Abstract

The real time bus monitoring is to been implemented for public bus (for PMTs in Pune). It includes smart assistant system required for public security and safety. The smart system includes safety from rash driving, accident detection and monitoring facility. It also include user-friendly application for user to track bus on smart their phones. The smart system designed has both online (GPS) and offline (GSM) for user friendly service. It allows user to save its time by acknowledging no. of persons present in the bus as well as no. of seats available in the bus along with the current and next stop acknowledgment with its arrival timings.

References

2. Pengfei Zhou, Student Member, IEEE, Yuanqing Zheng, Student Member, IEEE, and Mo


Index Terms

Computer Science
Circuits and Systems

Keywords

ARM processor, Accelerometer, PIR sensor, RFID unit, GPS/GSM unit.