### **ACKNOWLEDGEMENTS**

I would like to express my heartfelt appreciation to my supervisor, Dr. Sharifah Faridah Syed Alwi, who has provided me with supervision, guidance and advice. This research project would not have been a success without her constant support, trust and concern from the initial stage to completion. She has made available her support in a number of ways that has enabled me to develop a better understanding of this area of study.

I am indebted to Mr. Julian Paul Papu, Mr. Veerasimir Prashan Chitty, Mr. Lau Sear Haur, Mr. Yong Jing Ren, Ms Chow Sweet Fun, Mr. Loh Yeat Hui and Ms Alicia Foo who have provided me with valuable advice, encouragement, support and suggestions throughout the study.

My appreciation also extends to the support staff of the Graduate School of Business (UM-GSB) for the assistance given in completing this research project.

My deep gratitude to my family members, who have been very supportive throughout this study. I offer my regards and blessings to all of those who supported me in any respect during the completion of this research project.

Nicole Yap Chen Yan

#### **ABSTRACT**

Despite the high churn rates, the Malaysian telecommunications industry is growing. However, the lack of customer focus in this market has yielded one of the worst customer loyalty levels. The competitiveness of the domestic market has been further intensified with the implementation of mobile network portability (MNP), which has further complicated the issue of customer loyalty, as research has shown that better deals and low switching costs means that satisfied consumers never mind changing service provider. This shows that satisfaction no longer ensures loyalty (Grabowich & Guy, 2007). The purpose of this research is to identify the major antecedents that contribute towards customer loyalty among the established mobile service providers, moreover, to examine the relationship between these factors and customer loyalty in the context of the Malaysian telecommunications industry.

A conceptual model integrating the attributes of service quality, customer value, integration of branding elements and pricing that lead to customer loyalty towards mobile service providers is proposed in this study. In this paper, attention is drawn to the adoption of the full scale SERVQUAL model with mediating factors that proved to be relevant and applicable in the context of the present study.

Data was obtained from 300 mobile users from the Klang Valley, Penang and Ipoh through a questionnaire survey. Samples were selected using random sampling. The findings supported the proposed hypotheses and analysis results show that perceived service quality is necessary but not adequate in contributing to customer loyalty. These

findings will provide marketeers a comprehensive overview of the different factors that play an important role in influencing customer loyalty towards mobile service providers.

## Contents

ACKNO	OWLEDGEMENTS	Page i
ABSTRACT		
ABBREVIATIONS		
LIST OF FIGURES		
	F TABLES	viii ix
СНАРТ	TER 1 INTRODUCTION	
1.1	An Overview of the Telecommunications Market	1
1.2	The Need for Customer Loyalty in the Telecommunication Market	2
1.3	Research Objectives	4
1.4	Research Questions	5
1.5	Scope of Study	6
1.6	Organization of Study	8
1.7	Summary of the Chapter	9
СНАРТ	TER 2 LITERATURE REVIEW	
2.1	Introduction	10
2.2	Service Quality	10
2.3	Brand Image	14
2.4	Brand Trust	16
2.5	Price	19
2.6	Customer Value	19
2.7	Customer Loyalty	21
2.8	Conceptual Model	25
2.9	Relationship between Variables	27
2.10	0 Hypotheses Development	30
2.1	1 Summary of the Chapter	31

CHAPT	TER 3 RESEARCH METHODOLOGY	
3.1	Introduction	32
3.2	Research Hypotheses	32
3.3	Research Design	32
3.4	Selection of Sample	33
3.5	Sampling	33
3.6	Instrument of Measurement	35
3.7	Data Collection	36
3.8	Data Analysis Techniques	36
3.9	Summary of the Chapter	38
СНАРТ	TER 4 DATA ANALYSIS AND FINDINGS	
4.1	Introduction	39
4.2	Respondents' Profile	39
4.3	Preliminary Analyses	42
	4.3.1 Normality Test	42
	4.3.2 Descriptive Statistics	42
4.4	Descriptive Analysis	43
4.5	Validity Test	46
	4.5.1 Independent Variables	47
	4.5.2 Dependent Variables	47
4.6	Reliability Test	48
4.7	Correlation Analysis	50
4.8	Multiple Regression Analysis	52
4.9	Sobel Test	58
4.10	Summary of the Chapter	60

CHAPTE	ER 5 DISCUSSION AND CONCLUSION	
5.1	Introduction	61
5.2	Discussion of Results	61
	5.2.1 Normality Tests	61
	5.2.2 Descriptive Analysis	62
	5.2.3 Validity and Reliability Test	63
	5.2.4 Pearson's Correlation	63
	5.2.5 Multiple Regression	64
	5.2.6 Sobel Test	65
5.3	Conclusion	65
5.4	Implications of the Study	70
5.5	Limitations of the Study	71
5.6	Suggestions for Future Research	72
5.7	Summary of Chapter	73
REFERE	ENCE	74
APPENDI	IX I Questionnaire	
APPENDI	IX II	

### **ABBREVIATIONS**

3G Third generation

CBBE Customer-Based Brand Equity

DV Dependent Variable

etc Et cetera

*i.e.* That is

IVs Independent Variables

MCMC Malaysian Communications and Multimedia Commission

MNP Mobile Network Portability

MV Mediating Variable

P-E Perception and Expectation

SERVPERF Service Performance

SERVQUAL Service Quality

Sig. Significant

VAS Value-added Services

% Percent

# LIST of FIGURES

Figure 3.1	A conceptual model by Brodie et al. (2009)
Figure 3.2	Dimension of service quality model from Parasuraman <i>et al.</i> (1988) by Johnson and Sirikit (2002)
Figure 3.3	The proposed conceptual model in this study, adapted from Brodie <i>et al</i> . (2009), Johnson and Sirikit (2002)
Figure 3.4	The conceptual model and proposed hypotheses of this study
Figure 4.1	Normal P-P Plot of regression standardized residual for dependent variables
Figure 4.2	The scatter plot of residuals observed value and predicted value

# LIST of TABLES

Table 4.1	The demographic Profiles of the Respondents ( $N=300$ )
Table 4.2	Statistical normality tests for scale data from the sample ( $N=300$ )
Table 4.3	Summary of the mean of items according to variable ( $N = 300$ )
Table 4.4	Summary of the means of computed items according to variable (N= 300)
Table 4.5	KMO and Bartlett's Test for Independent Variables
Table 4.6	KMO and Bartlett's Test for Dependent Variables
Table 4.7	Cronbach's alpha value of variables
Table 4.8	Item-Total Statistics
Table 4.9	Cronbach's alpha value of variables
Table 4.10	The correlation between the independent variables and the dependent variables ( $N=300$ )
Table 4.11	The correlation between Customer Value and Customer Loyalty (N=300)
Table 4.12	Multiple correlation of independent variables with dependent variable
Table 4.13	Multiple correlation of independent variables (Customer Value) with dependent variable (Customer Loyalty)
<b>Table 4.14</b>	Significance of Independent variables
Table 4.15	Significance of Independent variables (Customer Value)
Table 4.16	Regression coefficients and significance of the independent variables
<b>Table 4.17</b>	Regression coefficients and significance of the independent variable (Customer Value)
<b>Table 4.18</b>	Sobel, Aroian and Goodman Test for Mediating Effect
<b>Table 4.19</b>	Summary of Results for Hypotheses 5
Table 5.10	Overall results of hypotheses testing