UNIVERSITI TEKNOLOGI MARA

CUSTOMER SATISFACTION TOWARDS SERVICE QUALITY OF KERETAPI TANAH MELAYU (KTM) KOMUTER

FATHIN AFRYNA BINTI ZULKIFLEE NUR FARAH HANIM BINTI MOHAMAD PAJRI NUR AMIRA ADIBA BINTI MOHD IBRAHIM

Final Year Project Submitted in Partial Fulfillment of the Requirements for the Degree of BACHELOR OF SCIENCE (HONS) STATISTICS

FACULTY OF COMPUTER AND MATHEMATICAL SCIENCES

ABSTRACT

This research examined customer satisfaction towards KTM based on its service quality and hence investigated the service quality dimension that contributes the most towards customer satisfaction. There were five service quality dimensions that were being investigated; tangibility, reliability, responsiveness, assurance, and empathy. Descriptive Statistics, Logistic Regression, Cronbach's Alpha, and Wilcoxon Signed-Rank Test were performed by using IBM SPSS software to analyse the data. The findings of the study revealed that the Reliability and Assurance dimension were significantly influenced the customer satisfaction with significance value 0.014 and 0.006 respectively. Moreover, Reliability dimension was found to be the most important dimension for KTM Komuter to meet the customers' satisfaction. Based on Wilcoxon Signed-Rank Test result, this study found that there was a significant difference between expectation and perception.

ACKNOWLEDGEMENTS

First and foremost, all praise be to Allah SWT, due to His will we managed to complete our final year project entitled Customer Satisfaction based on Service Quality of Keretapi Tanah Melayu (KTM) Komuter.

We would also like to acknowledge and appreciate individuals who continuously giving us support and involvement throughout the process of completing our project.

Our earnest gratefulness and appreciation go to our supervisor, Puan Nornadiah Binti Mohd Razali for her dedication and patience in supervising us to complete this project. Her excellent guidance and advice during the progress of the research project has tremendously helped us towards completing the project. Without her constant encouragement, this project would be impossible.

Besides, we are also very thankful to all the respondents that allocate their precious time to be involved in this project. Their cooperation during completing the questionnaires is deeply appreciated.

Furthermore, we cherished our friends for their continuous support and viewpoints during the progress of the research. Last but not least, our greatest gratitude goes to our family members for moral support and gives us the strength to complete the research project successfully.

FATHIN AFRYNA BINTI ZULKIFLEE NUR FARAH HANIM BINTI MOHAMAD PAJRI NUR AMIRA ADIBA BINTI MOHD IBRAHIM

TABLE OF CONTENTS

TOPIC			PAGE					
ABSTRACT ACKNOWLEDGEMENTS TABLE OF CONTENTS LIST OF TABLES LIST OF FIGURES LIST OF ABBREVIATIONS								
					LIST OF APPENI	DICES		viii
					CHAPTER 1:	INTE		
						1.1	Introduction	1
						1.2	Problem Statement	3
						1.3	Research Questions	3
	1.4	Research Objectives	4					
	1.5	Scope of Study	4					
	1.6	Significance of Study	5					
CHAPTER 2:	LITE	ERATURE REVIEW						
	2.1	Introduction	6					
	2.2	Service Quality	6					
	2.3	Customer Satisfaction	9					
	2.4	Issues Regarding KTM Komuter Service	9					
CHAPTER 3:	MET	THODOLOGY						
	3.1	Introduction	11					
	3.2	Research Design	11					
	3.3	Research Population and Sample	12					
	3.4	Sampling Method	12					
	3.5	Data Collection Method	12					
	3.6	Research Instrument	13					
	3.7	Theoretical Framework	14					

	3.8	Method of Analysis		14
		3.8.1	Descriptive Analysis	14
		3.8.2	SERVQUAL	15
		3.8.3	Reliability	16
		3.8.4	Importance-Performance Analysis	16
		3.8.5	Logistic Regression	18
		3.8.6	Wilcoxon Signed-Rank Test	20
CHAPTER 4:	RESU	ULTS A	ND DISCUSSION	
	4.1	Introd	uction	21
	4.2	Demographic Characteristics of the Respondents 2		
	4.3	Importance Performance Analysis 25		
	4.4	Measuring the Gap and Weightage between Expectation and Perception 30		
	4.5	Reliability of the SERVQUAL Instrument		
	4.6	Significant Predictors for Customer Satisfaction		
		4.6.1	Omnibus Test for Model Coefficient (Chi-Square Model)	36
		4.6.2	Hosmer and Lemeshow (H-L) Test	36
-		4.6.3	Predictive Efficiency Model	37
		4.6.4	Identifying Significant Predictors of Customer Satisfaction	38
	4.7	Differences between Expectation and Perception		41
CHAPTER 5:	CON	CLUSIC	ON AND RECOMMENDATIONS	
	5.1	Concl	usion	42
	5.2	Recor	Recommendations	
REFERENCES				45
APPENDICES				48