

以期望確認理論探討顧客購買線上旅遊產品行為之研究

張瓊文、許晉龍

E-mail: 9509798@mail.dyu.edu.tw

摘要

近年來，由於使用旅遊網站購買產品的人數不斷攀升，曾有專家預言，旅遊網站已經成為網路虛擬世界中，少數發展較成功的產業之一(Connolly et al.,1998；Millman, 1998)。1999年國內有高達3700多家旅遊網站的盛況，至今存留繼續經營的已不到50家，除了旅遊網站經營失利外，忽略了顧客再次購買意願的重要性。過去許多旅遊網站的相關研究中，皆在探討顧客科技接受程度或服務品質滿意度，卻忽略顧客使用購買產品與服務之後的感受及再購買意願。而本研究擬以期望確認理論(Expectation-Confirmation Theory, ECT)為基礎，發展一影響顧客持續使用旅遊網站之行為模式，探究顧客在使用旅遊網站並購買產品與服務之後，期望與實際認知的落差對滿意度是否有顯著影響。本研究透過電子問卷，收集有效樣本233位曾參與使用購買線上旅遊產品與服務之資料，透過敘述統計、因素及信度分析、路徑分析及T檢定等資料分析工具驗證所提出之理論。研究發現如下：1. 以期望確認理論為基礎，結合科技接受模式、交易成本、資訊品質、系統品質及服務品質，所建構出的旅遊網站顧客再購買意願模式，可以有效解釋旅遊網站中，影響顧客再購買意願之因素。2. 資訊品質、系統品質的優劣，對顧客使用旅遊網站的實際使用認知有用性、易用性及有趣性會有顯著影響。3. 服務品質對顧客使用旅遊網站之實際使用認知有顯著影響。4. 旅遊網站顧客的期望與實際使用認知之間的落差與服務品質，是影響顧客滿意度最重要的因素。5. 旅遊網站顧客的滿意度對再購買意願有顯著影響。

關鍵詞：旅遊網站；期望確認理論；交易成本；服務品質；再購買意願

目錄

封面內頁 簽名頁 授權書 iii 中文摘要 iv 英文摘要 vi 誌謝 vii 目錄 ix 圖目錄 xii 表目錄 xiii 第一章 緒論 1.1 研究背景 1 1.2 研究動機 3 1.3 研究目的 5 1.4 研究流程 5 第二章 文獻探討 2.1 期望確認理論 8 2.1.1 期望確認理論概說 8 2.1.2 期望確認理論構面定義 11 2.2 科技接受模式與有趣性 12 2.3 交易成本 15 2.4 資訊品質與系統品質 16 2.4.1 資訊品質 17 2.4.2 系統品質 19 2.5 服務品質 20 2.5.1 服務品質 21 2.5.2 服務品質定義 22 第三章 研究模型與假說 3.1 研究模型與假說 23 3.1.1 研究模型 23 3.1.2 構面定義 25 3.2 研究假設之建立 26 第四章 研究方法 4.1 研究量表設計 29 4.2 研究對象 32 4.3 先導測試(Pilot Test)分析結果 33 4.3.1 因素分析結果 34 4.3.2 信度分析結果 43 4.4 統計分析方法 44 第五章 資料分析 5.1 樣本基本資料分析 46 5.1.1 基本資料分析 46 5.1.2 樣本網路使用特性 48 5.2 正式問卷分析結果 49 5.2.1 因素分析結果 50 5.2.2 信度分析結果 59 5.3 假說檢定之路徑分析 60 5.3.1 路徑分析 61 5.3.2 多元共線性診斷 62 5.4 T檢定 64 5.5 個案訪談 65 5.5.1 個案訪談內容 66 5.5.2 個案分析 67 第六章 結論與建議 6.1 研究發現 69 6.2 管理意涵與建議 71 6.3 未來研究之建議 73 參考文獻 75 附錄一 後測研究問卷 82

參考文獻

楊國樞、文崇一、吳聰賢、李亦園(1989)。社會與行為科學研究法。臺北市:東華書局。歐陽崇榮(1990)。圖書館自動化系統評估模式之建立與應用。國立中央大學資訊管理研究所博士論文，未出版，桃園縣。賴義文(1993)。使用者觀點之資訊系統績效評估:以短式問卷衡量農會信用部系統績效之研究。私立淡江大學管理科學研究所碩士論文，未出版，臺北縣。Agarwal, R. & Karahanna, E. (2000), Time files when you 're having fun: Cognitive absorption and beliefs about information technology usage. MIS Quality, 24(4), 665-694. Ajzen, I. (1991), The Theory of Planned Behavior. Organizational Behavior and Human Decision Processes , 50, 179-211. Anderson, E. W., Sullivan, M. W. (1993), The Antecedents and Consequences of Customer Satisfaction for Firms. Marketing Science, 12(2), 125-143. Bailey, J. E. & Pearson, S. W. (1983), Development of a Tool for Measuring and Analyzing Computer User Satisfaction. Management Science, 29(5), 530-545. Bhattacherjee, A. (2001). Understanding Information Systems Continuance: An Expectation-Confirmation Model. MIS Quarterly , 25 (3), 351-370. Cheung, W., Chang, M. K., & Lai, V. S. (2000). Prediction of internet and World Wide Web usage at work: A test of an extended triandis model. Decision Support Systems, 30(1), 83-100. Coase, R. H. (1937), The Nature of the Firm, Econometrics, 4, 18-33. Connolly, D. J., Olsen, M. D. & Moore, R. G. (1998), The Internet as a Distribution Channel. Cornell Hotel and Restaurant Administration Quarterly, 8(4), 42-54. Cronin J. J., Jr. & S. A. Taylor, (1992), Measuring Service Quality: A Reexamination and Extension. Journal of Marketing, 56(3), 55-68. Dahlstrom R. & Nygaard A. (1999), An empirical investigation of ex post transaction costs in franchised distribution channels. Journal of Marketing Research, 36(2), 160 – 170. Davis, F. D., Bagozzi, R. P. & Warshaw, P. R. (1989), Perceived Usefulness, Perceived Ease of Use, and User Acceptance of Information Technology. MIS Quarterly, 13(3), 319-340. DeLone, W. H. & McLean, E. R. (1992), Information Systems Success: The Quest for the Dependent

Variable. *Information Systems Research*, 3(1), 60-95. Donovan, R. J. & Rossiter, J. R. (1982), Store Atmosphere: An Environmental Psychology Approach. *Journal of Retailing*, 58 (1), 34-58. Efraim Turban, Jae Lee, David King & H. Michael Chung (2000), Electronic Commerce: A Managerial Perspective (1st ed). Prentice-Hall, Inc.. Gefen, D., Karahanna, E., & Straub, D. W. (2003). Trust and TAM in online shopping: An integrated model. *MIS Quarterly*, 27(1), 51-90. Goodhue, D. L. (1998), Development and Measurement Validity of a Task-Technology Fit Instrument for User. *Decision Science*, 29(1), 105-138. Henson, R. K. (2001), Understanding internal consistency reliability estimates: A conceptual primer on coefficient alpha. *Measurement and Evaluation in Counseling and Development*, 34, 177-189. Hoffman, D.L., Novak T.P. and Peralta M. (1999), Building consumer 's trust online. *Communications of the ACM*, 42(4), 80-86. Hunt, H. K. (1977), CS/D-Overview and Future Research Directions. *Conceptualizion and Measurement of Consumer Satisfaction and Dissatisfaction*. Cambridge: Marketing Scioence Institute. Hwang, Y., & Yi, M. Y. (2002). Predicting the use of Web_based information system: Instrinsic motivation and self-efficacy. Eighth Americas Conference on Information Systems, 1076-1081. Keeney, R. L. (1999), The Value of Internet Commerce to the Customer. *Management Science*, 45(4), 533-542. Kehoe, C., Pitkow, J. & Rogers, J. (1998). GVU's 9th WWW User Survey. Retrieved July, 1998, from http://www.gvu.gatech.edu/user_surveys/survey-1998-04/reports/ Koufaris, M. (2002), Applying the Technology Acceptance Model and Flow Theory to Online Consumer Behavior. *Information Systems Research*, 13 (2), 205-223. Lederer, A. L., Maupin, D. J., Sena, M. P. & Zhuang, Y. (2000), The Technology Acceptance Model and the World Wide Web. *Decision Support Systems*, 29(3), 269-282. Lee, Y. W., Strong, D. M., Kahn, B. K. & Wang, R. Y. (2002), AIMQ: A Methodology for Information Quality Assessment. *Information and Management*, 40, 133-146. Legris, P., Ingham, J., & Collerette, P. (2003). Why do people use information technology? A critical review of the technology acceptance model. *Information & Management*, 40 (3), 191-204. Liang T. P. & Huang J. S. (1998), An empirical study on consumer acceptance of products in electronic markets: a transaction cost model. *Decision Support Systems*, 24(1), 29-43. Lin, J. C., & Lu, H. (2000). Towards an understanding of the behavioral intention to use a web site. *International Journal of Information Management*, 20(3), 197-208. Liu, C. & Arnett, K. P. (2000), Exploring the Factors Associated with Web Site Success in the Context of Electronic Commerce. *Information and Management* , 38 (1) , 23-34. Loiacono, E. T., Watson, R. T. & Goodhue, D. L. (2000), WebQual: A Web Site Quality Instrument. Working Paper. Worcester Polytechnic Institute. Luarn, P., Lin, H. H., (2005). Toward an understanding of the behavioral intention to use mobile banking, *Computers in Human Behavior*, 21, 873-891. Mahmood, M. A. (1987), System Development Methods - A Comparative Investigation. *MIS Quarterly*, 11 (3), 293-311. Mallach, E. (1988), Climbing Castle od Data, *Computer World*, 23. Martin R. (1988), Promoting patient satisfaction. *Annals of Emergency Medicine*, 17(1), 109-10. McKinney, V., Yoon, K. & Zahedi (2002), The Measurement of Web-Customer Satisfaction: An Expection and Disconfirmation Approach. *Information Systems Research*, 13(3), 296-315. Miller, H. (1996), The Multiple Dimensions of Information Quality. *Information Systems Management*, 13(2), 79-82. Miller, J. & Doyle, B. A. (1987), Measuring the Effectiveness of Computer-Based Information Systems in the Financial Services Sector. *MIS Quarterly*, 11(1) 107-124. Millman, H. (1998), Online Travel Arrangements Begin to Catch on. *Infoworld*, 20(9), 78. Moon, J. W. & Kim, Y. G. (2001), Extending the TAM for a World-Wide-Web Context. *Information and Management*, 38, 217-230. Myers, B. L., Kappelman, L. A., & Prybutok, V. R. (1997), A Comprehensive Model for Assessing the Quality and Productivity of the Information Systems Function: Toward a Theory for Information Systems Assessment. *Information System Success Measurement*, 10(1), 6-25. Nunnally, J. C. (1978), *Psychometric Theory* (2nd ed.). New York: McGrae-Hill. Olsen, S. O. (2002), Comparative Evaluation and the Relationship between Quality, Satisfaction, and Repurchase Loyalty. *Journal of the Academy of Marketing Science*, 30(3), 240-249. Oliver, R. L.(1980), A cognitive model of the antecedents and consequences of satisfaction decisions. *Journal of Marketing Research*, 17, 460-469. Pitt, L. F., Watson, R. T. and Kavan, C. B. (1995), Service quality: A measure of information systems effectiveness. *MIS Quarterly*, 19(2), 173-187.