ADOPTION OF ONLINE MARKETING IN THE MALAYSIAN HOTEL SECTOR FROM AN ORGANIZATIONAL INNOVATIVENESS PERSPECTIVE

By

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Thesis Submitted to the Graduate school of Management, Universiti Putra Malaysia, in Fulfillment of the Requirements for the Degree of Doctor of Philosophy

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DEDICATED TO MY BELOVED WIFE, PARENTS AND FAMILY

Abstract of thesis presented to the Senate of Universiti Putra Malaysia in

fulfillment of the requirement for the degree of Doctor of Philosophy

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Bv

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Online marketing is the latest Internet-based marketing medium and is well

received by the hotels industry worldwide. It has beneficial features that make it

useful to the industry; therefore, the Malaysian hotel industry can be expected to

adopt online marketing. However, as of 2002, this was not happening, as the

majority of them appeared not to have been utilizing this marketing medium. This

situation invited questions as to why so few Malaysian hotels were adopting the

technology.

This study found that researches on factors that influence the adoption by

Malaysian hotels is still lacking. Therefore, utilizing the organizational

innovativeness framework to explain the adoption of technology from the

perspective of an organization, it tried to 1) identify the factors that have

significant influence on Malaysian hotels toward adopting online marketing, 2)

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examine the nature of the relation between these identified factors and the hotels' online marketing adoption behavior, and 3) examine how these factors interact with each other in regard to their relationships with the hotels' adoption behavior.

Derived from the previous conceptual framework of Tornatzky and Fleischer (1990), a research model for this study was developed. In testing the research model, data analysis required the use of Structural Equation Modeling (SEM). This mainly involved the use of the LISREL program, with SPSS utilized to conduct certain tests.

The results indicated that the online marketing adoption by Malaysian hotels was positively influenced by the 1) the support shown by the hotels' top management for online marketing adoption, and 2) the reserved resources owned by these hotels. This study also found that the existence of hotels' management's support for adoption had a positive influence on the hotels' reserved resources relationship with the hotels' online marketing adoption behavior.

Abstrak tesis yang dikemukakan kepada Senat Universiti Putra Malaysia sebagai memenuhi keperluan untuk ijazah Doktor Falsafah

PENGGUNAAN PEMASARAN DALAM TALIAN OLEH SEKTOR PERHOTELAN MALAYSIA DARI PERSPEKTIF INOVASI ORGANISASI

Oleh

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Pemasaran dalam talian adalah media permasaran berasaskan Internet yang

terkini dan ia telah diterima secara meluas oleh industri perhotelan di seluruh

dunia. Ia mempunyai ciri yang berguna kepada industri tersebut; jadi, industri

perhotelan Malaysia dijangka akan juga menerima-pakainya. Tapi sehingga tahun

2002, penggunaan ini tidak berlaku. Ini menimbulkan persoalan mengapa hanya

segelintir hotel di Malaysia saja sanggup menggunakan teknologi ini.

Didapati bahawa kajian ke atas faktor yang mempengaruhi penerimaan aplikasi

tersebut oleh hotel di Malaysia masih kurang. Jadi, dengan menggunakan rangka-

kerja inovasi organisasi untuk menerangkan penggunaan teknologi dari perspektif

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organisasi, ia cuba untuk 1) mengenal-pasti faktor yang mempunyai pengaruh besar ke atas hotel Malaysia dalam penggunaan pemasaran dalam talian, 2) memeriksa jenis hubungan antara faktor tersebut dengan penggunaan pemasaran dalam talian oleh hotel Malaysia, dan, 3) memeriksa jenis hubungan di antara sesama faktor tersebut dalam hubungan mereka dengan penggunaan pemasaran dalam talian oleh hotel tersebut.

Berdasarkan konsep rangka-kerja yang lepas oleh Tornatzky dan Fleischer (1990), thesis ini membina satu model kajian. Dalam menguji model kajian tersebut, analisa data memerlukan penggunaan *Model Persamaan Struktur*. Ini banyak melibatkan penggunaan program LISREL, dan juga SPSS dalam ujian tertentu.

Hasil kajian menunjukkan bahawa tahap penggunaan pemasaran dalam talian oleh hotel Malaysia dipengaruhi secara positif oleh 1) sokongan yang ditunjukkan oleh pengurusan atasan hotel terhadap penggunaan pemasaran dalam talian, dan 2) simpanan sumber yang dipunyai oleh hotel tersebut. Selain itu, thesis ini juga mendapati bahawa kewujudan sokongan pengurusan atasan mempunyai kesan positif ke atas simpanan sumber dalam hubungannya dengan penggunaan pemasaran dalam talian oleh hotel Malaysia.

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I certify that an Examination Committee met on 24th February 2006 to conduct the final examination of Mohd Fuaad Bin Said on his Doctor of Philosophy thesis entitled "Adoption of Online Marketing in the Malaysian Hotel Sector from an Organizational Innovativeness Perspective" in accordance with Universiti Pertanian Malaysia (Higher Degree) Act 1980 and Universiti Pertanian Malaysia (Higher Degree) Regulations 1981. The Committee recommends that the candidate be awarded the relevant degree. Members of the Examination Committee are as follows:

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DECLARATION		
I hereby declare that the thesis is based on my original work except for quotations and citations, which have been duly acknowledged. I also declare that it has not been previously or concurrently submitted for any other degree at UPM or other institutions.		
(MOHD. FUAAD SAID)		
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LIST OF ABBREVIATIONS

ARPANET Advanced Research Projects Agency Network

ASU Appalachian State University

B2B Business to Business

Business to Consumer

DAGS Demonstrator Application Grant Scheme

EDP Electronic Data Processing

GFI Goodness of Fit Index

GOF Goodness of Fit

HR Human Resource

IATA International Air Transport Association

ICT Information Communication Technology

IS Information Systems

ISP Internet Service Provider

IT Information Technology

LAN Local Area Network

LISREL Linear Structural Relation

MACT Ministry of Arts, Culture and Tourism

MBO Management by Objectives

MDC Multimedia Development Corporation

MIS Management Information Systems

MSC Multimedia Super Corridor

MTPB Malaysian Tourism Promotion Board

NAU Northern Arizona University

NITA National Information Technology Agenda

NITC National Information Technology Council

NNFI Non-Normed Fit Index

R&D Research and Development

RMSEA Root Mean Square Error of Approximation

ROI Return on Investment

SEM Structural Equation Modeling

SPSS Statistical Package for Social Sciences

TLI Tucker-Lewis Index