

**UNIVERSITI TEKNOLOGI MARA**

**AN EMPRICIAL STUDY OF SOCIAL NETWORK  
ADDICTION AMONG STUDENTS**

**AHMAD SHAHIR BIN JANTAN**

IT Project submitted in partial fulfillment  
of the requirements for the degree of  
**Master of Science in Information Technology**

**Faculty of Computer and Mathematical Sciences**

July 2016

## ABSTRACT

Nowadays there are lots of social networking sites found in the internet such as Facebook, Twitter, Google+ and moreover. Young people is the most exposed group to social network that influenced by modern trend. Social networks has many functions started through communicating with family and friends, playing games, online shopping, and also entertainment such as (YouTube etc). The negative consequences of social network addiction have been detected increasing recently. Although advanced technology is quite crucial but addiction to social network can affect human's health along with social imbalances and academic performance especially among the students. This research was conducted to study the level of social network addiction and the relationship among social network addiction among student to health and academic performance. A survey questionnaire was used to get the factor that effect of social network addiction and the relationship between social network addiction towards academic performance and health. Moreover, this survey will help to prevent users from highly addicted to their social network. However, due to limited time this research is conducted among college students and focus on the effect of social network addiction to academic performance and health. A questionnaire survey is gathered based on the literature review analysis of designing the good and related questionnaire. Data from, the result is inserted into SPSS to give the summary and measurement for each individual data. Students that use social network more than 2 years as targeted participant, help a lot in this research to get results from the survey. From this research the expected result is students able to know their level of social network addiction and the effect of social network addiction towards health and academic performance.

Keywords: social network, social network addiction, academic performance.

## ACKNOWLEDGEMENT

*Bismillahirrahmanirrahim, In the name of Allah, The most Gracious and the most Merciful*

Firstly, I would like to express my gratitude to Allah with His graciousness for giving me a time to complete this project paper on time. The completion of this report is through the relentless cooperation of several persons besides me in giving guidance.

My utmost appreciation goes to my project supervisor Madam Rogayah Abdul Majid. She has given me support in completing this project. She also gives ideas that have opened my minds on the important components which is crucial in this project. Without her endless advice and support, I would have not completed this project.

My thanks also extend to my wife, \_\_\_\_\_ who are very helpful in giving me support and guide me in completing the program.

Last but not least my deepest appreciation to my beloved parents, mother and father in-laws and my supportive friends. Thank you for being there, wherever I am.

Thank you.

## TABLE OF CONTENTS

<b>AUTHOR'S DECLARATION</b>	<b>i</b>
<b>ABSTRACT</b>	<b>ii</b>
<b>ACKNOWLEDGEMENT</b>	<b>iii</b>
<b>LIST OF TABLES</b>	<b>vii</b>
<b>LIST OF FIGURES</b>	<b>ix</b>
<b>CHAPTER ONE INTRODUCTION</b>	
1.1 Introduction	1
1.2 Research Background	1
1.3 Problem Statement	3
1.4 Research Questions	4
1.5 Research Objective	4
1.6 Research Significance	5
1.7 Scope	5
1.8 Summary	6
<b>CHAPTER TWO: LITERATURE REVIEW</b>	<b>7</b>
2.1 Introduction	7
2.2 Social Network History	8
2.3 Addiction To Social Network In Smartphone	9
2.4 Impact Of Social Network	9
2.4.1 Positive Impact	9
2.4.2 Negative Impact	10
2.5 Impact Of Technology On Health And Life Style	11
2.7 Related Research Study	13

2.7.1	Relationship between Social Network and Academic Performance	14
2.7.2	Relationship between Social Network and Health	15
2.8	Summary	16
 <b>CHAPTER THREE: METHODOLOGY</b>		<b>17</b>
3.1	Introduction	17
3.2	Overview Of Research Methodology	17
3.3	Research Method And Hypotheses	19
3.4	Model Analysis	19
3.5	Population And Sampling Design	21
3.6	Questionnaire Design	21
3.6.1	Level Of Social Network Addiction Test	22
3.6.2	Social Network And Student Academic Performance	24
3.6.3	Social Network And Student Health	26
3.7	Statistical Analysis	27
3.7.1	Descriptive Data Analysis	27
3.8	Summary	27
 <b>CHAPTER FOUR: RESULTS AND DISCUSSION</b>		<b>28</b>
4.1	Introduction	28
4.2	Demographic Information	28
4.3	General Social Media Use	30
4.4	Croanbach's Analysis	38
4.5	Social Network And Student Performance	40
4.6	Social Network And Student Health	44
4.7	Correlation Analysis	47
4.8	Discussion On Findings	48
4.9	Summary	50