## FACTORS INFLUENCING ON USAGE OF COMPUTERIZED ACCOUNTING SYSTEM IN SMALL AND MEDIUM ENTERPRISES IN KALUTHARA DISTRICT OF SRI LANKA

2.42



BY

## MALLIKAGE DONA CHALANA DAYANGI REG.NUMBER: EU/IS/2015/COM/15 INDEX NUMBER: COM 1895



Project Report Library - EUSL

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

PROCESSED MAIN LIBRARY, EUSL

## ABSTRACT

R

In present, small and medium enterprises plays a vital role in Sri Lankan context. The aim of this study is what are the 'Factors influencing on usage of computerized accounting system in small and medium enterprises in Kaluthara district. The study conducted in Kaluthara District and to evaluate and identify the what factors that influence to usage of computerized accounting systems. This research is the survey involving owners of SMEs in Kaluthara District. There are six independent variables and one dependent variable. And also six demographic factors in this study.

In this research study, primary data had been practised by this study. A structured questionnaire was used as the method of data collection. The random sampling method used to make the sampling framework of the study. The quantitative research approach used for this study. The data were analysed using descriptive statistics, ANOVA and independent sample t test, correlation and regression analysis.

The findings indicate that there are good reliability and most of the factors are high level and some of the factors are moderate level. According to findings like demographic factors gender, age, type of business, number of employees, number of years in operation and purpose usage of CAS were identified as no significant influence on usage of CAS. And also result of analysis found there is a positive relationship of cost, business size, infrastructure, government support and management support. Ease of use has no relationship of usage of CAS. Cost, business size, infrastructure, management support have significant influence, government support and ease of use have no significant influence of usage of CAS.

**Keywords**: Usage of computerized accounting system, cost, business size, infrastructure, government support, manager's support, ease of use, small and medium enterprises

## **TABLE OF CONTENT**

8	支
ACKNOWLEDGEMENT	I
ABSTRACT	
TABLE OF CONTENT	
LIST OF TABLES	
LIST OF FIGURES	X
ABBREVIATION	XI
CHAPTER ONE	1
INTRODUCTION	
1.1 INTRODUCTION	1
1.2 BACKGROUND OF THE STUDY	1
1.3 RESEARCH PROBLEM	
1.4 RESEARCH QUESTIONS	4
1.5 RESEARCH OBJECTIVES	4
1.6 SIGNIFICANT OF THE STUDY	5
1.7 SCOPE OF THE STUDY	6
1.8 ASSUMPTIONS OF THE STUDY	6
1.9 SUMMARY	6
CHAPTER TWO	7
LITERATURE REVIEW	7
2.1 INTRODUCTION	7
2.2 SMALL AND MEDIUM ENTERPRISES	7
2.3 COMPUTERIZED ACCOUNTING SYSTEM	
2.4 MANUAL VS COMPUTERIZED ACCOUNTING	
2.5 FACTORS INFLUENCING ON USAGE OF COM	1PUTERIZED ACCOUNTING
SYSTEM IN SMES	
2 5 1 Cost	

2.5.2 Business Size	11
2.5.3 Infrastructure	12
2.5.4 Government Support	
2.5.5 Management Support	
2.5.6 Ease of Use	
2.6 THEORETICAL REVIEW OF THE LITERATURE	14
2.6.1 Model Specification	14
2.6.2 Decomposed Theory of Planned Behaviour	15
2.6.3 Theory of Reasoned Action	16
2.6.4 Technology Acceptance Model (TAM)	16
2.7 EMPIRICAL LITERATURE OF THE LITERATURE	
2.8 BENEFITS OF USING CAS	19
2.9 CHALLENGERS AND BARRIERS FOR USAGE OF CAS	20
2.10 SUMMARY	21
CHAPTER THREE	
CONCEPTUALIZATION AND OPERATIONALIZATION	
3.1 INTRODUCTION	
3.2 CONCEPTUALIZATION	22
3.3 CONCEPTUAL FRAMEWORK	
3.4 RESEARCH VARIABLES	
3.4.1 Cost	
3.4.2 Business Size	24
3.4.3 Infrastructure	24
3.4.4 Government Support	25
3.4.5 Management Support	25
3.4.6 Ease of Use	26
3.5 HYPOTHESIS DEVELOPMENT	
3.5.1 Hypothesis 01	

3.5.2 Hypothesis 02	27
3.5.3 Hypothesis 03	27
3.5.4 Hypothesis 04	27
3.5.5 Hypothesis 05	
3.5.6 Hypothesis 06	
3.6 OPERATIONALIZATION	
3.7 SUMMARY	
CHAPTER FOUR	
RESEARCH METHODOLOGY	
4.1 INTRODUCTION	
4.2 STUDY SETTING AND STDUY	
4.3 STUDY POPULATION	
4.4 SAMPLING TECHNIQUE SAMPLE SIZE	
4.5 METHOD OF DATA COLLECTION	
4.5.1 Primary Data	
<ul><li>4.5.1 Primary Data</li><li>4.5.2 Secondary data</li></ul>	
4.5.2 Secondary data	
4.5.2 Secondary data         4.6 STRUCTURE OF QUESTIONNAIRE	
<ul> <li>4.5.2 Secondary data</li> <li>4.6 STRUCTURE OF QUESTIONNAIRE</li> <li>4.7 METHODS OF DATA PRESENTATION</li> </ul>	
<ul> <li>4.5.2 Secondary data</li> <li>4.6 STRUCTURE OF QUESTIONNAIRE</li> <li>4.7 METHODS OF DATA PRESENTATION</li> <li>4.8 METHODS OF DATA ANALYSIS</li> </ul>	33 33 34 34 34 34
<ul> <li>4.5.2 Secondary data</li> <li>4.6 STRUCTURE OF QUESTIONNAIRE</li> <li>4.7 METHODS OF DATA PRESENTATION</li> <li>4.8 METHODS OF DATA ANALYSIS</li> <li>4.8.1 Reliability Analysis</li> </ul>	
<ul> <li>4.5.2 Secondary data</li> <li>4.6 STRUCTURE OF QUESTIONNAIRE</li> <li>4.7 METHODS OF DATA PRESENTATION</li> <li>4.8 METHODS OF DATA ANALYSIS</li> <li>4.8.1 Reliability Analysis</li> <li>4.8.2 Univariate Analysis</li> </ul>	33 33 34 34 34 34 35 36
<ul> <li>4.5.2 Secondary data</li> <li>4.6 STRUCTURE OF QUESTIONNAIRE</li></ul>	
<ul> <li>4.5.2 Secondary data</li></ul>	33 33 34 34 34 35 36 36 36 37
<ul> <li>4.5.2 Secondary data</li></ul>	
<ul> <li>4.5.2 Secondary data</li></ul>	33 33 34 34 34 35 36 36 36 36 37 37 37 38

CHAPTER FIVE	
DATA PRESENTATION AND ANALYSIS	41
5.1 INTRODUCTION	41
5.2 ANALYSIS OF RELIABILITY OF THE INSTRUMENTS	41
5.3 DATA PRESENTATION	
5.3.1 Data Presentation for Personal Information	
5.3.2 Data Presentation for Research Information	
5.4 TEST HYPOTHESIS	61
5.5 SUMMARY	
CHAPTER SIX	
FINDINGS AND DISCUSSIONS	64
6.1 INTRODUCTION	64
6.2 DISCUSSION OF PERSONAL INFORMATION	64
6.2.1 Gender	64
6.2.2 Age	
6.2.3 Type of the Business	
6.2.4 Number of Employees	65
6.2.5 Number of Years in Operation	65
6.2.6 Purpose of Usage of CAS	
6.3 DISCUSSION OF RESEARCH INFORMATION	
6.3.1 Discussion on Objective 1	65
6.3.2 Discussion on Objective 2	67
6.3.3 Discussion on Objective 3	
6.3.3.1 Simple Regression Analysis	
6.3.3.6Multiple Regression Analysis	
6.4 FINDINGS FROM HYPOTHESIS TESTING	
6.4.1 Testing Hypothesis	
6.5 SUMMARY	

 $\tilde{u} \cdot v_{i}^{\dagger}$ 

CHAPTER SEVEN	74
CONCLUSIONS AND RECOMMENDATIONS	74
7.1 INTRODUCTION	74
7.2 CONCLUSION OF THE STUDY OBJECTIVE	74
7.2.1 First Objective	74
7.2.2 Second Objective	75
7.2.3 Third Objective	75
7.3CONTRIBUTION OF THE STUDY	75
7.4 RECOMMENDATIONS	75
7.5 LIMITATIONS OF THE STUDY	76
7.6 DIRECTION FOR FUTURE STUDY	77
7.7 SUMMARY	77
LIST OF REFERENCES	79
APPENDIX I	84
APPENDIX II	88
APPENDIX III	92