UNIVERSITI TEKNOLOGI MARA

i-MEDICINE: A MEDICINE REMINDER MOBILE APPLICATION SYSTEM

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ABSTRACT

Today, everyone has a smart phone. This offers the opportunity to better use technology so that it can be beneficial for the project. And it plays an important role in our everyday lives and allows us in many ways to keep fit. This project is therefore launching an Android application that aims to alert people via the medication notification system of their dose timings so that they can remain fit and safe. The intent of this request is to target individuals who fail to take medication on time. This allows users to set an alarm along with the date, time and medicine definition fields. After setting an alarm, the notification system will send a notification. The user is able to take or ignored the alarm medicine.

Keyword- Android, medicine, alarm ringing, reminder

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CHAPTER 1

INTRODUCTION

This chapter provides the background and rationale for the study. It also gives details of the significance of privacy over the internet, the issues and problems that led to this research.

1.1 Background of Study

People in society today are so busy with jobs that at the right time they neglect to take medication. The elders often fail to properly take their medicine. Any chronic illnesses, such as heart disease, eczema and others, may have a huge effect on those who do not take their medication at a predetermined period. These people need to think about the health consequence that they will face if the problem is not solved.

i-Medicine is actually based on reminder application system using android for elderly people or people who are busy with their daily life schedule. This application is available in the market. The application will develop based on their reminder system features, combining with the other applications. In line, the medicine reminder will be notifying user to take their medicines when alarm ringing. User will able to take medicine when the alarm ringing or able to snooze the alarm when they want to takes medicine later. The notification will appear into the screen to remind user taking their medication. When user taking their medicine, user need to remark as taking when medicine alert appears into the screen.

According to the Food and Drug Administration (FDA) in the USA, adherence to medication can be defined as taking the medication as prescribed with the correct dosage, at the right time in the right way and as often as directed. Why do these things matter? Simply put, it could lead to your condition getting worse, hospitalization, even