

**APPROVAL AND DECLARATION**

“I hereby declare that I have checked this project/thesis and in my opinion, this report is adequate in terms of scope and quality for the award of the degree of Bachelor of Technopreneurship (Honours)”

Signature : .....

Supervisor Name : DR. HASLINDA BINTI MUSA

Date : 2<sup>nd</sup> JUNE 2017

Signature : .....

Evaluator Name : DR. NURULIZWA BINTI ABDUL RASHID

Date : 2<sup>nd</sup> JUNE 2017

**THE IMPACT OF SMARTPHONE AMONG STUDENTS THAT INFLUENCE  
THE LACKS OF CONCENTRATIONS IN MALACCA CITY**

**SITI SERI FATIMAH BINTI MOHD TAJUDDIN**

Submitted in Partial Fulfillment of the Requirement of the Degree for the Bachelor of  
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Universiti Teknikal Malaysia Melaka

JUNE 2017

## DECLARATION

“I admit that this report is the result of my own, except certain explanation and passages where every of it is cited with sources clearly”

Signature :

Name : SITI SERI FATIMAH BINTI MOHD TAJUDDIN

Date : 2<sup>ND</sup> JUNE 2017

## DEDICATION

I dedicate this research to my family, especially my beloved parents Mohd Tajuddin Bin Teridi and my loving mother Madam Rozitah Binti Manap for nursing me with the affections and love; always support and give motivation to me to finish my research. Deepest thanks and appreciation to my lecturer at item, especially for my supervisor Dr Haslinda binti Musa, my panel Dr Nurul Izwa and my friends for helping me throughout the project towards accomplishing my thesis.

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## ABSTRACT

The current study examined the impact of Smartphone on individuals' concentration and relationships, investigating Smartphone use, Smartphone addicts, social interactions, health problems as well as failure self-regulation. In this research, quantitative approach is used to find out the impacts of Smartphone addictions among students that influence the lacks of concentration. Moreover, this research also was carried out to find out the impacts of Smartphone addiction and to reduce the impacts or affected towards consumers among students. Malacca City as a capital in Malacca and it was more convenient for researcher to get the target respondents. Quantitative approach is an excellent ways to finalize the results and proved or disproved a hypothesis. In order to accomplish the objectives of the study, questionnaire survey have been distributed to the respondents in Malacca. There are 120 copies of questionnaire with fully answered are collected and are being analyzed using Statistical Package for the Social Sciences (SPSS).

## ABSTRAK

*Kajian yang dilakukan sekarang adalah untuk mengkaji kesan-kesan ketagihan mengguna telefon mudah alih yang mempengaruhi kepekaan seseorang dan hubungannya, mengkaji pengguna telefon mudah alih oleh pengguna, ketagihan penggunaan telefon mudah alih, interaksi sosial, masalah-masalah kesihatan dan juga kegagalan dalam pengawalseliaan sendiri. Dalam pembelajaran atau kajian ini, kaedah kuantitatif telah digunakan untuk mencari kesan sampingan terhadap ketagihan telefon mudah alih dan berusaha atau mencari penyelesaian dalam mengurangkan kesan terhadap pengguna terutama di kalangan pelajar. Bandar Melaka merupakan salah satu bandar di Melaka dan ia lebih bersesuaian untuk dijadikan tumpuan untuk melaksanakan kajian ini dalam mendapatkan responden. Kaedah kuantitatif merupakan salah satu kaeda yang sangat bagus dan berkesan untuk mencari atau mengukuhkan hipotesis kajian melalui pengambilan dan pengumpulan data. Bagi melaksanakan objektif kajian pembelajaran ini, kajian soal selidik telah diedarkan sebanyak 120 responden di Melaka. 120 kajian soal selidik bersama jawapan yang dikehendaki telah dikumpul dan dikaji dengan mengguna SPSS.*

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**LIST OF ABBREVIATIONS/SYMBOL**

UTeM	=	Universiti Teknikal Malaysia Melaka
KPM	=	Kolej Profesional Mara
SPSS	=	Statistical Package Social Science
SPM	=	Sijil Pelajaran Malaysia
STPM	=	Sijil Tinggi Pelajaran Malaysia
FB	=	Facebook
MS EXCEL	=	Microsoft Office EXCEL
IV	=	Independent Variable
DV	=	Dependent Variable
PPMC	=	Product-moment Correlation Coefficient
H	=	Hypotheses
Sig.	=	Significance
Std	=	Standard
R	=	The Correlation



R-square = The Square of the Multiple Correlation

B = Beta

N = Qualities of indicator for questionnaire

% = Percentage

Q = Question

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## **CHAPTER 1**

### **INTRODUCTION**

#### **1.0 INTRODUCTION**

This chapter covers the background of the study, which describes what the impact of Smartphone addiction among students that influences the lacks of concentration in Malacca City. Then it is followed by the problem statement which states the crucial problem that need to clear up at the end of this research. Three main research objectives of study as well as questions have been clearly discussed in this chapter. Besides that, it is further with scope of study, which defines about the range or scale of this research in clearly. On the other hand, it is continued to limitation that faced while conducting this research and also describes the significant or important of this study. Eventually it is concluded with brief summary of the overall chapter.

#### **1.1 BACKGROUND OF STUDY**

Smartphone have become a perceived necessity in personal and work lives. Not only are they used for social networking purposes, but also for features and functions like reading e-books, answering e-mails, sending short messages, and playing online games. Generally, people use Smartphone for entertainment or to relieve stress because

they can yield immediate gratification (Jin-Liang Wang, 2015). According to (Suliman S. Aljomaa, 2016), recently, there has been a great increase in the number of Smartphone users spending considerable sums of money to own the latest upgrades, versions and apps. Users have become so attached to their Smartphone that they feel they cannot function without it and their use and preoccupation with the Smartphone results in the neglect of their assignments and tasks. This irrational overuse is described as Smartphone addiction and psychologists define this as an obsession.

The focus of this research is about to examine what impact the Smartphone addiction among students that influences the lacks of concentration in Malacca City. Three main impacts have been identified as an attribute of this study which is social interactions, health problems and failure self-regulation. There are many impacts of Smartphone addiction that may contribute to the lacks of concentration but in considering the specified location facts at Malacca City, these impacts are more appropriate to this research. This is because, the others impacts also have related to the lacks of concentration. Indeed, the number of the studies investigating mobile phone addiction has increase in recent years, and previous studies mainly focused on the nature of mobile phone addition, antecedents of mobile phone addition, as well as impacts of mobile phone addiction on individuals' psychological, academic performance, leisure, behavioral, and the health issue. These studies have concluded that mobile phone addiction proves to be an extremely important research topic and are associated with various factors (Li Chen, 2015).

## **1.2 PROBLEM STATEMENT**

There are few reasons why the study should be conduct. Firstly, in the last decade, the number of studies investigating Smartphone addiction has increased, and these studies have defined Smartphone addiction using various terms. However, the majority of these studies focused on the potential influences that Smartphone addiction

has on individuals, and the relationship between Smartphone addiction and relevant psychological predictive factors, social influencing factors, mobile phone usage behavior and family environmental factors (Shao-l.Chiu, 2014). According to (Jin-Liang Wang et al, 2015), the Smartphone have become a perceived necessity in personal and work lives. Not only are they used for social networking purposes, but also for features and functions like reading e-books, answering e-mails, sending short message, and playing online games. Generally, people use Smartphone for entertainment or to relieve stress because they can yield immediate gratification.

There is multiples impact of the Smartphone addictions in general life that we need to alert and pay attention seriously is academic performance, health issue, leisure, individuals psychological and behavioral. In this study, researchers will only 3 impacts out of 5 impacts that are social interactions, health problems and failure self-regulation. All of these impacts have related each other"s towards individuals" concentration. This research aims to determine the relationships between the social interactions, health issue and failure self-regulation among consumers towards individuals" concentration in Malacca City. Based on (Salaheldin F. Bakhiet, 2016), Smartphone users have become so attached to their Smartphone that they feel they cannot function without it and their use and preoccupation with the Smartphone results in the neglects of other assignment and task. This irrational overuse is described as Smartphone addiction and psychologists defines this as an obsession. This addiction is likely to be among the most prevalent of all addictions. Smartphone addicts are expected to live in isolation.

According to (Kien Hoa Ly, 2014), a pilot study comparing a depression program via mobile phone to a programmed via computer showed that slightly more participants using the computer (64% versus 54%) endorsed the program stating that they were „very satisfied“, with the remaining participants endorsing „somewhat satisfied“. Furthermore, Smartphone over use and can cause the Smartphone addiction. Smartphone addition expected to become more side effects toward the lacks of concentration. Smartphone addiction s common with individuals feeling an urgent need to keep in touch is common with others at all times. This underscores the need to raise awareness of the negative effects of Smartphone overuse on sleep, health,

concentration and comprehension as well as provide information on the consequences of Smartphone overuse that may lead to withdrawal, depression, and destroy social relationships (Suliman S. Aljomaa, 2016). In short, this research was focused on investigating about what the impacts of Smartphone addictions among students that influences the lacks of concentration in Malacca City.

### **1.3 RESEARCH QUESTIONS:**

Research Question that related of the study is:

1. What the relationship between the social interactions and the lacks of concentration towards the Smartphone addiction among students in Malacca?
2. What the relationship between the health problems and the lacks of concentrations towards Smartphone addiction among students and in Malacca?
3. What the relationship between the failure self-regulation and the lacks of concentrations towards Smartphone addiction among students Smartphone addiction in Malacca?

### **1.4 RESEARCH OBECTIVE:**

The aim of this study is to find out the impact of the Smartphone addiction among students that influences the lacks of concentration in Melaka City based on these three main impacts; social interactions, health problems and failure self-regulation. The goal will achieve through the following research objective;

1. To determine the relationship between the social interactions and the lacks of concentration among students towards the Smartphone addiction in Malacca City.

2. To determine the relationship between the health problems and the lacks of concentration among students towards the Smartphone addiction in Malacca City.
3. To determine the relationship between the failure self-regulation and the lacks of concentrations among students towards the Smartphone addiction in Malacca City.

### **1.5 SCOPE OF STUDY**

The scope of this research was look focused on the impact of Smartphone addiction among students that influences the lacks of concentration in Malacca City. Based on the problem statement, this research was carried out in order to find out the impacts of Smartphone addiction and to reduce the impacts or affected towards consumers among students. Malacca City as a capital in Malacca and it was more convenient for researcher to get the target respondents.

In order to reach at more specific research objectives and to clarify the theoretical contribution of this research, a literature review was presented in the next chapter starting what is Smartphone, Smartphone addictions, the technology and network; the social interactions, the health problems and the failure self-regulation. It was followed by an appropriate theoretical framework with integration of those three main impacts that identified earlier together with the hypothesis testing of this study. The targeted respondents are chosen among Malacca City students to evaluate the impact of Smartphone addiction in general life. Eventually, the discussion of this research was carried out and followed by the conclusion and recommendation.