**Title: Smart Information system based on IOT**

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**Abstract:**

The basic function of intelligent transportation system way need to be analysed to improve the level of intelligence over information of transportation system. There is an increase in the number of vehicles on the road and hence the problems associated with traffic management, especially with the Public Transport. The long wait for a bus to arrive can be avoided by Intelligent Public Transportation System. Based on the technology of radio frequency identification (RFID), global positioning system (GPS), GPRS, GIS, according to some agreements of internet of things, the intelligent transportation system connected with the internet, and carried out the intelligent recognition, location, tracking and monitoring of buses through exchanging information and communication. With the advent of mobile technology, the real-time vehicle tracking for efficient transport management has become viable. Most of the vehicle tracking systems are designed by using GPS/GSM technology. The location and time information anywhere on earth is provided by using GPS technology. The SMS technology through GSM network and GSM modem provide a user with vehicle location information. RFID technology is widely used in identification systems for people, vehicle and applications to the point if obtaining the estimated time of arrival in the land transport operation. This paper provides the explicit information about the current location of nearest buses approaching the bus-stop on a mobile application. Using readily available Android API’s, technologies like 3G network and SMS based services in the mobile phones can reduce the cost and size of hardware required, as well as lead to a better output

**Keywords:** Radio Frequency Identification (RFID), Global Positioning System (GPS), General Packet Radio Service (GPRS), GIS.