THE FACTORS INFLUENCING ON ADOPTION AND USAGE OF INTERNET BANKING An Empirical Study on Small and medium enterprises (SME) In Badulla District

NANTHILAKA PANIKKAYALAGE DHAMMIKA SANATH KUMARA



Abstract

This research was conducted on the topic of a study on the factors influencing on adoption and usage of internet banking, an empirical study of small and medium enterprises. The researcher has used 100 small and medium enterprises (SMEs) in Badulla district. Distributing questionnaire among small and medium enterprises (SMEs) in Badulla district. Gathered data were analyzed by SPSS 19.0 version and use the measures of mean, standard deviation, cross tabulation, correlation, and multiple regressions.

The study was carried out with six variables as a perceived usefulness, attitudes, external pressure, Security, perceived ease of use and ICT knowledge and skills of the independent variable. An adoption of internet banking is as a dependent variable and includes the four indicators to measure Adoption of internet banking in this research. This research attempt to evaluate the the factors influencing on adoption and usage of internet banking and Adoption of internet banking. The variables identified this survey are Perceived usefulness, Attitudes, External pressure, Security, Perceived ease of use and ICT Knowledge. With the purpose of the investigation influencing factors and adoption of internet banking the population was selected.

According to the results obtained there are significant relationship perceived usefulness, Attitudes, External pressure, Security, Perceived ease of use and ICT Knowledge with Adoption of internet banking. External pressure was the most effective factor effect to the Adoption of internet banking.

The reseacher

TABLE OF CONTENTS

Acknowledgement	I
Abstract	II
Table of Contents	III
List of Tables	IV
List of Figures	IX
List of Abbreviations	X

1. Chapter One

	1.1. Background of the Study	01
	1.2. Problem Statement of the study	04
	1.3. Research Questions of the study	04
	1.4. Objectives of the Study	04
	1.5. Importance of the Study	05
	1.6. Scope of the Study	06
	1.7. Limitation of the Study	07
	1.8. Summery	07
2.	Chapter Two	
	Chapter Two 2.1. Introduction	08
	 2.2. Factor influencing on adoption of internet banking	08
	2.2.1. Adoption of internet banking	08
	 2.2.2. Perceived usefulness	10
	2.2.3. Attitudes	11
	2.2.4. External pressure	12
	2.2.5. Security	12
	2.2.6. Perceived ease of use	13
	2.2.7. ICT Knowledge and skills	14
	2.3. Demographic Factors influencing internet banking adoption	15
	2.3.1. Gender	15
	23.2. Higher education qualification	16
	2.3.3 Age	
	2.3.4. Annual turnover	17

2.4. The concept of internet	17
2.5. The concept of internet banking	
2.6. Internet banking in the world	
2.7. Internet banking in the Sri lanka	
2.8. Importance of internet banking	
2.9. Benefits of internet banking	
2.10. Small business	
2.10.1. Role and importance of MSMEs	
2.10.2. Need for integrating ICT and SMEs	
2.11 Theoretical background of the variables	
2.12 The adoption models	
2.12.1. Extension to Decomposed Theory of planned behavior	
2.12.2. Technology acceptance model (TAM)	
2.13. Summery	

3. Chapter Three

	3.1. Chapter introduction	33
	3.2. Conceptual Framework	
	3.3. Conceptualization of variable	
	3.3.1. Dependent variable	
	3.3.2. Independent variable.	
	3.3.2.1. Perceived usefulness	
	3.3.2.2 .Attitudes	
	3.3.2.3. External pressure	35
	3.3.2.4. Security	
	3.3.2.5. Perceived ease of use	37
	3.3.2.6. ICT Knowledge and skills	
2	3.4. Operationalization of variables	38
01	3.5. Summery	39

4.	Chapter Four	an '	
	4.1. Chapter Introduction		40
	4.2. Study setting, Study design		

4.3. Sampling	40

4.3.1. Sampling framework.	40
4.4. Methods of data collection	
4.5. Methods Measurement	42
4.5.1. Questionnaire	
4.6. Methods of presentation and data analysis	43
4.6.1. Methods of data presentation	
4.6.2. Methods of data analysis	
4.6.2.1. Regression analysis	43
4.6.2.2. Correlation analysis	44
4.7. Methods of data evaluation	44
4.7. Summery	45
Chapter Five	
5.1. Chapter Introduction	46

5.

5.1. Chapter Introduction
5.2. Analysis of Reliability
5.3. Frequency distribution analysis of personal characteristics of SMEs 47
5.3.1. Gender
5.3.2. Marital states
5.3.3. Higher educational Qualification
5.3.4. Age
5.3.5. Type of business
5.3.6. Time (Length of business)
5.3.7. Annual turnover 50 5.3.8. Main Bank 51 5.3.9. Usage of internet banking 52
5.3.8. Main Bank
5.3.9. Usage of internet banking
5.4. Data presentation of the variables of the research
5.5. Univariate analysis
5.5.1 Dimensions of the factors that influence on adoption &
usage of internet banking among SME customers
5.5.2 Analysis and interpretation of independent variable
5.5.2.1. Perceived usefulness
5.5.2.2. Attitudes
5.5.2.3. External pressure
5.5.2.4. Security

5.5.2.5. Perceived ease of use	1
5.5.2.6. ICT Knowledge and skills	2
5.5.3. Analysis and interpretation of dependent variable	3
5.5.3.1. Adoption and usage of internet banking	3

5.6. Bivariate analysis
5.6.1. Correlation analysis
5.6.1.1. Correlation coefficient between perceived usefulness and
Adoption of internet banking64
5.6.1.2. Correlation coefficient between attitudes and Adoption
of internet banking
5.6.1.3. Correlation coefficient between external pressure and
Adoption of internet banking
5.6.1.4. Correlation coefficient between security and Adoption of
internet banking
5.6.1.5. Correlation coefficient between perceived ease of use
and Adoption of internet banking
5.6.1.6. Correlation coefficient between ICT knowledge & skills
and Adoption of internet banking
5.7. Multivariate analysis
5.7.1. Multiple regression analysis
5.8. Cross tabulation Analysis
5.8.1. Personal Information with dependent variable
5.8.1.1. Compare mean between gender and Adoption of internet
banking
5.8.1.2. Compare mean between higher educational qualification
and Adoption of internet banking
5.8.1.3. Compare mean between type of business and Adoption
of internet banking
5.8.1.4. Compare mean between usage of internet banking and
Adoption of internet banking
5.8.2. Personal information & research information
5.8.2.1. Gender
5.8.2.2. Higher education qualification

	5.8.2.3. Type of business	72
	5.8.2.4. Usage of internet banking	
	5.9. Chapter summery	. 74
6.	Chapter Six	
	6.1. Introduction	. 75
*	6.2. Discussion on personal & business information	
	6.2.1 Gender	
	6.2.2 Marital status	. 76
	6.2.3 Higher education qualification	
	6.2.4 Age	. 76
	6.2.5 Type of business	
	6.2.6 Time (Length of Business)	
	6.2.7 Annual turnover	.77
	6.2.8 Main bank	77
	6.2.9 Usage of internet banking	
	6.3. Discussion of the objectives of the research	
	6.3.1 Adoption of internet banking	
	6.3.2 Perceived usefulness	
	6.3.3 Attitudes	
	6.3.4 External pressure	79
	6.3.5 Security6.3.6 Perceived ease of use	79
	6.3.6 Perceived ease of use	79
	6.3.7 ICT Knowledge and skills.	
	6.4. Discussion of the correlation analyze of the research	
	6.5. Discussion of the regression analyze of the research	80
	6.6. Discussion of the cross tabulation analyze of the research	
	6.7. Chapter summery	82

7. Chapter Seven

7.1. Introduction	\$ -	1	83
7.2. Conclusions	 	. t.	
7.3.Recommendations	 		85
7.4.Limitation of the research & suggestion			
7.5.Implications of the research			

7.6	6.Future research	86
	7. Summary	
8.	References	28
9.	Appendix	
	Appendix - 1: The Questionnaires used for the study	21
	Appendix - 2: The Output of the Analyses	6

and a start of the second start of the second start of the

di banking i

Ĭ.,

and the set of the minimum of perceived and open have

is a straw for demonstrates of gCT. Know is

the second sea for alternation for a processed in