## UNIVERSITI TEKNOLOGI MARA

# ADOPTION OF SOCIAL NETWORKING MEDIA (SNM) AS MARKETING TOOL BY MARKET TRADERS: AN APPLICATION OF TECHNOLOGY ACCEPTANCE MODEL

# KARMIDAWATI KARTIMIN

Report submitted in partial fulfillment of the requirements for the degree of

**Master of Science (Information Technology)** 

**Faculty of Computer and Mathematical Science** 

June 2013

## **DECLARATION**

I certify that this IT Project and the research to which it refers are the product of my own work and that any ideas or quotation from the work of other people, published or otherwise are fully acknowledged in accordance with the standard referring practices of the discipline.

Name of student	Karmidawati binti Kartimin
Student's ID No.	2010698432
Program	Master of Science (Information Technology) - CS770
Faculty	Faculty of Computer and Mathematical Sciences
Project Title	Adoption of Social Networking Media as Marketing Tools by Market Traders: An Application of Technology Acceptance Model.
Signature of Candidate	
Date	24 Jun 2013

#### **ABSTRACT**

In the world of marketing, new business model are frequently introduced and a new trends have started to emerge. One such latest trend is Social Media Marketing (SMM) which mean using Social Networking Media (SNM) as medium for marketing. This trend likely gives the opportunities to market traders to choose effective way to do marketing by using social media such as Facebook, Twitter, Blog and etc. The purpose of this study is to identify factors affecting the adoption and use of SNM as marketing tool among market traders. An extended technology acceptance model (TAM) was used to analyze the factors influencing the adoption and use of SNM as marketing tool. A hypothesized model was developed base on TAM model. The study applies a quantitative methodological approach by using a survey method. The data are collected from a sample 141 of market traders. A total of 141 questionnaires were distributed among the market traders and within two days, about 105 completed questionnaires were returned. In order to test the proposed model, descriptive analysis, reliability, validity and discriminant validity of dimensions was employed to estimate following seven constructs: external variable (age and experience), Perceived Usefulness, Perceive Ease of Use, attitude, intention to use and actual use of SNM as marketing tool. The result was supported six factors which had significant correlation influence market trader's decision about how and when they will use SNM as marketing tool. Although the research was conducted successfully, some limitations were encountered. The findings cannot be generalized to the wider market trader's population due to small population of market traders compare to other market traders in Malaysia. This research has implication for market traders, policy marker and the council as comprehensive of technology adoption to improve of marketing.

#### **ACKNOWLEDGEMENT**

Alhamdulillah, first of all grateful to Allah, Lord Almighty for blessing me with his mercifulness for my health, strength, opportunity and confidence in completing this research within the time frame.

The completion of this IT Project depended on the generous assistance and cooperation of many individuals. Appreciations and thanks to Associate Professor Mardziah Hj. Hashim, as my IT Project supervisor for her guidance, advice, encouragement and support. Her efforts and patience are greatly appreciated.

I also want to express my gratitude to Dr. Wan Adilah Wan Adnan and Dr. Wan Abdul Rahim Wan Mohd Isa for their commitment, support, advice and encouragement during the completion of this IT project.

Besides that, I would like to thank my beloved family especially my father, Kartimin bin Sadi and my mother, Hamadah binti Joyid for giving me their blessings, unconditional love and moral support that help me a lots in this IT project. I also want to thanks to my friends and classmate for their ideas and support given to me upon completing this IT project.

Special thanks given to the Sepang Town Council and market traders of Pasar Sari Salak for giving their cooperation which was really important to complete this IT project. Last but not least, for those who I am not mentioned in this acknowledgement, who have contribute to this IT project either directly or indirectly, thank you for your support and contribution to this IT project.

iii

## TABLE OF CONTENTS

	Page
STUDENT'S DECLARATION	í
ABSTRACT	Ĭ
ACKNOWLEDGEMENT	iii
TABLE OF CONTENTS	įv
LIST OF TABLES	viii
LIST OF FIGURES	ix
CHAPTER ONE: INTRODUCTION	
1.1 Introduction	ī
1.2 Research Background	1
1.3 Research Problem	3
1.4 Objectives of The Research	3
1.5 Scope of The Research	4
1.6 Significance of The Research	4
1.7 Report Outline	5
CHAPTER TWO: LITERATURE REVIEW	
2.1 Introduction	6
2.2 Terminology/Definition	6
2.1.1 Social Networking Media (SNM)	6
2.1.2 Periodic markets	7
2.1.3 The market trader's environment in Pasar Sari Salak	8
2.3 Perception and awareness of using Social Networking Media (SNM)	8
2.3.1 Use of Social Networking Media (SNM)	9
2.4 Adoption of SNM as marketing tool in SMEs	10
2.5 Social Networking Media (SNM) use as marketing tool	11