Abstract

The Purpose of this project is to generate the railway tickets and authenticate them to valid entity. The railway ticket will contain QR codes that are unique among themselves. Those QR code are useful to validate the identity. The system will contain a database that will keep a track of all transactions. Such flexibility is useful to improve the security and maintenance of the organization. Indian Railway is world’s largest human transport System, is currently
dealing with a lot of problems. However there is no such system presently in India that is improving the complexity of platforms and railway stations. This is done even today manually. QR code is a quick response graphic which include matrix barcode that was designed by Denso Wave in Japan. Through this research we are making a system which focus on using. QR Code that will be very effective in making the stations more secure with much less need of human labour. Passengers with the ticket will show the ticket at the entry point and the gates will open automatically with an update entry in the database and at the time of exit same process is going to be followed.

References

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Index Terms

  Computer Science
  Security
Keywords
Qurcode  Pnr (passenger Name Record)  Seat No  Train No  Aadhar Card
Encryption
Decryption
Ticket No
Rss (railway Security System)