# FACTORS AFFECTING MOBILE BANKING USER'S SATISFACTION IN GAMPAHA DISTRICT



BY

### DADELLAGE KAMESH CHATHUMAL DE SILVA

#### EU/IS/2015/COM/50

#### **COM1930**



A Project Report Submitted to the Faculty of Commerce and Management, Eastern University, Sri Lanka as a partial fulfillment of the requirement of the **Degree of Bachelor of Commerce Honors (BComHons)** 

**Department of Commerce** 

**Faculty of Commerce and Management** 

Eastern University, Sri Lanka

2020

PROCES

MAIN LIBRARY, EUSL

#### ABSTRACT

This work investigated the factors affecting mobile banking user's satisfaction in Gampaha District. Specifically, the study examined the effect of Effort Expectancy of mobile banking service, mobile banking Information Quality, System Quality and mobile banking Service Quality on User's satisfaction.

Four hypotheses were formulated for the study. Relevant conceptual, theoretical and empirical literatures were reviewed. The study was anchored on the theory of reasoned action. The study adopted survey research design and convenience sample method used to make the sample the sample size of 200. Primary data sourced through structured questionnaire were used in the study. The data were analyzed using descriptive statistics, pearson correlation, and regression analysis.

The study found that Information Quality of mobile making application has significant effect on user's satisfaction. The study also found that System Quality has significant effect on user's satisfaction. The study further found that mobile banking Service Quality has significant effect on user's satisfaction. Finally, the study found that Effort Expectancy of mobile banking has significant effect on user's satisfaction.

The study recommends amongst others that banks should improve their effort expectancy, system, service and information quality for mobile banking. That way, bank customer confidence in mobile banking.

**Keywords**: Mobile Banking, Effort Expectancy, Information Quality, System Quality, Service Quality, user's Satisfaction

## **TABLE OF CONTENTS**

ACKNOWLEDGEMENTi		
ABSTRACTii		
TABLE OF CONTENTSiii		
LIST OF TABLES		
LIST OF FIGURES		
ABBREVIATIONxii		
CHAPTER ONE - INTRODUCTION1		
1.1.Background of the Study1		
1.2.Problem Statement		
1.3.Research Questions		
1.4. Research Objectives		
1.5. Significance of the Study5		
1.6. Scope of the Study6		
CHAPTER TWO - LITERATURE REVIEW7		
2.1. Introduction		
2.2. Theoretical Review of the Literature		
2.2.1. Mobile Banking		
2.2.2. Dimensions of Mobile Banking		
2.2.3 User's Satisfaction		
2.3. Empirical Review of the Literature		
2.4. Summary		
CHAPTER THREE – CONCEPTUALIZATION AND		
OPERATIONALIZATION		
3.1. Introduction		
3.2. Conceptualization		

	3.3. Definition of Key Variables	18
	3.3.1. Mobile Banking User's Satisfaction	18
	3.3.2. Information Quality	19
	3.3.3. System Quality	19
	3.3.4. Service Quality	20
	3.3.5. Effort Expectancy	20
	3.4. Development of Hypothesis	21
	3.4.1. Information Quality	21
	3.4.2. System Quality	21
	3.4.3. Service Quality	21
	3.4.4. Effort Expectancy	21
	3.5. Operationalization	22
	3.6. Summary	23
0	CHAPTER FOUR – RESEARCH METHODOLOGY	24
	4.1. Introduction	24
	4.2. Research Design	24
	4.2.1. Research Strategy	
	<ul><li>4.2.1. Research Strategy</li><li>4.2.2. Methodological Choice</li></ul>	25
		25 25
	4.2.2. Methodological Choice	25 25 26
	<ul><li>4.2.2. Methodological Choice</li><li>4.2.3. Time Horizon</li></ul>	25 25 26 26
	<ul><li>4.2.2. Methodological Choice</li><li>4.2.3. Time Horizon</li><li>4.3. Population and Sampling</li></ul>	25 25 26 26 26
	<ul> <li>4.2.2. Methodological Choice</li></ul>	25 25 26 26 26 26
	<ul> <li>4.2.2. Methodological Choice</li></ul>	25 25 26 26 26 26 .26 .26
	<ul> <li>4.2.2. Methodological Choice</li></ul>	25 25 26 26 26 26 26 26 26 27
	<ul> <li>4.2.2. Methodological Choice</li></ul>	25 25 26 26 26 26 26 26 26 27 .27

4.4.4. Source of Measurement	28
4.5. Method of Data Analysis	29
4.5.1. Reliability of Analysis	30
4.6. Method of Data Evaluation	30
4.6.1. Univariate Analysis and Evaluation	30
4.6.2. Mean	31
4.6.3. Standard Deviation	31
4.6.4. Bivariate Analysis and Evaluation	31
4.6.5. Correlation Analysis	.31
4.6.6. Regression analysis	.32
4.7. Chapter Summary	.34
CHAPTER FIVE – DATA PRESENTATION AND ANALYSIS	.35
5.1. Introduction	.35
5.2. DATA PRESENTATION FOR DEMOGRAPHIC INFORMATION	.35
5.2.1. Service provide Bank	.36
5.2.2. Gender	.36
5.2.3. Time Period	.36
5.2.4. Average Monthly Income	.37
5.3. Analysis of Reliability	.37
5.4. Analysis of Research Information	.38
5.4.1. Data Presentation for the Research Variables	.38
5.5. Testing of Research Hypotheses	. 54
5.5.1. Testing Hypothesis 1	.54
5.5.2. Testing Hypothesis 2	.54
5.5.3. Testing Hypothesis 3	.55
5.5.4. Testing Hypothesis 4	.55
5.6. Chapter Summary	.56
	<ul> <li>4.5. Method of Data Analysis</li></ul>

CHAPTER SIX - DISCUSSION
6.1. Introduction
6.2. Discussion on General and Personal Information
6.2.1. Service Provide Bank
6.2.2. Gender
6.2.3. Time Period
6.2.4. Average Monthly Income
6.3. Discussion of Research Information
6.3.1. Objective 1: To identify the levels of Effort Expectancy, Information Quality, System Quality, Service Quality and Mobile Banking User's Satisfaction in Gampaha district
6.3.2. Objective 2: To identify the relationships between Effort Expectancy, Information Quality, System Quality, Service Quality and User's Satisfaction in Gampaha district
6.3.3. Objective 3: To identify the impact of Information Quality, System Quality, Service Quality, Effort Expectancy on mobile banking user's satisfaction in Gampaha District
6.4. Comparison of the Findings with the Outcomes of Previous Researches63
6.4.1. Impact of Effort Expectancy on User's Satisfaction63
6.4.2. Impact of Information Quality on User's Satisfaction
6.4.3. Impact of System Quality on User's Satisfaction64
6.4.4. Impact of Service Quality on User's Satisfaction65
6.5. Chapter Summary66
CHAPTER SEVEN – CONCLUSION AND RECOMMENDATION
7.1. Introduction
7.2. Conclusions
7.2.1. First Objective of the Study67
7.2.2. Second Objective of the Study67

7.2.3. Third Objective of the Study	
7.3. CONTRIBUTION OF THE STUDY	
7.4. Recommendations	
7.5. Limitations of the Study	69
7.6. Future Research Directions	70
REFERENCES	71
APPENDIX-1	
APPENDIX-2	

\*