**ABSTRACT**

**Problem definition:**

In our daily life, we find many situations where it is necessary to find the vehicle location . This project targets to develop a mobile application in order to provide vehicle location and it also used to send speed notifications to user. It uses internet and can be accessed from anywhere

**Introduction:**

The aim of this project is to detect the vehicle location and used to send notifications of the speed to user.

This project uses an android mobile application with Internet connectivity for automatically accessing the application to know the speed and location of the vehicle.

This mobile application is very useful when people are in emergency and need help, situations like accidents. This application is very useful in such cases by sending the location of that vehicle to the parent user.

This application mainly works on GPS and Internet systems. The user can also know his current location and he can send the location details to the specified user by normal text message. The URL of google maps is sent and can be opened and accessed at any time and any where.

This project uses Eclipse Juno as a software application development which is developed using Java and XML as front end and SQLite as backend.

**Modules in the project :**

1. Normal Message
2. Notification
3. Location tracking

**Normal Message:**

The details about the location and speed will be sent to the specified number by normal message.

**Notification:**

To notify messages .

**Location Tracking:**

Location will be tracked by showing longitude and latitude value.

**App mainly focuses on :**

* Tracking the vehicle location in emergency situations
* Knowing the speed of vehicle.

**Advantages of the Proposed System :**

* This application can directly track the location of vehicle using gps through mobile

**Platform Specification :**

Operating System: WINDOWS 8.

# Hardware Requirement :

* 1. PC with 500GB hard disk.
  2. 4 GB RAM

Software Requirement :

1. Eclipse IDE
2. SQLite
3. XML
4. JAVA