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UNDERSTANDING STUDENT'S ONLINE SHOPPING BEHAVIOUR: A STUDY AMONG UNDERGRADUATE STUDENTS IN UUM



MASTER OF SCIENCE (MANAGEMENT) UNIVERSITI UTARA MALAYSIA JUNE 2016

UNDERSTANDING STUDENT'S ONLINE SHOPPING BEHAVIOUR: A STUDY AMONG UNDERGRADUATE STUDENTS IN UUM



Thesis Submitted to School of Business Management, Universiti Utara Malaysia, In Partial Fulfillments of the Requirement for the Master of Sciences (Management)



Pusat Pengajian Pengurusan Perniagaan school of Business Management

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ABSTRACT

The purpose of this study is to analyze factors that influence student's behavior towards online shopping. Students are one of the target markets towards the online retailer as they have money and interest. Most of these students are not working and most of them are provided with the educational loans. However, there are circumstances that they should not involve in online shopping due to many invalid transaction such fraud and theft. This could cause them of the financial loss. There are two theories that used in this study which are Technology Acceptance Model and Theory of Planning Behavior. The independent variables suggests by the researcher in this study is ease of use, perceived usefulness, brand orientation and website design. To investigate these hypotheses, 350 questionnaires distributed among the undergraduate students of School of Business Management. Finally regression analysis was used on data in order to test hypothesizes of study. This study can be considered as an applied research from purpose perspective and descriptive-survey with regard to the nature and method (type of correlation). The study identified that all the independent variables are correlate with the dependent variable.

Keywords: online shopping, behavior, ease of use, perceived usefulness, brand orientation, website design, undergraduate students.

ABSTRAK

Tujuan kajian ini dijalankan adalah untuk menganalisa faktor-faktor yang mempengaruhi tingkah laku pelajar dalam membeli belah melalui laman sesawang. Pelajar juga merupakan satu sasaran bagi pihak penjual di laman web kerana para pelajar juga mempunyai wang serta minat. Namun, kebanyakan pelajar tidak bekerja dan mengharapkan duit daripada pembiayaan pendidikan. Terdapat beberapa situasi di mana pelajar perlu menitikberatkan sekiranya ingin melakukan pembelian dalam talian kerana terdapat banyak jenayah dalam talian seperti kecurian, penyelewengan dan sebagainya. Sekiranya pelajar tersalah langkah, mereka akan menjadi mangsa penipuan dan menghadapi kerugian. Terdapat dua teori yang digunakan di dalam kajian ini iaitu Technology Acceptance Model(TAM) dan Theory of Planned Behavior(TPB). Pemboleh ubah bebas yang di cadangkan didalam kajian ini adalah kemudahan penggunaan,kemudahan dilihat, orientasi jenama, dan reka bentuk laman web manakala pemboleh ubah bersandar adalah tingkah laku pelajar dalam membeli belah dalam talian. Justeru itu, sebanyak 350 soal selidik Jniversiti Utara Malavsia telah di edarkan di kalangan pelajar ijazah sarjana muda di Fakulti Pengurusan Perniagaan atau School of Business Management (SBM). Analisa regresi telah digunakan terhadap data yang telah dikutip untuk menguji hipotesis. Kajian ini mendapati semua pemboleh ubah bebas mempunyai hubungan yang positif dengan pembolehubah bersandar.

Kata Kunci: membeli belah, tingkah laku, kemudahan penggunaan, kemudahan dilihat, orientasi jenama, reka bentuk laman web, pelajar ijazah sarjana muda.

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CHAPTER 1

INTRODUCTION

1.0 Introduction

E-Commerce and e-shopping create opportunities for businesses to reach consumers globally and directly – indeed, they are transforming retailing (Alden et al. 2006; Holt et al. 2004). Malaysia also involve in e-commerce transactions which are growing, not least because low cost gives both businesses and consumers a new and powerful channel for information and communication. According to Griffith (2006), there are many study conducted on cross-national and cross cultural internet marketing. This shows that the e retailing businesses are growing day by day.

Universiti Utara Malaysia

This study examines the factors that influence university students' behavior towards online shopping. The researcher suggests four factors that affect university students' behavior which are ease of use, usefulness, brand orientation and website design. These days, consumers are exposed towards various online and offline options, without a compelling reason to choose one retailer over another, they just rotate purchases among multiple firms. The increasing numbers in population of gen-Y are also boost the growth of e retailing business.

The contents of the thesis is for internal user only

REFERENCES

- Aaker, D.A. (1991). Managing brand equity: Capitalizing on the value of brand name, NewYork:Free Press
- Ajzen, I. & Fishben, M. (1980). Understanding attitudes & predicting behavior, New York
- Ajzen, I. (1991). The theory of planned behavior: Organizational behavior and human resource processes. *Vol* 50,179-211.
- Alden, Dana L., Jan-Benedict E.M. Steenkamp, and Rajeev Batra (2006). Consumer attitudes toward marketplace globalization: Structure, antecedents and consequences. *International Journal of Research in Marketing*, 23 (3), 227-239.
- Bhatnagar, A. Misra, S., & Rao, H. R. (2000). On risk, convenience, and Internet shopping behavior. Communications of the ACM, 43(11), 98-105.
- Chui, Y.B., Lin, C.P., & Tang, L.L. (2005). Gender differs: assessing a model of online purchase intentions in e-tail service. International Journal of Service Industry Management, 16(5), 416-435.
- Davis, F.D. (1989).Perceived usefulness, perceived ease of use and users acceptance of information technology. *MIS Quarterly*, 13(3):319-340
- France, B., Janine S. H. and Wanda J. S. (2002). Trustworthiness in electronic commerce: The role of privacy, security, and site attributes. *Journal of Strategic Information Systems*.11, 245–270.
- Fygenson, M., & Pavlou, P. A. (2006). Understanding and predicting electronic commerce adoption: an extension of the theory of planned behaviour. MIS Quarterly, 30(1), 115-143

- Gefen, D., Karahanna, E. and Straub, D.W., (2003). Trust and TAM in online shopping: An integrated model. *MIS Quarterly*, 27 51-90.
- Shergill G.S. & Zhaobin Chen (2005). Web-based shopping: consumers' attitudes towards online shopping in New Zealand. Journal of Electronic Commerce Research, 6 (2)
- Griffith, D. (2006). Cultural Meaning of Retail Institutions: A Tradition-Based Culture Examination. Journal of Global Marketing, 12, 47-59

Haig, M. (2001). The e-marketing handbook. Dover, NH: Kogan Page.

Hassan. Y. & Akimin N. F. (2010). Influencing factors on consumer choice towards online shopping. Retrieved on April 22, 2016 from http://www.internationalconference.com.my/proceeding/2ndice2010_proceeding/ PAPER_086_ConsumerChoice.

Hengst, R. (2001). Europe's enticing e-markets. Target Marketing, 19,77-89

- Herek, G., Pequegnat, W., Stover, E (1995). How to write a successful research grant application: A guide for social and behavioural scientist. *Plenum Press*, 86
- Holt, Douglas, B., John, A., Quelch, Earl L. Taylor (2004). How global brands compete. Harvard Business Review, 82, 68-75.

- Jariah, M., Husniyah, A. R., Laily, P., & Britt, S. (2004). Financial behavior and problems among university students: Need for financial education. *Journal of Personal Finance*, 3, 1
- Kalakota, R & Whinston, A. (1997). Electronic commerce: a manager's guide, Reading, MA: Addison Wesley.
- Kotler, P., & Armstrong, G (1997). Principles of marketing (9th ED.) Cliffs, NJ: Prentice Hall.
- Kotler, P., & Armstrong, G (2004). Principles of marketing (10th ED.) USA: Prentice Hall
- Koufaris, M., & Sosa, W. H. (2004). The development of initial trust in an online company by new customers. *Information & Management*, 41, 377-397
- Kwek, C. L. (2010). The effects of shopping orientations, online trust and prior online purchase experience toward customers' online purchase intention. *Journal of International Business Research.*
- Liang, T. & Lai, H. (2000). Electronic store design and consumer choice: An empirical study.
- Lim, Y. S., Omar, A., & Ramayah, T. (2015). Online purchase: A study of generationY in Malaysia. International Journal of Business and Management.

- Li,N. and Zhang P. (2002). Consumer online shopping attitudes and behavior: An assessment of research.
- Mohammad, H. M., Hossein, R. D., Mojtaba, N., Amir, P., & Ahmad, R. A. (2012). An analysis of factors affecting on online shopping behavior of consumers. *International Journal of Marketing Studies*.
- Moshref Javadi, M. H., Dolatabadi, H. R., Nourbakhsh, M., Poursaeedi, A., & Asadollahi, A. R. (2012). An analysis of factors affecting on online shopping behavior of consumers. *International Journal of Marketing Studies*, 4, 81-98.

Muhammad, U. S., & MD, N. U. (2011). Consumers' attitude towards online shopping.

Paypal reveals Malaysian online shopping trends. Paypal online and mobile shopping insights study 2011. Hardware Zone Malaysia. Retrieved from http://www.hardwarezone.com.my/tech-news-paypal-reveals-malaysian-onlineshopping-trends

- Putro, H. B., & Haryanto, B. (2015). Factors affecting purchases intention of online shopping in zalora indonesia. British Journal of Economics, Management & Trade.
- Ramayah, T., & Joshua, I. (n.d.). Impact of Perceived usefulness, perceived ease of use and perceived Enjoyment on Intention to shop online.
- Reibstein, G. E. & Bridges, E. (2000). Using attitudes to predict online buying behavior. Quarterly Journal of Electronic Commerce, 1, 245-253.

- Renny, G.S., & Siringoringo, H. (2013). Perceived usefulness, ease of use, and attitude towards online shopping usefulness towards online airlines ticket purchase. Social and Behavioural Sciences, 81, 212-216.
- Sekaran, U. (2003). Research methodology for business: A skill building approach (4th edition.). NewYork: John Wiley & Sons.
- Shadkam. M., Kavianpour, S., Honarbakhsh,S.,& Hooi, L.W. (2013). Antecedents of consumers' intention to shop online. Australian Journal of Basic and Applied Sciences, 7, 190-197.
- Spiller, P., and Lohse, G.L., (1997). A classification of internet retail stores. International Journal of Electronic Commerce, 2, 29-56.
- The Nielson Company. (2010). Global trends in online shopping. Retrieved from hk.nielsen.com/documents/Q12010OnlineShoppingTrendsReport.pdf Paypal.
- Trochim, W.M.K. (2006). Research methods knowledge base. Retrieved on April 25, 2016 from http://www.socialresearchmethods.net
- UCLA center for communication policy. The UCLA internet report 2001: Surveying the digital future-year; 2001. Available: http//www.ccp.ucla.edu/pdf/UCLA-Internet Report-2001.pdf
- Valentine, D. B., & Powers, T. L. (2013). Online product search and purchase behavior of generation Y. *Atlantic Marketing Journal*, 6, 76-91.

- Ward, M.R. and Lee, M.T. (2000). Internet shopping, consumer search, and product branding. Journal of Product and Brand Management, 9, 6-21.
- Wong, C.K. (2014). E-Commerce infographic: Understanding online shoppers in Malaysia.Retrieved from: http://www.ecommercemilo.com/2014/01/ecommerceinfographic-malaysia-understanding-onlineshoppers.html#.U_6OEtKSygg
- Zuriahti A, R. (2010). The influence of the intention online purchase among universiti Kuala Lumpur, Malaysian institute of information technology lecturer's and staff's. Unpublished Final Year Project, Malaysian Institute of Information Technology, Universiti Kuala Lumpur, Malaysia
- Zhang, P., Von, Dran, G, M., Small, R.V., and Barcellos, S. (1999). Websites that satisfy users: A theoretical framework for web user interface design and evaluation.
- Zhang, P., and Von Dran, G. M. (2000). Satisfactor and dissatisfactors: A two-factor model for website design and evaluation. *Journal of the American Society for Information Science*, 4, 1253-1268.