UNIVERSITI TEKNOLOGI MARA



E-WALLET ADOPTION: A CASE OF YOUTH CUSTOMERS' ACCEPTANCE

FAIZNUR AIZA HANI BINTI MUHAMMAD FOZI HAMIZAH BINTI ZAILAN NUR SYAMIRA HANIM BINTI SAIDI

BACHELOR OF SCIENCE (HONS.) STATISTICS FACULTY OF COMPUTER AND MATHEMATICAL SCIENCES

ABSTRACT

E-Wallets are prepaid wallets that require the user's money to be loaded prior to make any transaction. It provides quick connection with the banks to develop banking application activities. The problems identified for this paper is people who still skeptical with the use of technologies in making payment such as debit payment, online banking payment, mobile payment and more. The aims of this paper are to measure the level of acceptance of e-Wallet application among youth customers and to investigate the factors contribute towards e-Wallet acceptance among youth customers. Online questionnaire was used for the data collection method in this study. The target population used in this study were all youth customers who used e-Wallet. The minimum sample size for the youth customers that use e-Wallet was 150 samples. The SPSS software was used for statistical analysis. SPSS shows data analysis for descriptive statistics, prediction of numeral outcomes, data transformation, graphing, and direct marketing features. Reliability for each item was accomplished in SPSS. The result shows that all the variables have a strong reliability. The factors that are related to youth customers' acceptance of e-Wallet that are checked by the Structural Equation Modeling (SEM) indicate that all the factors affect the youth customers' acceptance of e-Wallet. The youth customers' acceptance of e-Wallet are affected by convenience, credibility and attractiveness of alternatives of using e-Wallet.

ACKNOWLEDGEMENT

IN THE NAME OF ALLAH, THE MOST GRACIOUS, THE MOST MERCIFUL

To begin with, we are grateful to Allah for His willingness, the strength that He has given us, and the opportunity that He has created for us to complete this project profitably.

We would like to express a very great appreciation to our supervisor, Madam Zuraida Binti Jaafar for her explanation and guidance, her kindness and willingness to share her knowledge, and her continuous support until we complete this project. We would like to offer our special thanks to our research lecturer, Dr. Nurul Nisa' Khairol Azmi, and Madam Zaitul Anna Melisa Md Yasin for helping us in this final year project. Advice given by the supervisor and other lecturers has been a great help in completing this project.

Our special thanks are extended to our family for their support, encouragement, and blessing towards us. We would like to acknowledge the help provided by our friends that support us and for their cooperation in completing this project. Our special thanks are extended to the respondents for their willingness to participate in this project. Finally, we would like to thank those who have been involved in this project until this project is finished.

TABLE OF CONTENTS

ABSTI	i			
ACKN	OWLEDGMENT	ii		
TABLE	iv			
LIST C	OF TABLES	v		
LIST	OF FIGURES	vi		
Chapte	er 1 INTRODUCTION	1		
1.1	Background of Study	1		
1.2		3		
	Research Questions	3		
	Research Objectives	3		
1.5	7 1	4		
	Significance of Study	4		
1.7	1	5		
	1.7.1 Scope of the study	5		
	1.7.2 Limitation of the study	5		
Chapte		7		
2.1		7		
2.2	Convenience	7		
	2.2.1 Perceived Usefulness	7		
	2.2.2 Perceived Ease of Use	8		
2.3	3	9		
	2.3.1 Perceived Security	9		
	2.3.2 Trust	11		
2.4	Attractiveness of Alternatives	12		
2.5	Technology Acceptance Model (TAM)	12		
2.6	Previous Study Methods	13		
2.7	Structural Equation Modeling (SEM)	14		
2.8	Conclusion	15		
Chapte	er 3 METHODOLOGY	17		
3.1	Introduction	17		
3.2	Research Design 17			
3.3	Research Population and Sample 18			
3.4	Sampling Method 19			
3.5	Data Collection Method 19			
3.6	Research Instrument	19		

3.7	Pilot S	20	
3.8	Metho	od of Analysis	20
	3.8.1	Software	20
	3.8.2	Reliability Statistics	21
	3.8.3	Descriptive Analysis	21
	3.8.4	Structural Equation Modelling (SEM)	22
3.9	Concl	usion	29
Chapter	4	RESULT AND ANALYSIS	30
4.1	Introd	luction	30
4.2	Assess	sing the consistency	30
4.3	Demo	graphic Profile of the respondents	31
	4.3.1	Gender of Respondents	31
	4.3.2	Age of respondents	32
	4.3.3	Income level of respondents (per month)	33
	4.3.4	Experience of respondents on using e-Wallet	34
	4.3.5	Monthly average expenditure of respondents	35
	4.3.6	Frequency in using e-Wallet for all respondents	36
	4.3.7	Purpose of respondents on using e-Wallet	37
	4.3.8	Types of e-Wallet used by respondents	38
4.4	The A	acceptance of e-Wallet	39
4.5	Evalua	ating the Youth Customers' Acceptance	40
	4.5.1	The Assessment of Unidimensionality	40
	4.5.2	The Assessment of Validity	41
	4.5.3	Assessment of Reliability	45
	4.5.4	Assessment of Normality	45
	4.5.5	The Confirmatory Factor Analysis (CFA)	47
4.6	Struct	ural Model	48
	4.6.1	Analyzing the Structural Model	48
	4.6.2	The Assessment of Fitness for Structural Model	49
	4.6.3	The Squared Multiple Correlation (R^2)	49
	4.6.4	The Correlation Coefficient	49
Chapter	: 5	CONCLUSION AND RECOMMENDATION	51
5.1	Concl	usion	51
5.2	Recon	mmendation	53
Referen	ces		54
APPEN	DICES	5	57