SUPERVISOR APPROVAL

I hereby declared this report entitled "The Factors Influencing Consumers Purchase Decision Toward Innovation Packaging Products" and found that it has comply the partial fulfilment for awarding the degree of Bachelor of Technology Management (Innovation Technology) with Honour

Signature

Supervisor's Name

SHAH & ATER THE ACUSH A TOO IN MY

Date

FIOC 3117 41 .

THE FACTORS INFLUENCING CONSUMERS PURCHASE DECISION TOWARD INNOVATION PACKAGING PRODUCTS

ANA MARDIA BINTI AHMAD

Laporan ini dikemukakan sebagai memenuhi sebahagian daripada syarat penganugerahan Ijazah Sarjana Muda Pengurusan Teknologi

(Teknologi Inovasi)

Fakulti Pengurusan Teknologi dan Teknousahawanan Universiti Teknikal Malaysia Melaka

JUNE 2017

I hereby declared have read this report entitled "The Factors Influencing Consumers

Purchase Decision Toward Innovation Packaging Products" and found that it has

complied the fulfilment in scope and quality for awarding the degree of Bachelor of

Technology Management (Innovation Technology) with Honour

Signature

Supervisor's Name

by 8P2P HADP BY BEAD BEHAS

Date

. IN JUNE 2017

Signature

Assessor's Name

. DR. MORAIN BT JSMAIL

Date

. 14 JUNE 2017

RESEARCHER DECLARATION

I declared that this report entitle "The Factors Influencing Consumers Purchase

Decision Toward Innovation Packaging Products" is the result of my own research

except as cited in the references.

Signature : MALY

Name : AND MARDIA DT. AHMAD

Date : IY JUN€ 2017

DEDICATION

Alhamdulillah, all praise and gratitude to the Almighty for giving me the opportunity and permission to complete this Final Year Project successfully. This dedication special for my beloved father, Ahmad Bin Yahaya and dear mother, Salamiah Binti Ismail also my family members. Millions of thanks for all advice, support and encouragement along the way of my struggle in seeking knowledge. Thanks for the blessings in pray that never dropped out from mother and father has become reality and fulfilled by His permission. I also would like to thank my older sisters who became a source of strength and always giving me encouragement to continue focus and strive in this field.

DEDIKASI

Alhamdulillah, segala puji dan syukur dipanjatkan ke hadrat Ilahi kerana diberi kesempatan dan keizinan untuk menyiapkan Projek Tahun Akhir ini dengan jayanya. Butiran kata dedikasi ini ditujukan khas kepada ayahanda tercinta iaitu Ahmad Bin Yahaya dan ibunda tersayang, Salamiah Binti Ismail serta ahli keluarga. Jutaan terima kasih di atas segala nasihat, sokongan dan semangat sepanjang anakmu ini di jalan perjuangan menuntut ilmu. Syukur di atas berkat doa yang tidak pernah putus daripada ibunda dan ayahanda selama ini menjadi kenyataan dan termakbul dengan izin-Nya. Tidak lupa juga terima kasih kepada kakak-kakak saya yang menjadi tempat sandaran kekuatan dan senantiasa memberikan galakan agar terus fokus untuk melangkah di medan ini.

ACKNOWLEDGEMENT

Bismillahirahmannirahim, Alhamdulillah, thanks Allah for giving me chances to add knowledge in this world. Inshaa Allah, hopefully His blessing not only for this world but also for the next one. I have gained many experiences in seeking knowledge in this entire research. Valuable experiences during conducting this research may only come once in my life. I would like to acknowledge my appreciation to many individuals.

I would like to express my sincere gratitude to my project supervisor who is open-minded, Mrs. Raja Huda Binti Raja Sehar. Cooperation and support from her in guiding me to continue committed in order to carry out this research was very appreciated.

Not forgetting appreciation to my panel, Dr. Norain Binti Ismail who is dedicated and always make meticulously work against my final project presented by me. She provides many insights and improvements in obtaining the best quality of my project.

Appreciation is also extended to Nurnadia Binti Zainal who always give me great motivation, cooperation and moral support to continue commit toward the project until successful. In addition, thanks to friends and all those who directly or indirectly helped ensure the success of this research project. I hope this report will contribute to useful knowledge and become a reference for other students in the future.

PENGHARGAAN

Bismillahirahmannirahim, syukur kepada Allah kerana memberi peluang kepada saya untuk menambah ilmu pengetahuan di dunia ini. Dengan izin-Nya, saya berharap berkat-Nya tidak hanya di sini tetapi juga disana kelak. Saya telah memperoleh pelbagai pengalaman baru ketika menuntut ilmu dalam pelaksanaan kajian ini. Pengalaman berharga sepanjang melaksanakan kajian ini mungkin hanya akan datang sekali sahaja dalam hidup saya. Saya ingin menyampaikan penghargaan kepada pihak-pihak yang yang terlibat dalam kajian ini.

Saya ingin menyampaikan penghargaan ini kepada Penyelia projek saya yang berjiwa terbuka, Puan Raja Huda Binti Raja Sehar. Luangan masa, kerjasama dan sokongan moral daripada beliau ketika membimbing saya untuk terus komited dalam usaha melaksanakan kajian ini amat saya hargai. Pelbagai ilmu bermanfaat telah saya perolehi sepanjang dibawah kelolaan Puan Raja Huda.

Tidak dilupakan ucapan penghargaan kepada panel penilai saya iaitu Dr. Norain Binti Ismail yang berdedikasi dan teliti terhadap setiap telahan hasil kerja yang dibentangkan oleh saya. Beliau banyak memberikan pandangan dan penambahbaikan di dalam memperoleh kualiti projek yang terbaik.

Penghargaan juga ditujukan buat insan bernama Nurnadia Binti Zainal yang sentiasa memberi saya kata-kata motivasi, kerjasama serta sokongan moral bagi merealisasikan usaha menyempurnakan Projek Sarjana Muda dengan jayanya. Selain itu, terima kasih kepada sahabat-sahabat dan semua pihak yang ada secara langsung atau tidak langsung membantu menjayakan projek penyelidikan ini. Semoga laporan ini mampu menyumbang kepada ilmu yang bermanfaat dan menjadi sumber rujukan buat pelajar lain kelak.

ABSTRACT

This paper is study on innovation packaging products which can be known as INNOPACK. Innovations packaging aimed to reduce the impact of packaging on the environment and it was one of the initiative that directly reduce the amount or variety of materials used and generally reduce waste. Decision of green purchase toward the packaged product offer a chance to reduce the negative environmental impact through adopt the environmentally friendly packaged products. The use of goods among consumers creates toxic waste which becomes the pollutant to the land especially household consumption mainly due to the packaging material.

Therefore, this study tries to identify the awareness and understanding of young consumers toward innovation packaging and study the most factors of their determinants purchase decision toward INNOPACK. It scopes on examining the factor of social influence, attitude, environmental concern, personal norms and willingness to pay. In this case study of innovation packaging products, this research explored the relationship between two variables which are factors influence of consumers' purchase decision and the effectiveness of innovation packaging products. After conducting this research, it was found out that to achieve and enhance young consumer's awareness toward the innovation packaging, some of efforts should be focused on specific events, activities, and functions that related to INNOPACK products. Young consumers should support and loyal to the company which take initiative to produce better innovation packaging products for the environmental safe.

ABSTRAK

Kertas kajian ini membentangkan tentang penyelidikan terhadap produk pembungkusan inovasi yang dikenali sebagai INNOPACK. Pembungkusan inovasi bertujuan mengurangkan kesan jumlah pembungkusan terhadap alam sekitar dan ia merupakan salah satu inisiatif yang secara terus meminimakan jumlah dan variasi bahan yang digunakan dan secara umumnya untuk mengurangkan pencemaran. Keputusan pembelian hijau terhadap pembungkusan produk menawarkan peluang untuk mengurangkan kesan negatif terhadap alam sekitar melalui penggunaan produk pembungkusan secara mesra alam. Penggunaan barangan di kalangan pengguna membentuk pencemaran toksik yang mengakibatkan pencemaran kepada tanah terutama penggunaan barangan dapur akibat daripada bahan pembungkusan.

Oleh itu, kajian ini berusaha untuk mengenal pasti tahap kesedaran dan kefahaman oleh pengguna generasi muda terhadap pembungkusan inovasi dan kajian berkenaan faktor utama yang menyumbang kepada keputusan pembelian terhadap pembungkusan inovasi. Skop kajian ini adalah mengenal pasti faktor pengaruh sosial, sikap, keprihatinan alam sekitar,norma peribadi dan kesanggupan untuk membayar. Dalam kajian produk pembungkusan inovasi ini, penyelidikan ini menyelami hubungkait antara dua pembolehubah iaitu faktor yang mempengaruhi keputusan pembelian pengguna dan keberkesanan produk pembungkusan inovasi. Setelah mengendalikan penyelidikan ini, pengkaji menemui bahawa untuk mencapai dan meningkatkan kesedaran pengguna terhadap pembungkusan inovasi, langkah proaktif perlu diambil seperti mengadakan acara tertentu, aktiviti dan program yang melibatkan produk INNOPACK. Pengguna belia juga seharusnya menyokong dan setia kepada pengusaha yang mengambil inisiatif untuk mengeluarkan produk pembungkusan inovasi yang lebih baik demi kesejahteraan alam sekitar.

TABLE OF CONTENT

CHAPTER	TITI	LE	PAGE
	SUP	ERVISOR APPROVAL	I
	RES	EARCHER DECLARATION	IV
	DED	ICATION	V
	ACK	NOWLEDGEMENT	VII
	ABS	TRACT	IX
	ABS	TRAK	X
	TAB	TABLE OF CONTENT	
	LIST OF TABLE LIST OF FIGURE		XV
			XVII
	LIST	OF APPENDIXES	XVIII
CHAPTER 1:	INTI	RODUCTION	
	1.1	Background of the Research	1
	1.2	Problem Statements	2
	1.3	Research Question and Research Objectives	3
	1.4	The scope and Limitation of Research	4
	1.5	Important of the Research and Summary	5

CHAPTER 2:	LIII	ERATURE REVIEW	
	2.1	Packaging	6-8
	2.2	Innovation Packaging	8-13
		2.2.1 Purchase Decision of Consumer	14
	2.3	Factors Influencing Consumers	
		2.3.1 Social Influence	15
		2.3.2 Attitude	16-18
		2.3.3 Environmental Concern	18-19
		2.3.4 Personal Norms	19
		2.3.5 Willingness to pay	20
	2.4	Theoretical Framework	21
	2.5	Hypothesis	22-23
	2.6	Theory Utilized	24
CHAPTER 3:	RES	EARCH METHOD	
CHAPTER 3:	3.1	EARCH METHOD Introduction	25
CHAPTER 3:			25 26
CHAPTER 3:	3.1	Introduction	
CHAPTER 3:	3.1 3.2	Introduction Research Design	26
CHAPTER 3:	3.1 3.2 3.3	Introduction Research Design Methodological Choice	26 27
CHAPTER 3:	3.1 3.2 3.3 3.4	Introduction Research Design Methodological Choice Method of Primary Data and secondary data	26 27 28
CHAPTER 3:	3.1 3.2 3.3 3.4 3.5	Introduction Research Design Methodological Choice Method of Primary Data and secondary data Location of the research	26 27 28 28
CHAPTER 3:	3.1 3.2 3.3 3.4 3.5 3.6	Introduction Research Design Methodological Choice Method of Primary Data and secondary data Location of the research Research Strategy	26 27 28 28 30
CHAPTER 3:	3.1 3.2 3.3 3.4 3.5 3.6 3.7	Introduction Research Design Methodological Choice Method of Primary Data and secondary data Location of the research Research Strategy Time Horizon	26 27 28 28 30 30
CHAPTER 3:	3.1 3.2 3.3 3.4 3.5 3.6 3.7 3.8	Introduction Research Design Methodological Choice Method of Primary Data and secondary data Location of the research Research Strategy Time Horizon Development of Questionnaire	26 27 28 28 30 30
CHAPTER 3:	3.1 3.2 3.3 3.4 3.5 3.6 3.7 3.8	Introduction Research Design Methodological Choice Method of Primary Data and secondary data Location of the research Research Strategy Time Horizon Development of Questionnaire Analytical Tool	26 27 28 28 30 30
CHAPTER 3:	3.1 3.2 3.3 3.4 3.5 3.6 3.7 3.8	Introduction Research Design Methodological Choice Method of Primary Data and secondary data Location of the research Research Strategy Time Horizon Development of Questionnaire Analytical Tool 3.9.1 Reliability	26 27 28 28 30 30 30

			AIII
		3.9.3.1 Regression analysis	32
		3.9.3.2 Correlation	33
	3.10	Result of Pilot Test	
		3.10.1 Reliability Test	34
		3.10.2 Multiple Regression Analysis (MRA)	35-37
		3.10.3 Correlation Analysis	38-40
	3.11	Summary	40
CHAPTER 4:	DATA	A ANALYSIS AND FINDING	
	4.1	Introduction	41
	4.2	Demographic Analysis	42
	4.2.1	Gender	43
	4.2.2	Age	43
	4.2.3	Marital Status	45
	4.2.4	Education	46
	4.2.5	Residence	47
	4.2.6	Awareness Concept of INNOPACK Products	48
	4.2.7	Understanding of INNOPACK Product Concept	50
	4.3	Reliability Test	52
	4.4	Multiple Regression Analysis	53-56
	4.5	Hypothesis Testing	57-61
	4.6	Correlation Analysis	62-64
	4.7	Summary	65

CHAPTER 5:	DISCUSSION, CONCLUSION AND RECOMMENDATION		
	5.1	Introduction	66
	5.2	Discussion of Finding	66
	5.3	Finding of Research Objective	67-72
	5.4	Conclusion	73
	5.5	Recommendation	
	5.5.1	Suggestion for Future Research	74
	Appei	ndixes	
		Gantt Chart semester I	76
		Gantt Chart semester II	77
		Questionnaire sample	78-83
		SPSS Output	84-86
	Refer	ences	87-89

LIST OF TABLE

TABLE	TITLE	PAGE
3.9.1	Rule of thumb about Cronbach's alpha coefficient sizes	31
3.9.3.2	Interpreting the Correlation Coefficient	
	using "Rules of Thumb"	33
3.10.1	Cronbach Alpha	34
3.10.2(a)	Model Summary	35
3.10.2(b)	ANOVA	36
3.10.2(c)	Coefficients	37
3.10.3.1	Correlations and significant value	39
3.10.3.2	Summary of Correlations between	
	Consumer Purchase Decision Towards	
	Innovation Packaging Products	40
4.2.1	Gender	43
4.2.2	Age	44
4.2.3	Marital Status	45
4.2.4	Education	46
4.2.5	Residence	47
4.2.6	Awareness the Concept of Innovation	
	Packaging Products	48
4.2.7	Understanding of Innovation Packaging	
	Product Concept	50
4.3.1	Cronbach Alpha result	52

4.4.1	Model Summary	54
4.4.2	ANOVA	55
4.4.3	Coefficients	56
4.6.1	Correlations and significant value	63
4.6.2	Summary of Correlations between Consumer	
	Purchase Decision Towards Innovation	
	Packaging Products	64

LIST OF FIGURE

FIGURE	TITLE	PAGE
2.4	Theoretical Framework	21
4.2.1	Gender	43
4.2.2	Age	44
4.2.4	Education	46
4.2.5	Residence	47
4.2.6	Awareness the Concept of Innovation	Ţ.
	Packaging Products	49
4.2.7	Understanding of Innovation	
	Packaging Product Concept	50

LIST OF APPENDIX

APPENDIX	TITLE	PAGE
A	Gantt Chart Semester I	76
В	Gantt Chart Semester II	77
C	Questionnaire sample	78
D	SPSS Output	84

CHAPTER 1

1.0 INTRODUCTION

1.1 Background of the Research

The term green is alternatively known as 'eco-friendly', 'environment friendly' or 'sustainable' (Kim et al, 2013). While, the term of innovation packaging can be known as eco-friendly packaged or INNOPACK (Sirim, 2016). Innovation packaging was designed to be effective and safe throughout its life cycle and promote economic and environmental health. Specifically, innovations aimed to reduce the impact of packaging on the environment and it was one of the initiative that directly reduce the amount or variety of materials used and generally reduce waste (Vernuccio and Cozzolino, 2010).

In order to cater the rising need and importance of green technology towards sustainability advancement, the government has formed the Ministry of Energy, Green Technology and Water. Malaysian government has involved in stimulating green purchasing behaviour among the consumers. The government has taken a holistic approach for the sustainability of the environment which is known as AFFIRM. AFFIRM that stands for Awareness, Finance, Faculty, Infrastructure, Research, development and commercialization and Marketing has obtained commitment for all stakeholders in committing toward the environment protection in Malaysia (Malaysia Green Forum, 2010).

In addition, consumers are more concern to be motivated to make a contribution toward the environmental protection through the sustainable development (Moser, 2015). Decision making of green purchase toward the packaged product offer a chance to reduce the negative environmental impact through adopt the environmentally friendly packaged products (Leonidou, et al, 2013).

1.2 Problem Statements

High consumption and exploitation of the nature have cause environmental deterioration. The higher of their contribution to the environment because of the more things people purchase. This is because, the use of goods among consumers creates toxic waste which becomes the pollutant to the land (Nurul Zarirah Nizam et al, 2014). The household consumption like groceries is a substantial share to the environment impact which is mainly due to the packaging material (Koenig-Lewis et al., 2014). The solution of the problem must be understanding because all environmental problem has sources, effects and a holistic resolution to be aware and understand to respond the environmental problem without delay.

It can be considered that packaging is capable of creating eco-friendly perception of consumers. But, there are few studies that have traced the influence of eco-friendly packaging and purchase intention of consumers (Larceneux et al., 2012). Most studies have been done in the developed countries and have analysed the antecedents of consumers' purchase of ecologically packaged products (Koenig-Lewis et al, 2014). Therefore, the present paper tries to identify the awareness and understanding consumers toward innovation packaging and studying the most factors of their determinants purchase decision toward the innovation packaging.

1.3 Research Questions

This existing propensity, interesting research questions emerge:

- 1) What are the level of young consumers' awareness toward innovation packaging products?
- 2) What are the level of young consumers' understanding toward innovation packaging products?
- 3) What are the factors that will influence young consumer purchase decision toward innovation packaging products?

1.4 Research Objectives

According to Saunders at.al. (2012) research objective is a clear, specific statements that identify what the researcher wishes to accomplish as a result of doing the research. The objective of this research is:

- To know the level of young consumers' awareness toward innovation packaging products.
- To determine the level of young consumers' understanding toward innovation packaging products.
- To identify the factors that will influence young consumer purchase decision toward innovation packaging products.

1.5 The Scope of Research

The scope of this study involves getting feedback from the young consumers purchase decision as observer from the implement of innovation packaging method. This study primarily conducted at Melaka Tengah among young generation consumers. It scopes on examining the factor of social influence, attitude, environment concern, personal norms and willingness to pay in influence consumer's purchase decision toward innovation packaging products.

1.6 Limitation of the Research

The samples of survey are only chosen around Melaka Tengah among the young generation consumers. This research is use questionnaire as a survey method and based on quantitative analysis to analyse the result data of survey. The total sample chosen is because of limitation of cost and time to run the data. Researcher do not have enough time to reach all respondents because limited time duration of research. Study subjects responded is only based on the answers provided by the respondents. The researcher assume that respondents will provide honest answers. The researcher also assume that respondents have adequate knowledge to be the part of respondent for primary data collection. The researcher assume that respondent have more experience to handling this topic when she/he can provide justifiable answers.

1.7 Importance of the Research

This research will show the insight into the phenomenon of innovation packaging products awareness among young consumers in Melaka. The objective of this research is to examine how innovation packaging namely green packaged is structured through the factors that will influence young consumers in purchase decision. From this research, the researcher aims of achieving the goal by giving detailed variable of factors that influence in purchase decision of innovation packaging product by young consumers understanding using academic data research and empirical part of the study. Theoretical part contains the background of factors consumers' purchase decision and the description of the state research concept with emphasis on innovation packaging products.

1.8 Summary

This chapter is explaining the background of the research which is about the theory of innovation packaging products and the latest scenario among consumers. Next, discuss the problem statement that leads the researcher to achieve the objective of this research. In this chapter also discuss the research question, research objective, scope of the research limitation and importance of the research.

CHAPTER 2

2.0 LITERATURE REVIEW

2.1 Packaging

From the previous research in the choice of packaging, a choice made when a desired product comes in alternative packages likes functional package characteristics such as convenience of use, design and aesthetics have been in the forefront. Only recently have the environmental consequences of packaging and the amount of household waste become a focus. The importance of the waste problem suggests that environment friendliness of product packaging should be added into consumer choice models as a relevant product attribute now a day. The finding of the study indicate that product packaging was an important product attribute in the consumer choice. All respondents expressed their concerns for the environment and they willing to contribute by recycling and choosing environmental-friendly products (Rokka & Uusitalo, 2008).

From the online lecture videos by Jason Richea (2012), packaging is done for every product that helps to convey identify and image of the product. Packaging can be describing as the design, science, art and technology of enclosing or protecting products for distribution, storage, sale and use. The raw material of packaging includes large bags, sacks, and others. Consumer products packaging include boxes, bottles and others. Reason for packaging include consolidation, protection, information, brand identification and sales promotion.