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Research on Smart Bus System using IOT Technology

Mr. Shashank B. Mahajan, Mr. Harshal N. Shirapure, Miss. Siddhi S. Arringle
Mr. Roshan D. Warade, Prof. H. R. Agashe
Department of Information Technology
Matoshri College of Engineering and Research Centre, Nashik, India

Abstract: *Smart Bus System is used for managing multiple features, but the primary feature is generated automated fee receipt according to its distance, show live location of the bus. They are analysed for planning the bus schedules and analysing the frequency of buses needed on a route. Our system mainly divided into three aspects 1) Student Login-Show all information about student i.e., student distance, fees according to distance, Payment history.2) Driver-Drive has access of student data, where they can see the location of every student3)Admin-Store driver and student information in admit and they are able to manage data according to their status .Thus, smart bus is an efficient, convenient and highly reliable system which is used to reduce corruption, misused of fee receipt smart bus system has strategic planning and management, which will eventually make student journey peaceful, saving paper through digitalization and save the effort and time for planning*

Keywords: INTERNET OF THINGS, SENSER, STUDENT TRANSPORT, GPS, ANDROID

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