



UNIVERSITI TEKNOLOGI MARA

FINAL YEAR PROJECT REPORT

SAVING BEHAVIOR AMONG IPTA STUDENTS  
IN KOTA BHARU

AINI RAIHAN BINTI MANSOR	2014190709
NURHAFIZAH BINTI HAMDAN	2014598081
KHADIJAH BINTI SAID	2014943627

Bachelor of Science (Hons.) Statistics  
Center of Statistics Studies  
Faculty of Computer and Mathematical Sciences

JANUARY 2017

## ACKNOWLEDGMENTS

Praise to Allah S.W.T the Lord of the universe, for his wisdom, strength and blessing, we are finally able to finish our final year group project on the given time. This task had been done with all afford by group members. Luckily, all the problems while doing this report can be settled down and we were able to adapt properly and wisely. It would not have been possible without the support and help of many individuals involved in this project. We would like to extend our special and sincere thanks to all of them.

Firstly, we would like to express my sincere gratitude to my supervisors Madam Nurul Bariyah Binti Ibrahim and Sir Mohd Azry bin Abdul Malik for the continuous support of this project and for his patience, motivation and immense knowledge. The guidance helped us in all the time while doing this report.

We are very grateful to the administration of UiTM Kota Bharu and Universiti Malaysia Kelantan for allowing us to choose their students as respondents to our project. Without their valuable support it will not be possible to carry out this research. Besides that, we also want to thank all of our respondents for taking the time to cooperate for answering our questionnaire. Without their cooperation we cannot proceed and completed in this research project.

We would like thank to my group members and friends in for the stimulating discussions, for the sleepless nights we were working together before deadlines and for all the fun we have had. But not the least, we would like to thank our family for supporting our spiritually throughout writing this report and doing this experiments can be done and our life in general.

## TABLE OF CONTENTS

<b>ACKNOWLEDGMENTS</b>	<b>iii</b>
<b>TABLE OF CONTENTS</b>	<b>iv</b>
<b>LIST OF TABLES</b>	<b>vi</b>
<b>LIST OF FIGURES</b>	<b>vii</b>
<b>ABSTRACT</b>	<b>viii</b>
<b>CHAPTER 1: INTRODUCTION</b>	<b>1</b>
1.1 Introduction . . . . .	1
1.2 Problem Statement . . . . .	2
1.3 Research Objectives . . . . .	3
1.4 Research Questions . . . . .	3
1.5 Research Hypotheses . . . . .	4
1.6 Significance of Study . . . . .	4
1.7 Scope of Study . . . . .	5
1.8 Limitation of Study . . . . .	5
1.9 Research Schedule . . . . .	6
<b>CHAPTER 2: LITERATURE REVIEW</b>	<b>7</b>
2.1 Introduction . . . . .	7
2.2 Factors Affecting Saving Behavior . . . . .	7
2.2.1 Financial Literacy . . . . .	7
2.2.2 Parental Socialization . . . . .	8
2.2.3 Peer Influence . . . . .	9
2.2.4 Self control . . . . .	10
2.3 Review of Relevant Theoretical Models . . . . .	10
<b>CHAPTER 3: METHODOLOGY</b>	<b>12</b>
3.1 Introduction . . . . .	12
3.2 Study Design . . . . .	12
3.3 Study Population . . . . .	12
3.4 Sample Size . . . . .	13
3.5 Sources of Data . . . . .	13
3.6 Method of Data Collection . . . . .	14
3.7 Measuring Instrument . . . . .	15
3.8 Sampling Technique . . . . .	16

3.9	Theoretical Framework . . . . .	18
3.10	Method of Statistical Analysis . . . . .	19
3.10.1	Data Screening . . . . .	20
3.10.2	Descriptive Analysis for Demographic Variables . . . . .	21
3.10.3	Independent samples t-test . . . . .	21
3.10.4	One-Way Analysis of Variance (ANOVA) . . . . .	22
3.10.5	Correlation analysis ( Pearson Correlation) . . . . .	23
3.10.6	Kaiser-Meyer-Olkin (KMO) and Bartlett’s Test . . . . .	23
3.10.7	Rotated Component Matrix . . . . .	24
3.10.8	Reliability Analysis . . . . .	24
3.10.9	The Structural Equation Modelling . . . . .	24
3.10.10	The Measurement Models . . . . .	25
3.10.11	The Structural Model . . . . .	26
<b>CHAPTER 4: DATA ANALYSIS AND FINDINGS</b>		<b>29</b>
4.1	Data Screening . . . . .	29
4.2	Descriptive Analysis for Demographic Variables . . . . .	30
4.3	Checking Assumption for Demographic Variables . . . . .	32
4.3.1	Assumption of Independent Sample T-Test . . . . .	32
4.3.2	Assumption of ANOVA . . . . .	33
4.4	Statistical Analysis For Significant Different of Demographic Variables . . . . .	37
4.4.1	Gender . . . . .	37
4.4.2	Course . . . . .	38
4.4.3	Family Income . . . . .	38
4.4.4	Summary of Statistical Analysis for Significant Difference of Demographic Variables towards Saving Behavior . . . . .	39
4.5	Correlation Analysis . . . . .	40
4.6	Data Reduction Procedure: Exploratory Factor Analysis . . . . .	41
4.6.1	Kaiser-Meyer-Olkin (KMO) and Bartlett’s Test . . . . .	41
4.6.2	Rotated Component Matrix . . . . .	41
4.6.3	Reliability Analysis . . . . .	42
4.7	The Structural Equation Modelling . . . . .	43
4.7.1	Assessment of Reflective Measurement Model . . . . .	43
4.7.2	Analysis the Structural Model . . . . .	48
<b>CHAPTER 5: CONCLUSIONS AND RECOMMENDATIONS</b>		<b>53</b>
5.1	Conclusions . . . . .	53
5.2	Recommendations . . . . .	54

**REFERENCES**

**APPENDICES**

## ABSTRACT

This research project identifies the saving behavior among IPTA students in Kota Bharu involving the demographic characteristics of respondent and individual perception towards saving behavior. Saving plays an important role in the process of economic growth and development. Saving can be defined as the part of an individual's income that is not spent. This study aims to determine the significant difference of demographic profile (gender, course and family income) towards saving behavior and to determine the relationship between financial literacy, parental socialization, peer influence, self-control and saving behavior. Besides that, this study also aim to determine the significant effect of financial literacy, parental socialization, peer influence, self-control on saving behavior. A total of 302 respondents were randomly selected using Multi Stage Cluster Sampling. This study collected the data through distributed questionnaires to all selected respondent. The data were analyzed using SPSS 19.0 and Structural Equation Modeling (SEM) technique with the use of Partial Least Square approach (PLS). The overall findings of this study showed that gender and family income are influence the saving behavior. While the determinants that contributed the saving behavior was financial literacy, parental socialization and self-control. The several suggestions are everyone must put the goal of saving money and need to achieve to make it easier in the future and saving behavior is very important and should be practiced in everyday life.

Keywords: Saving Behavior, Financial Literacy, Parental Socialization, Peer Influence, Self-Control, Partial Least Square.