

IoT Based Vehicle Tracking and Monitoring System

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Abstract: On reviewing the past work of college vehicle tracking, monitoring and alerting system, there is a possibility to categorize various methodologies and identify new trends. One among them is a challenge for vehicle tracking, monitoring and alerting system. Now- a-days with the increase in the crime rate and accidents, parents worry about their wards when they are going to colleges. And many Students find themselves locked in a college vehicle in the vehicle parking lot after falling asleep on their way to college, miss the vehicle, or leave at the wrong station. This project makes use of the applicability of IOT technology for tracking and monitoring Student during their trip to and from college-on-college vehicles. And it has the advantage of efficient tracking capabilities, low cost and easy maintenance. Location of the vehicle also can be calculated and send a message to the students through GSM. The system consists of three main units, vehicle unit, student unit and college unit. The vehicle unit is used to detect when a student's enters/exits from the vehicle using IOT. The system tracks the college vehicle by the IOT.

Keywords: Global Position System, Global System for Mobile Communication, Vehicle tracking

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