

The research model of accepting diagnosis system for behavior middle age and senior doctors- sampling from the basic...

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ABSTRACT

National health insurance bureau (abbreviated as NHIB) has promoted IC card policy since 1993. Among its contract medical organizations, hospitals are little affected due to their own robust information system support. However, the local clinics are greatly impacted because new computer technique has to be built and hospital information system (HIS) has to be used to perform patient diagnosis tasks. This study started from the acceptance of senior doctors about HIS system, and obtained the following important conclusions through the analysis result of questionnaire survey:

Keywords : technology acceptance model, TAM ; health insurance ic card ; local clinics

Table of Contents

內容目錄 中文摘要	iii	英文摘要	
iv 誌謝辭		v 內容目錄	
vi 表目錄		viii 圖目錄	
x 第一章 緒論	1	第一節 研究動機與目的	
2 第二節 研究流程	3	第三節 研究範圍	
4 第四節 研究限制	5	第二章 文獻探討	
7 第一節 全民健康保險	7	第二節 HIS醫療資訊系統	
9 第三節 科技接受模式	13	第四節 中、高齡者的定義	
16 第五節 影響中高齡人員使用電腦因素	17	第三章 研究設計與方法	
20 第一節 研究模型推導	20	第二節 研究假說	
27 第三節 變數操作定義	30	第四節 研究工具	
38 第四章 資料分析	44	第一節 樣本資料敘述性統計	
44 第二節 信度與效度檢測	47	第三節 研究模型之驗證	
55 第五章 結論與建議	69	第一節 研究結論	
69 第二節 研究建議	71	第三節 後續研究方向	
73 參考文獻	75	附錄A 研究問卷	
81			

REFERENCES

- 參考文獻 一、中文部份 朱芬郁(2005), 社區大學高齡學習型態的現況與省思, 國立台灣師範大學社會教育研究所博士論文。沈聖書(2002), 打造適用老年族群的電腦與網路環境, 台灣公益資訊, 來源:公益新聞資料庫[2002, March 39]。林彥輝(2006), 年齡對於電腦作業之工作績效和壓力, 勞工安全衛生簡訊第54期。邱皓政(2003), 結構方程模式:LISREL的理論、技術與應用, 台北:雙葉書廊。施柏州(2005), 醫學中心導入PACS之政策發展方向與決策分析。黃士銘, 陳慧巧, 李興漢(2004), 以科技接受模式探討企業內部稽核人員使用電腦輔助審計技術之意圖, 第十屆資訊管理暨實務研討會, 彰化:私立大葉大學。黃世鑫, 余漢儀, 吳炎成, 鄭文輝, 蔡爵雲(1992), 什麼是全民健保?我國全民社會醫療保險制度之研究, 台北:業強。黃秀慧, 許文楷(2004), 影響技職院校教師使用資訊科技教學之因素探討, 網路學習理論與應用學術研討會, 高雄:樹德科技大學國際企業與貿易系。黃興進, 李宜昌(2001), 影響底區醫院採用藥品電子採購之關鍵成功因素:個案研究, 華人企業論壇, 2(1), p85-116。楊玉明(1997), 高齡者電腦態度之研究, 國立高雄師範大學成人教育研究所。楊志良(1992), 全民健康保險基本性質的探討, 公共衛生, 18(4)。鄭元孝(2001), 高齡者對色彩變識之研究, 國立雲林科技大學。鄧學良(2006), 論日本中高齡勞工之雇用保障及生活保護, 高雄:國立中山大學勞資政策中心。賴建穎(2005), 醫療從業人員與一般民眾對使用資訊安全軟體以保護醫療資訊之觀點比較, 資訊管理國際研討會。戴淑媛(2001), 中高齡者職業訓練之成效, 國立中山大學公共事務管理研究所。中央健康保險局(2006), 來源: <http://www.nhi.gov.tw/>。近年我國老人人口數定義一覽表(2006), 內政部內政統計資訊服務網戶政統計[線上資料], 來源: <http://www.moi.gov.tw/stat/index.asp>。二、英文部份 Amoako-Gyampah, K., & Salam, A. F. (2004). An extension of the technology acceptance model in an ERP implementation environment. *Information and Management*, 41(6), 731 – 745.

Anandarajan, M., Simmers, C., & Igarria, M. (2000). An exploratory investigation of the antecedents and impact of internet usage: an individual perspective. *Behavior & Information Technology*, 19(1), 69-85.

Arbaugh, J. B. (2000). Virtual Classroom Characteristics and Student Satisfaction with Internet-Based MBA. *Journal of Management Education*, 24(1), 32-54.

Chismar, W. G., & Wiley-Patton, S. (2003). Does the Extended Technology Acceptance Model Apply to Physicians. *System Sciences*.

Choe, J. M. (1996). The relationships among performance of accounting information systems, influence factors, and evolution level of information systems. *Journal of Management Information Systems*, 12(4), 215-239.

Davis, F. D., Bagozzi, R. P., & Warshaw, P. R. (1989). User acceptance of computer technology: A comparison of two theoretical models. *Management Science*, 5(8), 982 – 1003.

Davis, F. D., Bagozzi, R. P., & Warshaw, P. R. (1989). User Acceptance of Computer Technology: A Comparison of Two Theoretical Models. *Management Science*, 35(8), 982 – 1003.

Delone, W. H., & Mclean, E. R. (1992). Information System Success: The Quest for the Dependent Variable. *Information Science*, 3(1), 60-95.

Dixon, D. R., & Stewart, M. (2000). Exploring Information Technology Adoption By Family Physicians: Survey Instrument Valuation. *Journal of the American Medical Informatics Association*, 185-189.

Dukart, J. R. (1998). Riding the public rails. *Telephony*, 235(14), 24-33.

Feng, Y. F. (1999). A Study of Implication for the Use of Computer Assisted Audit Technology. Gatignon, H., & Robertson, T.S. (1989). Technology Diffusion: An Empirical Test of Competitive Effects, *Journal of Marketing*, 53(1), 35-49.

Goodhue, D. L., & Thompson, R. L. (1995). Task-technology fit and individual performance. *MIS Quarterly*, 19(2), 213-236.

Grover, V. & Goslar, M. D. (1993). The initiation, adoption, and implementation of telecommunications technologies in US organizations. *Journal of Management Information Systems*, 10(1), 141 – 163.

Hu, P. J., Chau, P. Y. K., Sheng, O. R. L., & Tam, K. Y. (1999). Examining the technology acceptance model using physician acceptance of telemedicine technology. *Journal of Management Information Systems*, 16(2), 91 - 112 .

Igarria, M., & Parasuraman, S. (1994). Work experiences, job involvement, and quality of work life among information systems personnel. *MIS Quarterly*, 18(2), 175-202.

Igarria, M., Guimaraes, T., and Davis, G. B. (1995). Testing the Determinants of Microcomputer Usage via a Structural Equation Model. *Journal of Management Information Systems*, 11(4), 87-114.

Igarria, M., Parasuraman, S., & Baroudi, J. J. (1996). A Motivational Model of Microcomputer Usage. *Journal of Management Information Systems*, 13(1), 127-143.

Jennex, M. E., & Adalakun, O. (2003). Success factors for offshore Information System Development. *Journal of Information Technology Cases and Application*, 5(3), 12-31.

Meador, C. L., & Richard, A. M. (1984). Selecting an End User Programming Language for DSS Development. *MIS Quarterly*, 8(4), 267-280.

Moore, G. C., & Benbasat, I. (1991). Development of an Instrument to Measure the Perceptions of Adopting an Information Technology Innovation. *Information Systems Research*. 2(3), 192-222.

Rai, A., Lang, S. S., and Welker, R. B. (2002). Assessing the Validity of IS Success Models: An Empirical Test and Theoretical Analysis. *Information Systems Research*, 13(1), 50-69.

Reimann, B. C., & Waren, A. S. (1985). User-Oriented Criteria for the selection of DSS software. *Communications of the ACM*, 28(2), 166-179.

Rockart, J. F. (1982). The changing Role of the information Systems Executive: A critical Success Factor Perspective. *Solan Management Review*, 24(1). 3-13.

Whang, S. (1992). Contracting for Software Development. *Management Science*, 38(3), 307-324.

Yu, J., Ha, I., Choi, M., & Rho, J. (2005). Extending the TAM for a t-commerce. *Information and Management*, 42(7), 965 - 976.