**Android Based College Bus Tracking Application**

**Abstract**

The system tracks vehicles on an online map through a Android Application. The system allows the user to track and check vehicle fuel entries, servicing data and even repair/ maintenance status. This system allows users to keep track of their vehicles provided on rent or lease to someone else. Also for tourist vehicle owners to keep track of multiple vehicles. The individual features of this application have been listed below

**Existing System:-**

* If there is network failure due to environment hazardous, system will fail to track location of the vehicle.

**Application:-**

* This system can be used in call taxi’s to track the location of the vehicle
* This system can be used in vehicles which carries goods by roadways.

**Proposed System:-**

* This system helps admin to keep track of the driver so that driver cannot do any type of cheating.
* This system helps admin to keep record of attendance of the driver which helps in calculating salary of the driver.

**Hardware and Software Requirements:**

* **Hardware Requirements:**
* Processor                   :       Intel Core Duo 2.0 GHz or more
* RAM                          :       1 GB or More
* Hard disk                    :       80GB or more
* Monitor                      :       15” CRT or LCD monitor
* Keyboard                   :      Normal or Multimedia
* Mouse                       :       Compatible mouse
* **Software Requirements:**
* Operating System : Windows Xp
* Web Designing : JavaScript, Css
* Server : Apache Tomcat
* Technology :Java/j2ee(Jdbc/Servlet,Jsp)
* Front End : Java
* Back End : Sqlite