# Universiti Teknologi MARA

# M-Healthcare Application of Traditional Medicine

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**"In the name of Allah, the Most Gracious and the Most Merciful, Peace be upon the Holy Prophet, Muhammad S.A.W."**

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# ABSTRACT

Nowadays, mobile domain is growing much faster than the desktop domain. This is since people are obsessed with the concept of "portable and easy access devices", which is catered to by handheld devices. This paper is concerned on the aim to provide information and recommendation about Traditional Medicine (TM) to the Malaysia society to be practice as an alternative to modern medicine through mobile application development. One of the main problem highlight in this paper is people who are going to find this information elsewhere, but the suggestion specifically towards their illness may not be found. This information includes list of traditional medicine, the location and details of the registered practitioner and forum for recommendation and discussion between members for those who seek the treatment specifically to their ailment. The methodology approach used in this project is Mobile Application Development Life Cycle (MADLC) involving requirement planning, user design and development phase. The Result consists of user design and user interface of M-Healthcare application.

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# CHAPTER 1

# INTRODUCTION

## 1.1 Background of Study

According to Bashar Saad & Omar Said (2011), there are over 80,000 plants that have medicinal uses throughout the world and usually a specific part of the plant is used for medical preparations such as tablets, infusions, extracts, tinctures, ointments, or creams. Unlike synthetic drugs, which generally comprise of a single and often synthetic chemical, herbal-based medicines contain multiple constituents. The popularity of natural product-based therapies is rapidly increasing and global sales of herbal products top $100 billion a year. In 2008, $4.8 billion were spent in the United States and a large center for complementary and alternative medicine has been established recently at the NIH (National Institute of Health).

Medicinal plants in the world are becoming fewer as much destruction occurs continuously in their natural habitat, overharvesting of wild species, and also the environmental changes. This gives an added sense of urgency to the task of recording their identical use. The use of mobile devices can store and display this information for the people to aware that how this medicinal plant is valuable to be preserved. The mobile device have become a requirement in today's globe and mobile device such as smart phone is necessary in today's environment to assist our task daily. Mobile application initially offered for general benefit and information retrieval, such as calendar, contacts number, stock market, email, and weather information. However, public interest and the availability of developer implements drive rapid venture into other classifications, such as GPS, mobile games, banking, order-tracking, ticket purchases and recently mobile medical applications ("Mobile Apps," n.d.).