

資訊科技服務對服務品質與關係品質影響之研究-以旅館業為例

林怡菁、賴其勛；汪睿祥

E-mail: 9315894@mail.dyu.edu.tw

摘要

為了維持競爭力，服務提供者漸漸增加消費者資訊科技(IT)服務的選擇。這些IT服務可以幫助服務提供者改善服務品質、財務績效、顧客滿意度和增進雙方關係品質，IT在服務產業而言有著舉足輕重的地位，因此我們必須瞭解消費者如何評估資訊產品和人員服務、評估IT服務對服務提供者整體服務品質的影響、最後是兩者間的關係品質。本研究之研究結果試列如下：1.旅館的顧客使用科技產品的態度和是否須與服務人員互動，兩者會影響到顧客所知覺整體服務品質。2.消費者所知覺的IT服務會影響到整體服務的品質。3.消費者對旅館整體服務品質的知覺會影響到與旅館間的關係品質。為了得到這些研究結果，提出了一個服務品質和關係品質的因果模式，且這些因果模式集中在消費者知覺IT服務和服務品質的連結上，這個假設模式樣本來自於五星級旅館的顧客，運用LIRSEL方法來檢測。

關鍵詞：資訊科技服務；自助科技服務；服務品質；關係品質

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參考文獻

中文: 1.行政院主計處民國九十年台閩地區工商及服務業普查結果提要分析 <http://www.dgbasey.gov.tw/census-n/two/del/ANALY.doc> 2.吳明隆，SPSS統計應用實務，2000，松崗電腦圖書資料股份有限公司 3.卓越雜誌，2003，6月，P168-170 4.黃俊英，企業研究方法，二版，2001，東華書局 5.郭獻元，『自助服務科技服務品質評量模式之研究』，國立台灣科技大學碩士論文，2003 6.陳榮宗，『影響策略、滿意度、與績效關係之研究 以汽車業為例』，大葉大學，2001 7.葉書芳，『服務品質、關係品質以及服務補救與顧客行為意向關係之實證研究』，國立成功大學碩士論文，2002 英文: 1.Anderson, E. and Weitz, B. (1989), " Determinants of Continuity in Conventional Industrial Dyads ", Marketing Science, Vol.8, pp.310-323 2.Anderson, J. C. and Narus, J. A. (1990) " A model of Distributor Firm and Manufacturer Firm Working Partnerships, " Journal of Marketing, Vol.54,pp.42-583. Anderson, James & David Gerbing,(1988) " Structural Equation Modeling in Practice A review and Recommended Two Step Approach " Psychological Bulletin, 103 pp. 411-423. 4.Alpar, Paul (1992), " Automation of Banking Function and Its Managerial Implications " , IEEE Transactions on Engineering Management.39 (4),pp.378-385 5.Bateson, J.E.G., and Hoffman K. G.,(2002) " Essential of Service Marketing: Concepts, Strategy, and Cases, Harcourt, Inc 6.Bateson. J.E.G. (1985) " self-service Consumer: An Explor TORY Study. " Journal of Retailing.61 (fall) pp.49-76 7.Berry, L.L. (1995) " Relationship Marketing of Services-growing Interest, Emerging Perspectives " , Journal of Academy of Marketing Science, Vol.23,No4,pp.236-245 8.Berkley, B.

and Gupta, A. (1994) , " Improving Service Quality with Information Technology " , International Journal of Information Management,Vol.14,pp.109-121 9.Bitner Mary Jo, Amy L. Ostrom, and Matthew L. Meuter (2002) " Implementing Successful Self-service Technologies " , Academy of Management Executive, Vol.16NO.4 10.Bitner, M.J.,B.H. Booms and M.S. Tetreault,1990, The Service Encounter: Diagnosing Favorable and Unfavorable Incidents, Journal of Marketing 54 (January) ,pp.71-84 11.Bowen, D.E., (1986) " Managing Customers as Human Resources in Service Organizations " , Human Resource Management 25 (3) pp.371-383 12.Breakwell, G.M.,C. Fife-schaw, T.Lee and J.Spencer (1986) , Attitudes towards New Technology in Relation to Social Beliefs and Group Memberships: A Preliminary Investigation. " Current Psychological Research and Review 5 (1) ,pp.34-47 13.Bentler & Bonnett (1980), " Significance Tests and Goodness of Fit in the Analysis of Covariance Structures " Psychological Bulletin, 88, pp.588-606. 14.Business Week , (1990) Service Pay is Fueling Inflation 26 (April 23) 15.Biter, M. J. , S. W. Brown, M. L. Meuter. (2000) " Technology Infusion in Service Encounters. " Journal of the Academy of Marketing Science 28 (1) pp.138-149 16.Bonfield, P. (1996) , " IT Helps Satisfy Customer Needs " , Management Today,5 December. 17.Curran James M., Mattew L. Meuter and Carol F. Surprenant (2003) , " Intention to Use Self-Service Technologies: A Confluence of Multiple Attitudes " , Journal of Service Research, Vol5,No3,pp.209-224 18.Cline,K. (1997) , " Call Centers: the Heart of Direct Banking, " Banking Strategies , November/December, pp.88-96 19.Chakravarty, S., Feinberg, R. and Widdow, R (1997) , " Reasons for Their Discontent " , Bank Marketing,Vol.29No.11, pp.49-52 20.Churchill, G.A. and C. Surprenant, " An Investigation into The Determinants of Customer Satisfaction, " Journal of Retailing,Vol.66,1990,pp.33-35 21.Crosby, L.A.,K.R. Evans and D. Cowles (1990) , " Relationship Quality in Services Selling: An Interperdonal Influence perspective, " Journal of Marketing,54 (2) pp.68-82 22.Cowles, D. (1989) " Consumer Perceptions of Interactive Media " , Journal of Broadcasting and Electronic Media 33 (1) pp.83-89 23.Cowles, D. and L.A. Crosby, (1990) " Consumer Acceptance of Interactive Media " , The Services Industries Journal 10 (3) ,pp.521-540 24.Dwyer, F. R., P.H Schurr and S. Oh, (1987) " Developing Buyer-Seller Relationship " ,Journal of Marketing, 51 (April) , pp.11-27 25.Dabholkar, Pratibha A., Kellaris, James J.,(1992) " Toward Understanding Marketing Students" Ethical Judgment of Controversial Personal Selling Practices " , Journal of Business Research. New York: Jun. Vol. 24, Iss. 4; pp. 313 26.Dabholkar. Pratibha A. (1996) " Consumer Evaluations of New Technology-Based Self-Service Option: An Investigation of Alternative Models of Service Quality. " International Journal of Research in Marketing 13 (1) pp.29-51 27.Dabholkar, P.A. (1994) " Incorporating Choice into an Attitudinal Framework: Analyzing Models of Mental Comparison Processes " , Journal of Consumer Research 21 (June) ,pp.100-118 28.Domegan, Christine T.,(1996) " The Adoption of Information Technology in Customer Service " , European Journal of Marketing.30(6),pp. 52 29.Domegan, Christine T. (1996), " The Adoption of Information Technology in Customer Service " , European Journal of Marketing. 30(6), pp. 52 30.Dicherson, M.D. and J.w. Gentry, (1983) , " Characteristics of Adopters and Non-adopters of Home Computers " , Journal of consumer Research 10 (September) , pp.225-235 31.Dorsch,M.J., Swanson, S.R. and Kelley, SW. (1998) " The Role of Relationship Quality in the Stratification of Vendors as Perceived by Customers " , Journal of the Academy of Marketing Science,Vol.26, No.2, pp.128-142 32.Dwyer, F.R., Schurr, P.H. and oh, S. (1987) , " Developing buyer-seller relationships " , Journal of Marketing,Vol.51,pp.11-27 33.Danaher, P. and Haddrell, V. (1996) " A Comparison of Question Scales Used for Measuring Customer Satisfaction. " , International Journal of Service Industry Management,Vol.7No.4,pp.4-26 34.Fiske, S.T., (1982) " Schema-triggered Affect, in :A.H.H Astorf and A.H. Isen, eds. " , Cognitive social psychology (Elsevier, New York) ,pp55-78 35.Forman, A.M. and V. Sriram (1991) " The Depersonalization of Retailing: Its Impact on the ' Lonely ' Consumer " , Journal of Retailing 67 (2) ,pp.226-243 36.Fornell, C. and Wernerfelt, B. (1987) , " Defensive marketing Strategy by Customer Complaint Management: a Theoretical Analysis. " Journal of Marketing Research, Vol.24,pp.337-346 37.Fornell, C. & Larcker, V. F. (1981), " Evaluating Structural Equation Models with Unobservable Variables and Measurement Error. " Journal of Marketing Research, 18, pp. 39-50. 38.Furey, T.R. (1991) " How information power can improve service quality, ' Planning Review,Vol19 NO.3,pp.24-26 39.Galbreath, J. (1998) " Web-based banking: creating a technology road map " , Credit World, Vol.86 No.5. .pp.24-28 40.Ganesan, S. (1994) " Determinants of long-term orientation in buyer-seller relationships " ,Journal of Marketing,Vol.58, .p.1-19 41.Garbarino, E. and M. S. Johnson(1999), " The different roles of satisfaction, trust, and commitment in customer relationships " , Journal of Marketing,63(2),pp.70-87 42.Globerson, S and Maggard, M.J. (1991) , " A Conceptual Model of Self-service, " International Journal of Operation 7 Production Management,Vol.11,No4,pp.33-43 43.Gummesson, E. (1987), " The New Marketing: Developing Long-Term Interactive Relationships " , Lonf Range Planning, 20(4), pp.10-20 44.Gronroos, C., (1982) " An applied service marketing theory, European Journal of Marketing 16 (7) ,pp.30-41 45.Gronroos, Christian(1984) " A Service Quality Model and Its Marketing Implications " , European Journal of Marketing,Vol.18, pp.37-45 46.Guity, M., (1992) " Consumer and employee roles in service encounters, in: J.F. Sherry, Jr. and B. Strernthal, eds., Advances in consumer research,Vol.19 pp.666-672 47.Gummesson, Everth (1991), " Truths and Myths in Service Quality " The Journal for Quality and Participation. Cincinnati Vol. 14, Iss. 4, pp. 28 48.Gummesson, E.(1992), " Using Internal Marketing to Develop a New Culture " The Case of Ericsson Quality. Journal of Business and Industrial Marketing, 2(3), pp.23-28 49.Haywood-Farmer (1988) " A conceptual Model of Service Quality " , International Journal of Operation & Production Management, Vol.8,No.6, pp.19-29 50.Heskett, J.L., Thomas O.J., Loveman, G.W.,W Earl Jr Sasser and Leonard A. Schlesinger(1994) " Putting the service4-profit chain to work " , Harvard Business Review,72(2),pp.164-172 51.Henry,J. and Stone, R. (1994) , " A structural equation model of end-surer satisfaction with a computer-based medical information system " , Information Resources Management journal, Vol.7 No.3, pp.21-33 52.Hennig-Thuran, T. and Klee, K. (1997) , " The Impact of Customer Satisfaction and Relationship Quality on Customer Retention: A Critical Reassessment and Model Development, " Psychology and Marketing,14 (8) ,pp.797-64 53.John Emerson.(1998)

" Information technology: The key to successful 1:1 relationships " Managed Healthcare. Apr 8(4) pp. 16 54.Joreskog, K.G., and Sorbom, D.,(1993), " LISREL8 User ' s Reference Guide Chicago: Scientific Software 55.Johnson, M.D., (1984) " Consumer choice strategies for comparing noncomparable alternatives " , Journal of Consumer Research,11 (December) ,pp.741-753 56.Jones, T. O. and W. E. Sasser, (1995) " Why Satisfied Customer Defend, " Harvard Business Review,73(6),pp.88-99 57.Kelley, S.W.J.H. Domnelly, Jr. and S.J. Skinner, (1990), " Customer participation in service production in service production and delivery " Journal of Retailing 66 (3) ,pp.315-335 58.Kauffman, Robert J. and Laura Lally (1994) , " A Value Platform Analysis Perspective on Customer Access Information Technology, " Decision Sciences, 25 (September /December) , pp.767-794 59.Kettingrt, W.J., and Lee C.C.(1997), " Pragmatic Perspectives on the Measurement of Information Systems Service Quality, " MIS Quarterly, 21, pp.223-240 60.Kelley, Maryellen R (1994) , " Productivity and Information Technology: The Elusive Connection " , Management Science,40 (11) pp.1406-1425 61.Keith Roberts, Sajeev Varki, and Rob Brodie (2003) , " Measuring the quality of relationships in consumer service :an empirical study. " European Journal of Marketing. Vol.37 No1-2,pp.169-196 62.Kotler P., (1991) " Englewood Cliffs ,New Jersey: Prentice Hall Inc " , Marketing Management: Analysis, Planning, Implementation, and Control ,7th ed. 63.Kotler P.,(1991) " Marketing Management: Analysis, Planning, Implementation, and Control " ,7th ed., Englewood Cliffs, New jersey: Prentice Hall Inc. 64.Kumar, N., L. K. Scheer and J.B. Steenkamp, (1995) " The effects of supplier fairness on vulnerable resellers, " Journal of Marketing Research,32 (1) ,pp.54-65 65.Lagace, R.R., Dahlstrom, R. Gassenheimer, J. B. (1991), " The Relevance of ethical salesperson behavior on relationship quality: The pharmaceutical industry " ,Journal of Personal Selling and Sales Management,11(4),pp.39-47 66.Langeard. Eric. John Batesin. Christopher H. Lovelock, and Pierre Eiglier (1981) " Service Marketing: New Insights from Consumers and Managers " Report No.81-104.Cambridge.MA: Marketing Science Institute. 67.Lehtinen, Uolevi and J.R. Lehtinen (1982) " service quality: A Study of Quality Dimensions, Unplished Working Paper " , Service Management Institute, Helsinki. 68.Ledingham, J.A., (1984) " Are consumers ready for the information age? " Journal of Advertising Research 24 (4) , pp.31-37 69.Levitt, Theodore,(1972) " Production-Lion Approach to Service " , Harvard Business Review, Vol.50, Sep/Oct ,pp.41-52 70.Liljander, V. and T. Strandvik, (1993b) " Different Comparison Standards as Determinants of Service Quality. " Journal of Consumer Satisfaction Dissatisfaction and Complaining Behavior, Vol6, pp.118-132 71.Liljander,V. and Strandvik, T. (1995) " The nature of customer relationships in services " ,inSwartz, T.A., Brwen, D.E. and Brown, S.W. (Eds) ,Advances in Services Marketing and Management: Research and Practice, Vol.4, JAI Press ,Inc .,Greenwich ,CT pp.141-167 72.Lerew, T. (1997) , " Technology raises the standard of satisfaction " , Credit Union Magazine ,VOI.63, No8,pp.8-9 73.Martin,Williams B., " Defining What Quality Service Isfor you ? " ,Cornell Hotel & Restauruant Administration Quarterly,16,4, Fed.,(1986),pp.32-88 74.McDougall, G.H.G and Levesque, T.J.(1994) " Benefit segmentation using service quality dimensions: an investigation in retail banking " , International Journal of Bank Marketing, Vol. 12No.2, pp.15-23 75.Meuter, Matthew L. and Hocevar (1985) , " Self-Service Technologies: Extending Service Frameworks and Identifying Issues for Research. " In Marketing Theory and Applications, Dhruv Grewal and Connie Pechman. eds. Chicago: American Marketing Association. 9 pp.12-19 76.Meuter, Matthew L. and Mary Jo Bitner (1998), " Self-Service Technologies Extending Service Frameworks and Identifying Issues for Research. " In Marketing Theory and Applications, Dhruv Grewal and Connie Pechman. 25(September) pp50-64 77.Meuter. Matthew L. Amy L. Ostrom. Roben J. Roundtree. and Mary Jo Bitne. (2000) " Self-Service Technologies: Understanding Consumer Satisfaction With Technology-Based Service Encounters " Journal of Marketing 64 (3) pp.55-64 78.Morgan, R.M. and Hunt, S.D. (1994) , " The commitment-trust theory of relationship marketing, " Journal of Marketing, Vol. 58, No3, pp.20-38 79.Moorman, C.,R.R Deshpande and G.Zaltman (1993) , " Factors in Affecting Trust is Market Research Relationships " , Journal of Marketing,Vol.57, pp.81-101 80.Mills,P.K.and J.H. Morris (1986) , " Clients as ' partial ' employees of service organizations: Role development in client participation , Academy of Management Review 11 (4) ,pp.726-735 81.Mick, David G and Susan Fournier (1998) " Paradoxes of Technology : Consumer Cognizance, Emotions and Coping Strategies. " Journal of Consumer Research,25 (September.) pp.50-64 82.Parasuraman, A., V.A, Zeithaml, and L. L. Berry (1988) , " ERVQUAL:A Multiple-Item Scale for Measuring Consumer Perceptions of Service Quality. " Journal of Rwtailing, 64 (1) , pp.12-40 83.Parasuraman, A., Zeithaml, V.A., and Berry, L.L. (1991) " Refinement and Reassessment of the SERVQUAL Scale " , Journal of Retailing, Vol.67 , pp.420-450 84.Parasuraman. A. (1996) " Understanding and Leveraging the Role of Customer Service in External Interactive and Internal Marketing. " Paper presented at Frontiers in service Conference. Nashville. TN (October) 85.Parasuraman,, Zeithaml, and Berry (1985) , " Conceptual Model of Service Quality and Its Implications for Future Research, Journal of Marketing,49 (fall) ,pp.44-50. 86.Rugimbana, Robert, Iversen, Philip., (1994) " Perceived attributes of ATMs and their marketing implications " The International Journal of Bank Marketing,12(2),pp.30 87.Rugimbana, Robert(1995) " Predicting automated teller machine usage: The relative importance of perceptual and demographic factors " The International Journal of Bank Marketing13(4), pp. 26 88.Pease, J. (1998) " Using technology to move beyond customer satisfaction, " Health Management Technology,March,pp.39-41 89.Reichheld, F. and Sasser ,W.E. (1990) , " Zero defections : quality comes to services " , Harvard Business Review, Vol.68, p.p.105-111 90.Randle, W.M. (1995) " Delivering the future: redefining the role of banks in a new competitive environment " , Bank Management, January/February, pp.45-48 91.Sasser, W.E., R.P. Olsen, Jr., and D.D Wyckoff. (1978) " Text and Cases, Boston: Allyn and Bacon " , Management of Service Operations,pp.33-54 92.Schneider,B. and D.E. Bowen, (1985) " Employee and customer perceptions of device in banks " ,Journal of Applied psychology ,70 (3) ,pp.423-433 93.Storbacka, K., Strandvik, T. and Gronroos, C. (1994) " Managing customer relationships for profit: the dynamics of relationship quality " , International Journal of Service Industry Management, Vol.5 No.5,pp.21-38 94.Solomom, M.R., C.F. Surprenant, J.A. Czepiel and E.G. Gutman (1985) , " A role theory perspective on dyadic interactions: The service encounter " , Journal of Marketing 49 (Winter) ,pp.99-111 95.Surprenant, C.F. and M.R.

Solomon, (1987) " Predictability and personalization in the service encounter " Journal of Marketing 51 (2) ,pp.86-96 96.Storbacka, K., T. Strandvik and C. Gronroos (1994) , " Managing Customer Relationships for Profit: the Dynamics of Relationship Quality. " International Journal of Service Industry Management,5 (5) pp.21-38 97.Smith, B. (1998) , " Buyer-seller Relationships: Bonds Relationship management, and sex-type " Canadian journal of administrative sciences, 15(1), pp.76-92 98.The New York Times, (1989) " The Powerful push for self-service " April 9 ,S3-1 99.Tam, Jackie L.M. and Y.H. Wong(2001), " Interactive selling: a dynamic Framework for services " , Journal of Services Marketing , Vol.15(5), PP.379-396 100.Wilson, D.T. (1995) , " An integrated model of buyer-seller relationships, " Journal of the Academy of Marketing Science,23 (4) ,pp.335-345 101.Zhu Faye X,Walter Wymer Jr, and InJazz Chen (2002) , " IT-based services and service quality in consumer banking. " International Journal of Service Industry Management, 13 (1) ,pp.69 102.Zeithaml, V.A., Berry, L.L. and Parasuraman, A. (1996) , " The behavioral consequences of service quality, " Journal of Marketing, Vol.60, pp.31-46