A STUDY OF ON-LINE PAYMENT AWARENESS IN TERENGGANU: A CASE OF E-SERVICES OFFERED BY GOVERNMENT



INSTITUTE OF RESEARCH, DEVELOPMENT AND COMMERCIALISATION UNIVERSITI TEKNOLOGI MARA 40450 SHAH ALAM, SELANGOR

MALAYSIA

MIMI ZAZIRA HASHIM ROZIANA AHMED MOHD KHIRZAN BADZLI ABD RAHMAN

FEBRUARY 2008

ACKNOWLEDGEMENT

We would like to thank Allah Almighty for His blessings and grace. It is with Hiss blessings that the research, *A Study of Online Payment Awareness in Terengganu: A Case of E-Services Offered by Government* is finally completed. We hope that this report will provide valuable information to individuals and organization alike.

We would like to take this opportunity to acknowledge the management of UiTM Terengganu as the sponsor for giving its full co-operation and trust. The same goes to the URDC of UiTM Terengganu dan UiTM Malaysia for their invaluable assistance and comments.

We would also like to extend our gratitude to the Office of Academic Affairs and Treasury Office of UiTM, Terengganu for giving immeasurable assistance during the difficult time of completing this research.

Last but not least, we would like to pay tribute to our immediate family members for their patience and understanding while we carried out the study.

ii

ABSTRACT

This paper aims to come out with comprehensive study of online payment awareness provided by Malaysia Government in Terengganu. Services in Malaysia are adopting eservice in order to enhance their services. At the moment, an e-service portal had been developed to be used by Malaysia citizen over the Internet. In fact, this study attempts to discover why this issue arises in transforming the service from traditional to digital system. This study helps us to determine the elements of online payment that gives great impacts to the government servants who were the respondents that represent the public in Terengganu. Overall findings of study indicate that the majority of the publics are IT literate and they have experienced using the Internet. The study has shown that at least the publics have equipped themselves with the first ability to use the Internet to get information. The respondents also preferred to use computers in their offices to access to the Internet. It was found that the majority of the respondents admitted that they knew about the services offered. Through the study, television was ranked the first as an information channel of online services. It is only a few of the respondents reported of having experience with the online services. The study also investigates the reasons for the publics reluctant to use online service offerings. The findings also indicate that the publics' awareness on the government online services is still at the minimal level. Based on the overall results, it can be concluded that the awareness of online payment is still at the unsatisfactory level. The publics are aware on certain services but ignorance on other services. The phenomena exist because the information on some services has been extensively disseminated and has reached the publics' knowledge through various media; printed or electronic, formal or informal.

TABLE OF CONTENTS

Page

Letter of Transmittal		i.
Acknowledgement		ii
Table of Contents		iii
List of Tables		vi
List of Figure	3	vii
Abstract		viii

CHAPTER 1

INTR	1 14	
1.1	Background	1
1.2	Problem Statement	3
1.3	Objectives	4
1.4	Significant of Project	4
1.5	Scope of the Research	5
1.6	Definition of Terms	5

CHAPTER 2

LITERATURE REVIEW

2.1	Government Service	7
2.2	E-Government/E-Service	7
2.3	Determinants of E-Service Operations	12
2.4	Implementation of E-Government	15
2.5	Public Benefit(s) of E-Service	16
2.6	E-Payment System	18
2.7	Security Issue	19
2.8	Public Awareness	19

CHAPTER 3

RESEARCH METHOD

3.1	Population	26
3.2	Sampling	31
3.3	Data Collection Process	32
3.4	Instrument	32
3.5	Data Analysis	32

DATA ANALYSIS

	4.1	Demographics Factors Analy	/sis	
		4.1.1 Age Factor		34
		4.1.2 Sexual Orientation		35
		4.1.3 Job Category		36
		4.1.4 Marital Status		37
		4.1.5 Number of Direct Res	sponsibilities	37
		4.1.6 Monthly Income		38
		4.1.7 Educational Backgro	und	39
	4.2	Awareness Factors		40
		4.2.1 Formal Training		41
		4.2.2 Use of the Internet		41
		4.2.3 The most frequent Ve		42
		4.2.4 Limited Access in the	Office	43
		4.2.5 PC at home		44
		4.2.6 Internet Access Near	by	45
		4.2.7 Phone Line at Home		45
		4.2.8 Internet Account		46
	4.3	Knowledge of Service Existe	nce	47
	4.4	Information Channel		48
	4.5	Experience in Using the Serv	/ice	52
	4.6	Decline Factors of Online Pa		54
	4.7	The Best Method of Paymen	•	57
	4.8	Online Applications		58
СНАРТ	ER 5			
	FINDIN	GS AND DISCUSSIONS		71
	5.1	Cross Tabular Analyses		
	0.1	oross rabular Analyses		

5.1.1	Cross Tabulations Results: Facilities	s and Knowledge of	
	the Service Existence		71
5.1.2	Cross Tabulation Results: Age and	knowledge on the	
	service existence	•	72
5.1.3	Cross Tabulation Results: Age and	preferred method of	
	Payment	•	74
5.1.4	Cross Tabulation Results: Knowledge	be and experience	
	in using the service		76
515	Cross Tabulation Results: Knowledge	he and preferred	
	method of payment	ge and preferred	77
	mothod of paymone		