EXAMINING E-SERVICE QUALITY IN E-BANKING, CUSTOMER SATISFACTION AND THE CURRENT ISSUES AFFECTING E-BANKING ADOPTION AMONG MALAYSIAN BANKS

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DECLARATION BY SUPERVISOR

I hereby declare that I have checked this project and in my opinion, this project is adequate in terms of scope and quality for the award of the degree of Bachelor of High-Tech Marketing (Honours)

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DECLARATION OF ORIGINAL WORK

"I hereby declare that the and summaries that have bee	work of this exercise is mine except for the quotations n duly acknowledge."
Signature	:
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DEDICATION

This research is dedicated to my lovely family that had given me the fully supported to finished this research also to my fellow friends that had accompany me for the past 4 years of my university life whose words of encouragement and push for tenacity ring in my ears. I'm also dedicated to my PSM Supervisor, En. Albert Feisal who taught me that even the largest task, can be accomplished if it is done one step at a time and who taught me that the best kind of knowledge to have is that which is learned for its own sake.

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ABSTRACT

Since the modernization era, E-banking (Internet banking; Online banking) experienced the rapid growth in most countries and transformed traditional banking practices. The provided e-banking prevail traditional banking practices by the banking industry to their customers. According to (Parisa, 2006) by offering Internet banking services, traditional financial institutions seek to lower operating costs, improve customer banking services, retain customer, reduce their branch networks, and downsize the number of their service staff. There are three main grounds for this research, to determine e-service quality dimension in e-banking, to analyse the level of customer satisfaction in e-banking services and to analyse the issues in e-banking. This research helps better conversance which factor that really needed to be exposed in determining the significant of e-service quality dimensions in e-banking framework at Malaysia. Better understanding will gain in this research on how selected e-service quality dimensions affect e-banking framework to be the guideline for banks management. The quantitative method has been selected by researcher to be use in this research to analysed data. 150 questionnaires have been distributed to Gen X and Gen Y in the central region. As the dimensions of e-service quality chosen are identified, the new e-banking framework in Malaysia will expose. Inevitably, ebanking service will improved by the e-service quality dimension selected and impress better performance in future.

Key Words: E-Banking, Internet Banking, Online Banking, E-Service Quality

ABSTRAK

Sejak era pemodenan , E- perbankan mengalami pertumbuhan pesat di kebanyakan negara dan mengubah amalan perbankan tradisional. E-perbankan mengatasi perbankan tradisional oleh industri perbankan kepada pelanggan. Menurut (Parisa, 2006) dengan menawarkan perkhidmatan perbankan Internet, institusi kewangan tradisional berusaha untuk mengurangkan kos operasi , meningkatkan perkhidmatan perbankan pelanggan, mengekalkan pelanggan, mengurangkan rangkaian cawangan mereka, dan mengecilkan jumlah kakitangan perkhidmatan mereka. Terdapat tiga sebab utama bagi kajian ini, untuk mengenalpasti ciri-ciri kualiti perkhidmatan untuk mengetahui tahap kepuasan pengguna dalam perhidmatan e-bank dan masalah-masalah yang berada di dalam e-bank. Pemahaman yang lebih baik akan didapati dalam kajian ini tentang bagaimana dimensi kualiti e- perkhidmatan dipilih menjejaskan rangka kerja eperbankan untuk menjadi garis panduan bagi pengurusan bank. Kaedah kuantitatif telah dipilih oleh penyelidik, digunakan dalam kajian ini untuk data dianalisis. Sebanyak 150 soal selidik telah diedarkan kepada Gen X dan Y. Sebagai dimensi kualiti e- perkhidmatan yang dikenal pasti , rangka kerja e- perbankan baru di Malaysia akan di dedahkan . Perkhidmatan e- perbankan akan diperbaiki dengan dimensi kualiti e- perkhidmatan terpilih dan menarik perhatian prestasi yang lebih baik pada masa depan.

Kata Kunci: E-Banking , Perbankan Internet , Perbankan Online, Kualiti E-Perkhidmatan

TABLE OF CONTENT

CHAPTER	CON	TENT	PAGE
	DEC	LARATION OF ORIGINAL WORK	i
	DED	ICATION	ii
	ACK	NOWLEDGEMENT	iii
	ABSTRACT		iv
	ABS	TRAK	V
	TAB	LE OF CONTENT	vi
	LIST	T OF TABLES	xi
	LIST	OF FIGURES	xiii
	LIST	OFABBREVIATIONS	xiv
	LIST	T OF SYMBOL	XV
	LIST	T OF APPENDIX	xvi
CHAPTER 1	INTI	RODUCTION	1
	1.1	Background of Study	1
	1.2	Statement of Problem	3
	1.3	Research Question	4
	1.4	Objectives	5
	1.5	Scope	6
	1.6	Limitation	6
	1.7	Importance of the Project	7
	1.8	Summary	8

CHAPTER 2	LITI	ERATURE REVIEW	9	
	2.1	Introduction		
	2.2	Overview of E-service Quality and	10	
		E-Banking		
		2.2.1 E-service Quality	10	
		2.2.2 E-banking	11	
		2.2.3 E-service Quality dimensions in	13	
		E-banking		
		2.2.3.1 Definition of E-service	15	
		Quality Used		
	2.3	Customer Satisfaction and Service Quality	16	
	2.4	Internet Banking Issues	17	
	2.5	Theoretical Framework	18	
	2.6	Hypotheses	19	
	2.7	Summary	20	
CHAPTER 3	RESI	EARCH METHOD	21	
	3.1	Introduction	21	
	3.2	Research Design	22	
	3.3	Quantitative Research	23	
	3.4	Simple selection method	24	
	3.5	Primary and Secondary Data Sources	24	
	3.6	Location of Research	25	
	3.7	Method of Primary Data Collection	25	
	3.8	Validity and Reliability	26	
		3.8.1 External Validity	27	
		3.8.2 Internal Validity	27	
		3.8.3 Construct Validity	28	
		3.8.4 Reliability	28	

	3.9	Pilot Test	28
	3.10	Reliability Analysis	29
	3.9	Summary	31
CHAPTER 4	DATA	AANALYSIS AND DISCUSSION	32
	4.1	Introduction	32
	4.2	Descriptive Statistics on Demographic	33
		4.2.1 Gender	33
		4.2.2 Category of User	34
		4.2.3 Race	36
		4.2.4 Academic Qualification	37
		4.2.5 Choice of Bank	39
	4.3	Assessment of IV (E-service Quality	
		Dimension, Customer Satisfaction, Issues	
		in E-banking) and DV (E-banking Adoption)	40
		4.3.1 E-Service Quality Dimension	41
		4.3.2 Customer Satisfaction	41
		4.3.3 Issues in E-Banking	43
		4.3.4 Internet Banking Adoption	45
	4.4	Result of Descriptive Analysis for IV	
		(E-service Quality Dimension, Customer	
		Satisfaction, Issues in E-banking and DV	
		(E-banking Adoption)	46
	4.5	Relationship between IV (E-service	
		Quality Dimension, Customer Satisfaction,	
		Issues in E-banking) and DV (E-banking	
		Adoption)	47
		4.5.1 Correlation Analysis	48
		4.5.2 Regression Analysis	50

51

		4.5.2.2 Customer Satisfaction	52
		4.5.2.3 Issues in E-banking	53
	4.5.3	One Way ANOVA	53
		4.5.3.1 E-service Quality	54
		4.5.3.2 Customer Satisfaction	55
		4.5.3.3 Issues in E-banking	55
	4.5.4	T-test	56
		4.5.4.1 E-service Quality	57
		4.5.4.2 Customer Satisfaction	58
		4.5.4.3 Issues in E-banking	59
4.6	Formu	lation of the Relationship of the	
	IV (E-	service Quality Dimensions,	
	Custor	mer Satisfaction, Issues in E-banking	
	and D	V (E-banking Adoption)	59
4.7	Object	tives and Hypothesis Testing	61
	4.7.1	Objective 1: To determine the	
		e-service quality dimensions used	
		that will affect e-banking adoption	62
	4.7.2	Objective 2: To analyse the level	
		of customer satisfaction in e-banking	
		services that effect e-banking adoption	63
	4.7.3	Objective 3: To analyze the issues in	
		e-banking that effect e-banking	
		adoption.	64
4.8	Summ	ary	66
CHAPTER 5 CONC	at tigia	ON & RECOMMENDATIONS	67
5.1	Introd		67
3.1	muodi	uction	U/

4.5.2.1 E-service Quality

Recap	oitulation of Study Findings	68
5.2.1	Respondent Demographic	68
5.2.2	Category of User	69
5.2.3	First Objective: To determine	
	the e-service quality dimensions	
	used that will affect e-banking	
	adoption	69
5.2.4	Second Objective: To analyze the	
	level of customer satisfaction in	
	e-banking services that effect	
	e-banking adoption	70
525	Third Objectives To analyze the	
5.2.5	· ·	
	<u> </u>	71
ъ.		71
		72
•		72
	-	72
		73
	•	74
Recon	nmendation for Future Research	75
ERENC	EES	76
ENDIX		82
	5.2.1 5.2.2 5.2.3 5.2.4 5.2.5 Discu Implie 5.4.1 Concl Limits Record	 5.2.2 Category of User 5.2.3 First Objective: To determine the e-service quality dimensions used that will affect e-banking adoption 5.2.4 Second Objective: To analyze the level of customer satisfaction in e-banking services that effect e-banking adoption 5.2.5 Third Objective: To analyze the issues in e-banking that effect e-banking adoption. Discussion Implications 5.4.1 Managerial Issues Conclusion Limitation of Study Recommendation for Future Research

LIST OF TABLES

NO.	TITLE	PAGE
2.1	List of Banks Offering Internet Banking Services in Malaysia	13
2.2	Reviews of E-service Quality Dimensions from previous Authors	15
2.3	Definitions of E-service Quality Used	16
3.1	Cronbach's Alpha	30
4.1	Gender of Respondents	33
4.2	Category of User	34
4.3	Race of Respondents	36
4.4	Academic Qualification of Respondents	37
4.5	Choice of Bank	39
4.6	Mean Score of E-Service Quality Dimensions	41
4.7	Mean Score of Aspect of Customer Satisfaction According to Bank	42
4.8	Mean Score of Aspect of Issues in E-Banking According to Bank	44
4.9	Mean Score of Internet Banking Adoption	45
4.10	Result of Descriptive Analysis for E-service Quality,	
	customer satisfaction, issues in E-Banking and Adoption of	
	E-Banking.	46
4.11	Values of the correlation coefficient	48
4.12	Pearson Correlation between E-Service Quality Dimension,	
	Customer Satisfaction, Issues in E-Banking and E-Banking	
	Adoption.	49
4.13	Simple Linear Regression of E-service Quality Dimension	51
4.14	Simple Linear Regression of Customer Satisfaction	52



4.15	Simple Linear Regression for Issues in E-banking	53
4.16	One Way ANOVA of E-service Quality Dimension	54
4.17	One Way ANOVA of Customer Satisfaction	55
4.18	One Way ANOVA of Issues in E-banking	56
4.19	Result of E-service Quality Dimension on t-test	57
4.20	Result of Customer Satisfaction on t-test	58
4.21	Result on Issues in E-banking on t-test	59
4.22	Relationship between E-Service Quality Dimension, Customer	
	Satisfaction, Issues in E-Banking and E-Banking Adoption	60
4.23	Relationship between E-Service Quality Dimensions	
	and E-Banking Adoption	
4.24	Hypothesis 1 Result	62
4.25	Relationship between customer satisfaction and E-Banking	
	Adoption	63
4.26	Hypothesis 2 Result	64
4.27	Relationship between Issues in E-Banking and E-Banking Adoption	64
4.28	Hypothesis 3 Result	65

LIST OF FIGURES

NO.	TITLE	PAGE
2.1	Theoretical Framework for E-Banking Adoption	18
4.1	Distribution of Respondent According to Gender	34
4.2	Distribution of Respondent According to Category of User	35
4.3	Distribution of Respondent According to Race	37
4.4	Distribution of Respondent According to Academic Qualification	38
4.5	Distribution of Choice of Bank	40

LIST OF ABBREVIATIONS

ATMs = Automated Teller Machines

AVR = Automated Voice Response

ANOVA = One Way Variance Analysis

BNM = Bank Negara Malaysia

CS = Customer Satisfaction

DV = Dependent Variable

e-SQ = E-service Quality

IV = Independent Variable

IV 1 = E-service Quality Dimension

IV 2 = Customer Satisfaction

IV 3 = Issues in E-banking

MRA = Multiple Regression Analysis

N = Number of Respondent

SERVQUAL = Service Quality

LIST OF SYMBOL

Percentage % =

Greater-than sign >

Less-than sign <

Hypothesis Alternative H_1 =

Hypothesis Null H_0

 R^2 Regression

LIST OF APPENDIX

NO.	TITLE	PAGE
A	QUESTIONNAIRE	82

CHAPTER 1

INTRODUCTION

1.1 Background of Study

Nowadays, world show popularity of rapid boost in E-banking (Internet banking, Online Banking). Each of business that oversees, vying for gain a competitive advantage by proving their technology to expedite synergy with customers. From customer perspective, online services offer panoply of benefits to the customers such as enhanced control, ease of use, and reduced transaction charges (Scullion and Nicholas, 2001, as cited in Yang and Fang, 2004). Online banking services are becoming an attractive alternative to visiting service outlets or phoning call centers for increasing number of customers (Kenova and Jonasson, 2006). Internet banking helps banks to build and maintain close relationships with their customers, reduces operating and fixed costs and achieves more efficient and enhanced financial performance (DeYoung et al. 2007 as cited in Rod et al. 2009).

"The rapid pace of advancement in information technology and communication networking has offered a wide range of delivering channels in retail banking. Banking institutions need to exploit the opportunities that arise from these developments and changes to remain competitive. The successful financial institutions in the future will be

those that are able to leverage most from the information and communications technology revolution. Increasingly, consumers are also demanding more efficient banking services and are becoming more discerning of the power that the technology brings."

(Central Bank of Malaysia, BNM Speeches & Interviews)

In Malaysia, internet banking emerged in 1981s with the emergence of Automated Teller Machines (ATMs). With adaptation in technologies, tele-banking have been knowledgeable whereby the telecommunication device allied to an automated system with the use of Automated Voice Response (AVR) technology. Thereafter, better software has been introduced and known as a desktop banking which is able to upload electronic bank statements and become more familiar among corporate customers. According to Shanmugam et al. (2002) on June 2000, the Bank Negara, Malaysia''s central bank, announced that government has given its approval for commercial banks to offer Internet banking services. The internet banking services embrace with banking inquiry functions, bill payments, credit card payments, fund transfer and others. Previously, customer services just implemented via e-mail and telephone line that accessible in the office hour timing. Nowadays, term of Internet Banking (E-banking) was "modernized" to personify paperless and Internet banking services as well.

E-service quality is a key issue to keep customer satisfaction and loyalty. Each banks competing with each other to offer better quality on e-service to satisfy their customers. These banks are introducing internet banking as an assurance to their customers that they will be able to maintain a competitive quality of service in the future, in efforts to avoid losing their customers (Rod et al. 2009). Offering internet banking is no longer regarded as a competitive advantage but a competitive necessity (Gan et al., 2006, as cited in Rod et al. 2009). To make it, it is very important to have a better intelligence what the user perspective during the use of Internet banking services. As a result, this study will focus on the enhancement e-service quality of E-banking in Malaysia.

1.2 Statement of Problem

The major issue of each business including banking industry is the way to offer a good service quality. According to Khalil Ahmed, (2011) customer satisfaction may determine the success or fail of a business. Better service quality provided could clinch a high market share and substantial return. For this reason banks generally try to understand customer's perceptions of e-service quality and extent their satisfaction. E-banking will continue to transforming the ongoing traditional banking industry and offers more convenience to meet better consumer services through intensifying the communication, data mining and customization it the Internet banking services. To sustain in the fierce global banking industry, the local banks in Malaysia are competing among themselves and with the foreign banks to enlarge their own market share in virtual banking.

It is not easy to satisfy internet banking customer's service expectation due to its unique business environment where the business interactions with customer are via web site. It is important for banks to provide online service to uncover what attributes consumers utilized in their assessment of overall service quality and satisfaction and which attributes are more important (Yang and Fang, 2004). Customers consider the dimensions that provided in e-banking mostly not satisfied them.

This research tries to find out the dimensions of e-service quality in e-banking, in Malaysia. As general information, better e-service quality to ensure security and ease of use through the various delivery channels are among the influence to support the online customers. Lack of legal and web site infrastructures will cause the problem for e-banking system to maintain its operations. Therefore, each bank should understand the character of e- service quality in creating customer satisfaction on virtual banking.

1.3 Research Ouestion

With the rapid growth in the modernization era, information can get on fingertips. Each industry trying to adapt their business with the new system, include banking industries that introduced the new system that be known as e-banking. By offering e-banking services, traditional financial institutions seek to lower operating costs, improve customer banking services, retain customer, reduce their branch networks, and downsize the number of their service staff (Parisa, 2006). Hence, this research focuses on how to develop the e-banking framework that can used by banking managers in providing the best service quality for customer satisfaction and to examining the e-service quality dimensions that can applied in Malaysia to convenience the Malaysian in the future.

This study specifically explored the following key questions:

- 1.3.1 What is the e-service quality dimensions used in e-banking that will effect e-banking adoption?
- 1.3.2 What is the level of customer satisfaction used in e-banking services that will effect e-banking adoption?
- 1.3.3 What are the current issues in e-banking that can effect e-banking adoption?

1.4 Objectives

Users today have been familiar with technology and accept the e-banking service announced by government. Thus, it is timely to explore and verify the e-service quality of e-banking in Malaysia for enhancement of service performance to gain user satisfaction. Developing an understanding of e-service quality dimension and the constructed framework are the focus of this study. In a broader perspective, this study intended to give valuable addition literature on e-service quality framework guideline in Malaysia.

Thus, the objectives of this study are:

- 1.4.1 To determine e-service quality dimension in e-banking that effect e-banking adoption.
- 1.4.2 To analyze the level of customer satisfaction in e-banking services that effect e-banking adoption.
- 1.4.3 To analyze the issues in e-banking that effect e-banking adoption.