

ABSTRACT

The modern world is guided by the change in technology day by day. Mostly the relevant changes in technologies are enhancing the modern business techniques. Different technologies have been developed in the world to make people's lives easier and better day by day. Android is the latest and a rapidly growing technology available for all the users or users in today's market. An enormous increase in the end user acceptance has been experienced in the past few years. The project is based on the latest GPS technology which enables the college management team a better way to keep eye on the activity of the college buses and manage schedules as well as provide real time bus location for the students using bus service. This paper proposes an Android mobile phone application that gives information about buses, bus numbers as well as bus routes/stops online. The proposed system is completely integrated online bus tracking systems using databases.

The plan is based on the latest GPS technology using Android which permits the college students to track the movement of the college buses and maintain a schedule as well as implement real-time bus locations for the users. Unique and stunning conditions on the roads affect the smooth operation of the bus system and the change of vehicles.