ABSTRACT

Tracking application is a web-based application in the form of a geographic information system that enables users of the system to see the position of an object, either directly or in the past, which was recorded by the database by coordinates sent from a GPS device through the map provided by Google Maps API, and connected to the internet. This tracking application is reading the position of an object by using data giving by GPS, for which data is transmitted via the GPRS service from a GSM network to the database.

Tracking application that will be made have a functions in many ways, for example, to track the location of an object through a map interface, to monitor the use of vehicles that implemented GPS, because this application can check the speed of a vehicle, and others.

Keywords: Tracking application, GPS, Coordinates, Systems, Google Maps API