

OBJECT TRACKING SYSTEM WITH SMART PHONE USING GPS

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Vehicle Security has become one of the major problems for distributors in business. Many researchers and developers are concerned on designing and implementing systems based on Wireless mass media communication technology. In Sri Lanka, several distributors imminent and as soon as they terminate the business with lost. Thus, this paper propose a solution to their lost through design and implementation of an Object Tracking System (OTS) based on Global Positioning System (GPS) that aims to track the vehicle in the city and all over the world. The OTS consists of an Android Application that will be connected with a Web Application through the internet. These applications enable to get the Latitudes and Longitudes of the vehicle's location using an Android device, and then send those GEO points to the server and finally display their position on digital map (Google map) using a marker in computer.

Keywords: GPS, GEO points, Android, Eclipse, JAVE, PHP, JavaScript, AJAX, JSON, MYSQL, Android SDK, Google Map