UNIVERSITI TEKNOLOGI MARA

FINAL YEAR PROJECT
ANDROID BASED SMART MOBILE TRACKING SYSTEM

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"In the name of Allah, the Most Gracious and Most Merciful"

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ABSTRACT

Nowadays Smartphone is one of the popular devices, phone itself being important device to every person. Smartphone is an evolution from cell phone, which can assist your activities in every day. Smartphone main features that not only allow making a phone call, but also adding in features such as send and receive e-mail, edit Office documents, note of activities and many more. This paper describes a tracking application tool, called smart mobile tracking system, which uses android operating system as a platform. Through the known geographic position, this application enables the user to track the target by getting coordinate information in the short message service that had being received in text box. By the finish of this project, it is wish to reach the following significances. For an example, can advantage to employee to trace their worker that doing outstation job, it also can be use for the emergency purpose and can be use when you lost your smart phone somewhere.

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INTRODUCTION

1.1 Background of study

Nowadays Smartphone is one of the popular devices, phones itself being important device to every person. Smartphone is an evolution from cell phone, which can assist person activities in every day. Smartphone main features that not only just to make phone calls, but also add in features such as send and receive e-mail, edit Office documents, note of activities and many more. Free functionality in Smartphone for example GPS can assist persons to locate someone more easily than ever previous to in the past. There a lot of issues and problem that being question in industrials community such as outstation employee did not performance their job or go somewhere else, chronic discipline problem worker such as skipping worker and unexcused absence. So, it is good thing to have an application that can help to solve those issues.

The advance of technology can be used to create an application to track someone and monitor movement for a good motive. The project was being created on android operating system that can detect location of someone by receive short messages service contain a coordinates. The applications that implemented with the program that auto reply short messages with information of latitude and longitude after receiving the short messages code for tracking. In this project, an application that being create with a program code that automatically grab information that contain coordinates of target person and display it in Google map.