

Bus Pass Management System

Netaji Sai Prasad Meka, S Gokul Krishna, Teja Malleshwar, Hameed A, Prof. Ashwath Narayana

Department of Electronics and Communication Engineering

Ballari Institute of Technology And Management, Allipura, Ballar, Karnataka, India

Abstract: *The main objective of our project is to secure the use of bus pass in public transportation using RFID authentication. In olden days, conductor will be available in every public transportation and used to collect money for ticket and provide them printed tickets. This case is even followed in many developed cities too, in order to overcome the labour and securing ticketing system we had proposed “Bus Pass Management System Using RFID Card”. In this model we will be placing RFID reader in public transportation while peoples get in and out of our system. With the help of this system, we will be capturing the RFID Card details and verify the validity of it by connecting the cloud server via GPRS System. If the RFID card is the valid one the person is allowed to get into the public transportation or else, they have to login to the ticketing portal and by the pass instantly. Admin will notify the incoming request and approve it after payment successful and if it is an old user their RFID card will be activated immediately or new user, they must get the RFID card from the depot*

Keywords: RFID card