Abstract

The biggest challenge in the current ticketing system is ‘QUEUE’. In this growing world we have to stand in the queue for purchasing tickets. Tickets can vary i.e., movie tickets, bus tickets, railway tickets, etc. The technology is growing quickly, therefore this should be modified. This paper "An Intelligent Ticket Checker Application for Train Using QR Code" is mainly used to buy suburban tickets which is most challenging when compared to
book the long journey tickets with the existing system. With our system ticket can be booked with just a smart phone application and ticket information is stored in the form of QR code. We will be using time based technique for automatically deleting of the ticket after a specific interval of time once user reaches the destination. The information of every user is stored in a CLOUD database for security purpose which is unavailable within the current suburban railway system database for checking purpose. Also ticket checker are going to be given QR code scanner, with that he will get the complete details of the passenger. This application will be very helpful for “Metros” which are now currently going to be established within the cities like Pune. For the generation of QR code we will make use of the transition id. When this transition id will be scanned by the checker from the user phone a request is send to server to retrieve the data to the checker phone. In this way the ticket will be checked by the checker.

References

Index Terms
Computer Science
Artificial Intelligence
**Keywords**

Android  Quick Response Code  Ticket Deletion  Ticket Number  Ticket Validation.