資產專屬性變項46	
46 表4.1 基本資料表	53 表4.2 信度分析摘要表	
54 表4.3 顧客認知價值構面因素分析結果	! 56 表4.4 顧客滿意度構面因素分析結果.	
度構面因素分析結果	!57 表4.6 信任度構面因素分析結果	
57 表4.7 資產專屬性構面因素分析經		
58 表4.9 估計與檢定結果	59 表4.10 研究假說檢定結果摘要	表
61		

REFERENCES

中文文獻 [1] 王希寧,網際網路對B2C企業顧客關係管理的影響 - 以券商及書店為例,政治大學科技管理學系碩士論文,(2000)。

- [2] 王保進,統計套裝程式SPSS與行為科學研究,松崗出版,(1997)。
- [3] 周文賢,多變量統計分析SAS/STAT使用方法,智勝出版,(2002)。
- [4] 吳明隆, SPSS統計應用實務, 松崗出版, (1999)。
- [5] 吳思華, 策略九說, 臉譜出版, (1996)。
- [6] 吳華閔,網站設計架構與價格促銷時機對消費者喜好程度與評價之影響,政治大學國際貿易學系碩士論文,(1999)。
- [7] 吳雅琪,影響網路書店消費者忠誠度形成因素之研究,政治大學國際貿易學系碩士論文,(2002)。
- [8] 林芸貞,網路商務之顧客價值探討 以圖書出版產品為例,東華大學企業管理學系碩士論文,(2000)。
- [9] 林清山,「線性結構關係」(LISREL) 電腦程式的理論與應用,測驗年刊,31輯,第149-164頁,(1984)。
- [10] 洪英瑞,網際網路之顧客服務策略-以運用網路下單之證券商為例,台灣大學工業工程學系碩士論文,(2000)。
- [11] 高靜怡,運用網際網路服務對顧客行為意向之影響 資訊不對稱下分析,銘傳大學國際企業管理學系研士論文,(2000)。
- [12] 閔庭祥,顧客關係管理系統之價值模型建構,中央大學資訊管學系博士論文,(2001)。
- [13] 郭欣惠,以交易成本理論探討顧客滿意度與忠誠度之關係-以入口網站及ISP市場為例,政治大學國際貿易學系碩士論文,(2000)。
- [14] 陳郁茹,藉由建立消費者網路購物之信任模式以提升顧客忠誠度,淡江大學資訊管理學系碩士論文,(2001)。
- [15] 陳致魁,關係品質對網路網書店顧客忠誠度影響之研究,大葉大學資訊管理研究所碩士論文,(1999)。
- [16] 張紹?,電子商店之關係品質模式-融合交易成本理論及科技接受模式的觀點,政治大學資訊管理研究所博士論文,(2002)。
- [17] 張雅蓉,顧客知覺價值與忠誠度之研究,台灣科技大學企業管理學系碩士論文,(2001)。
- [18] 張瑋倫,應用資料挖掘學習方法探討顧客關係管理問題,輔仁大學資訊管理研究所碩士論文,(1999)。
- [19] 溫石松, 顧客價值與網路忠認度之關係, 中興大學企業管理學系碩士論文, (2002)。
- [20] 劉智華,網站體驗與上站忠誠度之關係研究,中原大學資訊管理學系碩士論文,(2001)。
- [21] 遠擎管理顧問,顧客關係管理深度解析第二輯,遠擎管理顧問公司,(2002)。
- [22] 蕭富峰,內部行銷,天下文化,(1997)。 英文文獻 [1] Anckar, B., Walden, P., and Jelassi, T., "Creating customer value in online grocery shopping", International Journal of Retail & Distribution Management, 30, 211-220, (2002).
- [2] Bakos, J.Y., and Trecy, M.E., "Information technology and corporate strategy," MIS Quarterly, 10, 107-119, (1986).
- [3] Banker, R.D., and Kauffman, R.J., "Quantifying the business value of information technology: an illustration of the business value linkage framework," Working Paper, Stern School of Business, New York University, (1991).
- [4] Beckett-Camarata, E.J., Camarata, M.R., and Barker, R.T., "Integrating internal and external relationships through relationship management: a strategic response to a changing global environment," Journal of Business Research, 41, 71-81, (1998).
- [5] Butz, H.E., Jr., and Goodstein, L.D., "Measuring customer value: gaining the strategic advantage," Organizational Dynamics, 24, 63-77, (1996).
- [6] Churchill, G.A., Jr., and Suprenant, G., "Investigation into the determinants of consumer satisfaction," Journal of Marketing Research, 19, 491-504. (1982).
- [7] Cina, G., "Creating an effective customer satisfaction program," Journal of Consumer Marketing, 6, 31-40, (1989).
- [8] Crosby, L.A., Evans, K.R., and Cowels, D., "Relationship quality in service selling: an influence perspective," Journal of Marketing, 54, 236-245, (1990).

- [9] Day, R.L., and Hunt, H.K., "Toward a process model of consumer satisfaction, in conceptualization and measurement of consumer satisfaction and dissatisfaction?" Journal of the academy of Marketing science, 22, 99-113, (1994).
- [10] Dodds, W.B., Monroe, K.B., and Grewal, D., "Effects of price, brand and store information on buyer product evaluations," Journal of Marketing research, 8, 307-319, (1991).
- [11] Doney, P.M., and Cannon, J.P., "In examination of the nature of trust in buyer-seller relationships," Journal of Marketing, 61, 35-51, (1997).
- [12] Dyche, J., "The CRM handbook: a business guided customer relationship management," Addison-Wesley, (2002).
- [13] Eighmey, J., "Profiling user responses to commercial web sites," Journal of Advertising Research, 21-35, (1997).
- [14] Evans, G., "Measuring and managing customer value," Work Study, 51, 134-139, (2002).
- [15] Fornell, C., Michael, D.J., Eugence, W.A.J., and Bryant, B.E., "The American customer satisfaction index: nature, purpose, and findings," Journal of Marketing, 60, 1-13, (1996).
- [16] Frederick, J.O., and Salter, J.M., "Beyond customer satisfaction," Management Review, 5, 29-31, (1995).
- [17] Galbreath, J., "Relationship management environments," Credit World, 87, 14-21, (1998).
- [18] Gale, B.T., "Managing customer value: creating quality and service customer can see," The Free Press, (1994).
- [19] Ganesan and Shankar, "Determinants of long-term orientation in buyer-seller relationship," Journal of Marketing, 58, 1-19, (1994).
- [20] Gardial, S.F., Clemons, D.S., Woodruff, R.B., Schumann, D.W., and Burns, M.J., "Comparing consumers' recall of prepurchases and postpurchase evaluation experiences," Journal of Consumer Research, 20, 549-560, (1994).
- [21] Grewal, D., Monroe, K.B., and Krishnan, R., "The impact of technology on the quality-value-loyalty chain: a research agenda," Journal of the academy of Marketing science, 168-174, (2000).
- [22] Gwinner, Kevin, Dwayne Gremler and Mary Jo Bitner, "Relational benefits in service industries: the customer perspective," Journal of the academy of Marketing Science, 26, 101-114, (1998).
- [23] Hair, Jr., J.F., Anderson, R.E., and Black, W.C., "Multivariate data analysis," Macmillan Publishing Company, (1992).
- [24] Hall, D., "Computerization-where's the return on investment," Management Accounting, 75, 40-41, (1997).
- [25] Ho, D.C.K., and Cheng, E.W.L., "Quest for value mix," Managing Service Quality, 9, 204-208, (1999).
- [26] Ives, B., and Learmonth, G.P., "The information system as a competitive weapon," Communication of the ACM, 27, 1193-1201, (1984).
- [27] J reskog, K.G., and S rbom, D., "LISREL8: User's reference guide," IL: Scientific Software International, (1993).
- [28] John, T.O., and Sasser, Jr., W.E., "Why satisfied customers defect," Harvard Business Review, 73, 88-99, (1995).
- [29] Kandampully, J., and Suhartanto, D., "Customer loyalty in the hotel industry: the role of customer satisfaction and image," International Journal of Contemporary Hospitality Management, 346-351, (2000).
- [30] Kauffman, R.J., and Well, P., "An evaluative framework for research on the performance effects of information technology investment," Proceedings of the Tenth International Conference on Information Systems, Boston, Mass, (1989).
- [31] Kasper, H., "In problem perception, dissatisfaction and brand loyalty," Journal of economic psychology, 387-397, (1988).
- [32] Kelly, M.R., "Productivity and information technology: the elusive connection," Management Science, 40, 1406-1425, (1994).
- [33] Kenny, R.L., "The value of internet commerce to the customer," Management Science, 45, 533-542, (1999).
- [34] Kini, A., and Choobineh, J., "Trust in electronic commerce: definition and theoretical considerations," IEEE, (1998).
- [35] Kotler, P., "Marketing management: analysis, planning, implementation, and control," 7thed, Prentice-Hall Lazarus, R.S., Emotion and adoption. New York: Oxford University Press, (1991).
- [36] Kotler, P., Ang, S.H., Leong, S.M., and Tan, C.T., "Marketing management: an Asian perspective," Prentice Hall, Singapore, (1999).
- [37] Kotler, P., Swee, H.A., Siew, M.L., and Chin, T.T., "Marketing management: an Asian perspective, 8th Ed," Prentice Hall, (1996).
- [38] Kracklauer, A., Passenheim, O., and Seifert, D., "Mutual customer approach: how industry and trade are executing collaborative customer relationship management," International Journal of Retail & Distribution Management, 29, 515-519, (2001).
- [39] Lancioni, D., "The reporting relationship of customer service," Industrial Marketing Management, 24, 19-26, (1995).
- [40] Lapierre, J., "Customer-perceived value in industrial contexts," Journal of Business & industrial Marketing, 15, 122-140, (2000).
- [41] Lee, C.S., "Modeling the business value of information technology," Information & Management, 39, 191-210, (2001).
- [42] Lee, J., Kim, J., and Moon, J.Y., "What makes internet users visit cyber stores again? Key design factors for customer loyalty," Proceedings of the CHI 2000 conference on Human factors in computing system, 305-312, (2000).
- [43] Lee, M.K.O., "Comprehensive model of internet consumer satisfaction," Unpublished working Paper, city university of Hong Kong, (1999).
- [44] Malone, T.W., "Modeling coordination in organizations and markets," Management Science, 33, 1317-1332, (1987).
- [45] Mazumdar, T., "A value-based orientation to new product planning," Journal of Consumer Marketing, 10, 28-41, (1993).
- [46] McFarlan, W., "Information technology changes the way you compete," Harvard Business Review, 3, 98-103, (1984).
- [47] McKenzie, R., "The relationship-based enterprise: powering business success through customer relationship management," McGraw Hill, (2001).
- [48] Miller, J., "Information system effectiveness: the fit between business needs and system capabilities," Proceedings of the Tenth International Conference on Information Systems, Boston, Mass, (1989).

- [49] Mukhopadhyay, T., Kekre, S., and Kalathur, S., "Business value of information technology: a study of electronic data interchange," MIS Quarterly, 19, 137-156, (1995).
- [50] Naumann, E., "Creating customer value," Cincinnati, OH: Thompson Executive Press, (1995).
- [51] Neal, W.D., "Satisfaction is nice, but value drives loyalty," Marketing research, 21-23, (1999).
- [52] Oliver, R.L., "Satisfaction: a behavioral perspective on the consumer," Boston: McGraw-Hill, (1997).
- [53] Pedhazur, E.J., "Multiple regression in behavior research: explanation and prediction," New York: Hot, Rinehart and Winston, (1982).
- [54] Pennings, J.M., and Buitendam, A., "New Technology as Organizational Innovation," Cambridge, MA: Ballinger, (1987).
- [55] Peppard, J., "Customer relationship management in financial service," European Management Journal, 3, 312-327, (2000).
- [56] Pine, B.J., Rogers, M., and Peppers, D., "Do you want to keep your customer forever?" Harvard Business Review, 73, 103-108, (1995).
- [57] Porter, M.E., "Competitive advantage," New York: Free Press, (1985).
- [58] Porter, M.E., and Millar, V.E., "How information gives you competitive advantage," Harvard Business Review, 63, 149-160, (1985).
- [59] Puschmann, T., and Alt, R., "Customer relationship management in the pharmaceutical Industry," Proceedings of the 34th Annual Hawaii International Conferences, 2333 -2341, (2001).
- [60] Reichheld, F.F., "The loyalty effect," Harvard Business School Press, Boston, MA (1996).
- [61] Richmond and Alice, "Indicting online shoppers to buy: a human behavior study," Computer Network and ISDN System, 28, 1469-1480, (1996).
- [62] Ryals, L., and Knox, S., "Cross-functional issues in the implementation of relationship marketing through customer relationship management," European Management Journal, 19, 534-542, (2001).
- [63] Seen, J.A., and Gefen, D., "How managers assess the business value returned from information technology spending," Proceedings of the Thirty-First Hawaii International Conference, 6, 6-9, (1998).
- [64] Selnes, F., "In examination of the effect of product performance on brand reputation, satisfaction and loyalty," European Journal of Marketing, 27, 19-35, (1993).
- [65] Shapiro, C., and Varian, H.R., "Information rules: a strategic guide to the network economy," Boston: Harvard Business School Press, (1998).
- [66] Sheehan, K.B., and Hoy, M.G., "Dimensions of privacy concern among online consumers," Journal of the Academy of the Marketing Science, 23, 255-271, (1995).
- [67] Singh, J., and Sirdeshmukh, D., "Agency and trust mechanisms in consumer satisfaction and loyalty judgments," Journal of Academy of Marketing Science, 128, 150-167, (2000).
- [68] Smith, H., "The user-data processing relationship: a study in power and attitudes," Proceedings of the Tenth International Conference on Information Systems, Boston, Mass., (1989).
- [69] Smith, J.B., "Selling alliances: issues and insights," Industrial Marketing Management, 26, 146-161, (1997).
- [70] Stone, M., Woodcock, N., and Wilson, M., "Managing the change form marketing planning to customer relationship management," Long range Planning, 29, 675-683 (1996).
- [71] Slywotzky, A.J., "Value migration", Boston: Harvard Business School Press, (1996).
- [72] Szymanski, D.M., and Hise, R.T., "E-satisfaction: an initial examination," Journal of Retailing, 76, 309-322, (2000).
- [73] Theodorakis, N., Kambitsis, C., and Athanasios, L., "Relationship between measures of service quality and satisfaction of spectators in professional sports," Managing Service Quality, 11, (2001).
- [74] Thompson, H., "Customer-centered enterprise," McGraw Hill, (2001).
- [75] Walters, D., and Lancaster, G., "Value and information-concepts and issues for management," Management Decision, 37, 643-656, (1999).
- [76] Walton, O., and Anderson, Jr., "Customer relationship management in an e-business environment," IEMC '01 Proceedings, 311-316, (2001).
- [77] Wayland, R.E., and Cole, P.M., "Customer connections," 商周出版, (1999).
- [78] Williamson, O.E., "Markets and hierarchies: analysis and antitrust implications," New York: The Free Press, (1975).
- [79] Williamson, O.E., "The economic institutions of capitalism: firms, market, relational contracting," New York: The Free Press, (1985).
- [80] Woodruff, R.B., "Customer value: the next source for competitive advantage," Journal of the Academy of Marketing Science, 25, 139-153, (1997).
- [81] Zeithaml, V.A., "Consumer perceptions of prices, quality and value: a means-end model and synthesis of evidence," Journal of Marketing, 7, 2-22, (1988).
- [82] Zeithaml, V.A., Berry, L.L., and Parasuraman, A., "The behavioral consequences of service quality," Journal of Marketing, 60, 31-46, (1996). 参考網站: [1] Http://mail.ncku.edu.tw/~footingh/homepage/lisrel.htm [2] Http://www.ibm.com.tw