College Bus Tracking System

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Abstract: *The modern world is driven by technological change day by day. Especially appropriate technological changes improve modern business strategies. Various technologies have been developed in the world to make people's lives easier and better day by day. Android is the latest and fastest technology available to all users or users in today's market. A significant increase in user acceptance has been seen in the last few years. The project is based on the latest GPS technology that allows the college management team the best way to monitor college bus activity and schedule and provide real-time bus location for students using the bus service. This paper proposes an Android mobile app that provides information about buses, bus numbers and bus routes / bus-stops online. The proposed system is fully integrated with online bus tracking systems using an android app. They can also view bus details as a bus schedule and arrive at the bus on time. It is a real-time system as the current bus location is constantly updated with latitude and longitude is obtained by the user at his request with the help of Google Map API.*

Keywords: Bus Tracking, Mobile GPS, Google Maps, Android Studio

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