ANALYZE THE VIRTUAL LEARNING ENVIRONMENT (VLE) IN EASTERN UNIVERSITY, SRI &ANKA

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BY

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ABSTRACT

A virtual learning environment (VLE) is an information system that facilitates elearning. VLE process, store and disseminate educational material and support communication associated with teaching and learning. A successful teaching and learning process through VLE will enhance the ability to achieve the lecturers and the students' educational objectives. The aim of the study is to analyze the variables related to the VLE in Eastern University, Sri Lanka from the view of both lecturers and students.

The instrument for data collection was a five-point Likert scale type structured questionnaire. This study uses seven variables related to VLE from the view of lecturers such as performance expectancy, effort expectancy, social influence, facilitating conditions, personal innovativeness, behavioural intention to use and use behaviour and four variables related to VLE from the view of students such as learner interface, learning community, content and usefulness.

For this study, 57 lecturers and 305 students have responded for the questionnaires from the selected faculties of Eastern University, Sri Lanka. Further, the researcher used convenience sampling methods to design the sample from selected faculties of Eastern University, Sri Lanka which are Faculty of Commerce and Management, Faculty of Science, Faculty of Technology and Faculty of Agriculture. The collected data analysis was done using Statistical Package for Social Sciences (SPSS) 25.0 version and univariate and bivariate analysis were used to analyze the variables.

The findings of the study revealed that most of the variables are at high levels and only one variable is at moderate level in this study. Furthermore, most of the variables have medium positive relationship, very few variables have strong positive relationship and only one variable has weak positive correlation with other variables.

The findings of the study are expected to help both the researchers and practitioners. This study adds knowledge for existing literature to fill the research gaps existing in the related topic. In addition, results of the current study can provide practical implications for university's teaching and learning process.

Keywords: Virtual learning environment, Universities, Lecturers, Students

ii

TABLE OF CONTENTS

ACKNOWLEDGMENT i	
ABSTRACT ii	
TABLE OF CONTENTS iii	
LIST OF TABLESx	
LIST OF FIGURESxii	
LIST OF ABBREVIATIONS xii	i
Chapter – 1: INTRODUCTION 1	
1.1 Background of the Study1	
1.2 Problem Statement/ Research Gap2	
1.3 Research Questions4	
1.4 Research Objectives	
1.5 Significance of the Study	
1.6 Scope of the Study5	
1.7 Chapter Organization	
1.8 Chapter Summary	
Chapter – 2: LITERATURE REVIEW7	
2.1 Introduction	
2.2 Virtual Learning Environment (VLE)	
2.3 VLE in Universities	
2.3.1 Factors Influencing Adoption of Virtual Learning	
Environment8	
2.3.2 Use of Virtual Learning Environment	
2.3.3 Barriers of Lecturers' Adoption to Virtual Learning Environment 10	
2.4 Theories Related to Virtual Learning Environment Adoption and	
Acceptance	
2.4.1 Technology Acceptance Model (TAM)11	
2.4.1.1 Perceived Usefulness	
2.4.1.2 Perceived Ease of Use	

2.4.2	UTAUT Model (The Unified Theory of Acceptance and Use of
	Technology)15
2.5 Fact	ors Related to the VLE from the Lecturers' Perspective
2.5.1	Performance Expectancy
2.5.2	Effort Expectancy
2.5.3	Social Influence
2.5.4	Facilitating Conditions
2.5.5	Personal Innovativeness
2.5.6	Behavioural Intention to Use
2.5.7	Use Behaviour21
2.6 Fact	ors Related to the VLE from the Students' Perspective21
2.6.1	Learner Interface
2.6.2	Learning Community
2.6.3	Content
2.6.4	Usefulness
2.7 Chap	oter Summary 23
Chapter	- 3: CONCEPTUALIZATION AND OPERATIONALIZATION24
	r – 3: CONCEPTUALIZATION AND OPERATIONALIZATION24
3.1 Intro	duction
3.1 Intro 3.2 Cone	duction
3.1 Intro 3.2 Cone 3.3 Cone	duction
3.1 Intro3.2 Cone3.3 Cone3.4 Defi	eduction
 3.1 Intro 3.2 Cone 3.3 Cone 3.4 Defi 3.4.1 	eduction
3.1 Intro 3.2 Cone 3.3 Cone 3.4 Defi 3.4.1 3.4.2	eduction
3.1 Intro 3.2 Cone 3.3 Cone 3.4 Defi 3.4.1 3.4.2 3.4.3	oduction.24ceptualization.24ceptual Framework.24nitions of Variables for Lecturers.25Performance Expectancy.25Effort Expectancy.25Social Influence.26
3.1 Intro 3.2 Cond 3.3 Cond 3.4 Defi 3.4.1 3.4.2 3.4.3 3.4.3 3.4.4	oduction.24ceptualization.24ceptual Framework.24nitions of Variables for Lecturers.25Performance Expectancy.25Effort Expectancy.25Social Influence.26Facilitating Conditions.26
3.1 Intro 3.2 Cond 3.3 Cond 3.4 Defi 3.4.1 3.4.2 3.4.3 3.4.3 3.4.4 3.4.5	duction.24ceptualization.24ceptual Framework.24nitions of Variables for Lecturers.25Performance Expectancy.25Effort Expectancy.25Social Influence.26Facilitating Conditions.26Personal Innovativeness.26
3.1 Intro 3.2 Cond 3.3 Cond 3.4 Defi 3.4.1 3.4.2 3.4.3 3.4.4 3.4.5 3.4.6	duction24ceptualization24ceptual Framework24nitions of Variables for Lecturers25Performance Expectancy25Effort Expectancy25Social Influence26Facilitating Conditions26Personal Innovativeness26Behavioural Intention to Use26
3.1 Intro 3.2 Cond 3.3 Cond 3.4 Defi 3.4.1 3.4.2 3.4.3 3.4.4 3.4.5 3.4.6 3.4.7	duction.24ceptualization.24ceptual Framework.24nitions of Variables for Lecturers.25Performance Expectancy.25Effort Expectancy.25Social Influence.26Facilitating Conditions.26Personal Innovativeness.26Behavioural Intention to Use.26Use Behaviour.27
3.1 Intro 3.2 Cond 3.3 Cond 3.4 Defi 3.4.1 3.4.2 3.4.3 3.4.4 3.4.5 3.4.6 3.4.7 3.5 Defi	duction24ceptualization24ceptual Framework24nitions of Variables for Lecturers25Performance Expectancy25Effort Expectancy25Social Influence26Facilitating Conditions26Personal Innovativeness26Behavioural Intention to Use26Use Behaviour27nition of Variables for Students27
3.1 Intro 3.2 Cond 3.3 Cond 3.4 Defi 3.4.1 3.4.2 3.4.3 3.4.4 3.4.5 3.4.6 3.4.7 3.5 Defi 3.5.1	duction.24ceptualization.24ceptual Framework.24nitions of Variables for Lecturers.25Performance Expectancy.25Effort Expectancy.25Social Influence.26Facilitating Conditions.26Personal Innovativeness.26Behavioural Intention to Use.26Use Behaviour.27nition of Variables for Students.27Learner Interface.27
3.1 Intro 3.2 Cond 3.3 Cond 3.4 Defi 3.4.1 3.4.2 3.4.3 3.4.4 3.4.5 3.4.6 3.4.7 3.5 Defi 3.5.1 3.5.2	duction.24ceptualization.24ceptual Framework.24nitions of Variables for Lecturers.25Performance Expectancy.25Effort Expectancy.25Social Influence.26Facilitating Conditions.26Personal Innovativeness.26Behavioural Intention to Use.26Use Behaviour.27nition of Variables for Students.27Learner Interface.27Learning Community.28
3.1 Intro 3.2 Cond 3.3 Cond 3.4 Defi 3.4.1 3.4.2 3.4.3 3.4.4 3.4.5 3.4.6 3.4.7 3.5 Defi 3.5.1	duction.24ceptualization.24ceptual Framework.24nitions of Variables for Lecturers.25Performance Expectancy.25Effort Expectancy.25Social Influence.26Facilitating Conditions.26Personal Innovativeness.26Behavioural Intention to Use.26Use Behaviour.27nition of Variables for Students.27Learner Interface.27

3.6 Operationalization	29	
3.7 Chapter Summary		
CHAPTER – 4: RESEARCH METHODOLOGY	32	
4.1 Introduction	32	
4.2 Research Philosophy	32	
4.3 Research Approach	32	
4.4 Research Strategy	33	
4.5 Methodological Choice	33	
4.6 Time Horizon	34	
4.7 Research Site/ Area Selection	34	
4.8 Population of the Study	34	
4.9 Sampling Technique/ Method	35	
4.10 Method of Data Collection	36	
4.11 Research Instruments	37	
4.11.1 Methods of Measuring the Variables	. 37	
4.12 Sources of Measurements	37	
4.13 The Pilot Study	37	
4.14 Validity and Reliability Instruments	38	
4.15 Unit of Data Analysis	39	
4.16 Data Presentation, Analysis, and Evaluation	39	
4.16.1 Objective One and Three	40	
4.16.2 Objective Two and Four	41	
4.17 Ethical Consideration	42	
4.18 Chapter Summary	42	
Chapter – 5: DATA PRESENTATION AND ANALYSIS	43	
5.1 Introduction	43	
5.2 Data Presentation and Analysis of Lecturers' Perspective	43	
5.2.1 Reliability Analysis of Lecturers	43	
5.2.2 Analysis of Frequencies by Faculties	44	
5.2.3 Data Presentation and Analysis of Research Objectives	44	
5.2.3.1 Objective One	44	

5.2.3.1.1	Descriptive Statistics of Variables Related to VLE Usage among
	Lecturers
5.2.3.1.2	Frequency Distribution Level of Variables Related to VLE Usage
	among Lecturers
5.2	.3.1.2.1 Performance Expectancy
5.2	.3.1.2.2 Effort Expectancy
5.2	3.1.2.3 Social Influence
5.2	.3.1.2.4 Facilitating Conditions
5.2	3.1.2.5 Personal Innovativeness
5.2	.3.1.2.6 Behavioural Intention to Use
5.2	3.1.2.7 Use Behaviour
5.2.3.2 Ob	ective Two49
5.2.3.2.1	Relationships among the Variables Related to VLE Usage among
	Lecturers
5.3 Data Prese	ntation and Analysis of Students' Perspective
5.3.1 Relia	bility Analysis of Students 43
5.3.2 Analy	sis of Frequencies by Faculties
5.3.3 Data	Presentation and Analysis of Research Objectives
5.3.3.1 Ob	ective Three54
5.3.3.1.1	Descriptive Statistics of Variables Related to VLE Usage among
	Students
5.3.3.1.2	Frequency Distribution Level of Variables Related to VLE Usage
	among Students
5.3	3.1.2.1 Learner Interface
5.3	3.1.2.2 Learning Community
5.3	3.1.2.3 Content
5.3	3.1.2.4 Usefulness
5.3.3.2 Obj	ective Four
5.3.3.2.1	Relationships among the Variables Related to VLE Usage among
	Students
5.4 Chapter Su	mmary 57
Chapter – 6: 1	DISCUSSION ON FINDINGS
6.1 Introductio	n58

6.2 Discu	sion on Lecturers' Perspective5	8
6.2.1	Discussion on Personal Information of Lecturers	8
6.2.2	Discussion on Research Information of Lecturers5	8
6.2.2.	Discussion on Research Objective One5	8
6.2.2	2.1.1 Discussion on Descriptive Statistics of the Study Variables of	
	Lecturers	8
	6.2.2.1.1.1 Level of Performance Expectancy	9
	6.2.2.1.1.2 Level of Effort Expectancy	9
	6.2.2.1.1.3 Level of Social Influence	9
	6.2.2.1.1.4 Level of Facilitating Conditions	9
	6.2.2.1.1.5 Level of Personal Innovativeness	9
	6.2.2.1.1.6 Level of Behavioural Intention to Use	0
	6.2.2.1.1.7 Level of Use Behaviour	0
6.2.2.2	Discussion on Research Objective Two	0
6.2.2	2.2.1 Relationships among the variables elated to VLE Usage of	
	Lecturers	0
	6.2.2.2.1.1 Relationship between Performance Expectancy and Effort	
	Expectancy	0
	6.2.2.2.1.2 Relationship between Performance Expectancy and Social	
	Influence	0
	6.2.2.2.1.3 Relationship between Performance Expectancy and Facilitatin	ıg
	Conditions	1
	6.2.2.2.1.4 Relationship between Performance Expectancy and Social	
	Influence	1
	6.2.2.2.1.5 Relationship between Performance Expectancy and	
	Behavioural Intention to Use	1
	6.2.2.2.1.6 Relationship between Performance Expectancy and Use	
	Behaviour	2
	6.2.2.2.1.7 Relationship between Effort Expectancy and	
	Social Influence	2
	6.2.2.2.1.8 Relationship between Effort Expectancy and Facilitating	
	Conditions62	2
	6.2.2.1.9 Relationship between Effort Expectancy and personal	
	Innovativeness6	3

6.2.2.2.1.10 Relationship between Effort Expectancy and
Behavioural Intention to Use
6.2.2.2.1.11 Relationship between Effort Expectancy and Use
Behaviour63
6.2.2.2.1.12 Relationship between Social Influence and Facilitating
Conditions
6.2.2.2.1.13 Relationship between Social Influence and Personal
Innovativeness
6.2.2.2.1.14 Relationship between Social Influence and Behavioural
Intention to Use
6.2.2.2.1.15 Relationship between Social Influence and Use
Behavior64
6.2.2.2.1.16 Relationship between Facilitating Conditions and Personal
Innovativeness
6.2.2.2.1.17 Relationship between Facilitating Conditions and Behavioural
Intention to Use
6.2.2.2.1.18 Relationship between Facilitating Conditions and Use
Behaviour65
6.2.2.2.1.19 Relationship between Personal Innovativeness and
Behavioural Intention to Use
6.2.2.2.1.20 Relationship between Personal Innovativeness and Use
Behaviour
6.2.2.2.1.21 Relationship between Behavioural Intention to Use and Use
Behaviour
6.3 Discussion on Students' Perspective
6.3.1 Discussion on Personal Information of Students
6.3.2 Discussion on Research Information of Students
6.3.2.1 Discussion on Research Objective Three
6.3.2.1.1 Discussion on Descriptive Statistics of the Study Variables of
Students67
6.3.2.1.1.1 Level of Learner Interface
6.3.2.1.1.2 Level of Learning Community
6.3.2.1.1.3 Level of Content
6.3.2.1.1.4 Level of Usefulness

í,

6.3.2	2.2 Discussion on Research Objective Four	
	3.2.2.1 Relationships among the variables elated to VLE Usage of	
	Students	
	6.3.2.2.1.1 Relationship between Learner Interface and Learnir	ıg
	Community	
	6.3.2.2.1.2 Relationship between Learner Interface and Conten	
	6.3.2.2.1.3 Relationship between Learner Interface and Usefulr	1ess68
	6.3.2.2.1.4 Relationship between Learning Community and Co	ntent69
	6.3.2.2.1.5 Relationship between Learning Community and	
	Usefulness	69
	6.3.2.2.1.6 Relationship between Content and Usefulness	69
6.4 Chap	pter Summary	
Chanter	er – 7: CONCLUSIONS AND RECOMMENDATIONS	70
	oduction	
7.2 Conc	clusions	
7.2.1	Conclusion of Research Objective One	
7.2.2	Conclusion of Research Objective Two	
7.2.3	Conclusion of Research Objective Three	71
7.2.4	Conclusion of Research Objective Four	72
7.3 Cont	tributions of the Study	72
7.4 Reco	ommendations	72
7.4.1	Recommendations for Lecturers' Perspective	
7.4.2	Recommendations for Students' Perspective	73
7.5 Limi	itations of the Study	74
7.6 Direc	ection for Future Studies	74
LIST O	DF REFERENCES	75
AFFEN	DICES	85