TRACKING AND SEARCH SYSTEM DEVELOPMENT
MOBILE DEVICE BASED ON GLOBAL
POSITIONING SYSTEM (GPS) ON MOBILE
PLATFORM Google Android

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Abstract
Searching and tracking system are examples of convergence of various technologies to produce location-based service that allows information retrieval from a mobile object location. One of the phenomenal technology that supports this system is the Global Positioning System (GPS), which is able to determine the location in real-time, Android platform is a software stack for mobile devices that are produced by Google Inc.. This platform consists of key applications, a middleware specifically in-tuning for embedded devices, and special operating systems with the Linux kernel.

This final project developed a searching and tracking systems that utilize GPS as its method to retrieve positions. The goal of this final project is a mobile application to searching and tracking system base on adroid platform.

On tests that have been conducted, the results show that application performance is largely determined by the traffic using that network providers by the user, increasingly crowded of the network traffic can make decreases the performance of this application, as well as otherwise.

Keywords : Forum Online, Social Networking, Mobile,
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