UNIVERSITI TEKNOLOGI MARA

FACTORS INFLUENCING YOUNGSTER INTENTION TO USE MOBILE TOURISM APPLICATION IN TRAVELLING

MUHAMMAD FADHLI BIN MOHAMMAD

(2012103089)

MUHAMMAD AFIQ BIN MAT SALIM

(2012562783)

ABDUL AZIM BIN HASSAN

(2012741497)

Dissertation submitted in partial fulfilment of the requirement for the

B.Sc (Hons) in Tourism Management

Faculty of Hotel & Tourism Management
December 2015

ABSTRACT

This study aims to investigate the in-depth feeling of youngster and literate smartphones

users in regard to the adoption of mobile tourism application (MTA) in travelling. Framework of

a joint investigation by four variable factors proposed and empirically analyzed using data

obtained from a survey of users MTA between 18 and 29 years. Technology Acceptance Model

(TAM) theory was used to investigate and explain factors influencing youngster intention to use

mobile tourism application in travelling. Among the investigated factors, perceived usefulness,

perceived ease-of-use, perceived compatibility and perceived mobility were all found

significantly affect youngster intention to use mobile tourism application in travelling, but the

most factors influencing youngster intention to use mobile tourism application in travelling is

perceived mobility. The findings of this study extend the body of knowledge in the context of

mobile tourism application and contribute the Malaysia tourism industries to understand the

factors influencing youngster intention to use mobile tourism application in travelling around

Malaysia.

Keywords: Intention, Youngster, Smartphone, Mobile Tourism Application, Technology

Acceptance Model, Travelling, Tourism, Malaysia.

ii

TABLE OF CONTENTS

ACK	NOWLEDGEMENT		i					
ABS	TRACT		ii					
TABLE OF CONTENTS LIST OF TABLES LIST OF FIGURES			iii vii vi					
				ORGANIZATION OF STUDY				
СНА	PTER ONE: INTRODUCTION							
1.0	Introduction		1					
1.1	Background of Study		3					
1.2	Problem Statement		5					
1.3	Research Objective		7					
1.4	Research Question		7					
1.5	Research Framework		8					
1.6	Significance of Study		9					
	1.6.1 Practical Aspect							
	1.6.2 Academic Aspect							
1.7	Definition of Key Term		10					
	1.7.1 Youngster		10					
	1.7.2 Perceived Usefulness		10					
	173 Perceived Fase of Use		1 1					

	1.7.4 Perceived Compatibility	11
	1.7.5 Perceived Mobility	11
СНА	PTER TWO: LITERATURE REVIEW	
2.0	Introduction	12
2.1	Mobile Tourism Application	12
2.2	Youngster Adoption toward Technology	13
2.3	Intention to use Mobile Tourism Application (Technology Acceptance Model)	14
	2.3.1 Purchase intention	15
	2.3.2 Behavior intention	16
2.4	Factor of Mobile Tourism Application as Travelling	17
	2.4.1 Perceived Usefulness	17
	2.4.2 Perceived Ease-of-Use	18
	2.4.3 Perceived Compatibility	19
	2.4.4 Perceived Mobility	20
СНА	PTER THREE: RESEARCH METHODOLOGY	
3.0	Introduction	21
3.1	Research Design	21
3.2	Sample Size and Population	22
3.3	Research Instrument	25
	3.3.1 Questions Used in Section A	27

	3.3.2 Questions Used in Section B	28
	3.3.3 Questions Used in Section C	29
	3.3.4 Questions Used in Section D	30
	3.3.5 Questions Used in Section E	31
	3.3.6 Questions Used in Section F	32
3.4	Validity of the Research Instrument	33
3.5	Pilot Test Study	33
3.6	Data Collection	34
3.7	Data Analysis	35
СНА	PTER FOUR: DATA ANALYSIS AND RESULT	
4.0	Introduction	36
4.1	Respondent Profile	36
	4.1.1 Gender	36
	4.1.2 Marital Status	37
	4.1.3 Age	37
	4.1.4 Course	38
4.2	Reliability Analysis	39
4.3	Regression Analysis	41
4.4	Analysis of Independent Variables	42
	4.4.1 Perceived Usefulness	42
	4.4.2 Perceived Ease of Use	43