SMART SOLUTION FOR RAILWAYS

ABSTARCT

Even with the greatest ideas to overcome solutions for railway ticket generating this is a time consuming process for checking the tickets generated. Even much resources available fraudulent may not be rectified. This project provides the solutions generating the QR code for tickets and verified easily. In this project IOT device is connected and a python random code is generated and cloud services include (IBM Watson Platform, Node Red, WEB UI, Cloudant DB which stores the database of the applied tickets).All booking details of customer is stored in the cloud database with an unique ID and they can be retrieved back when the ticket collector scans the QR code. Finally, architecture connects with User and Fast2SMS application to send messages to user. A GPS module is present in the train to track it. The live status of the train is updated in web app continuously.

PROBLEM STATEMENT

Creating an application for developing app for GPS tracking and ticket booking. In this mode of application we have planned to accommodate with IBM Watson platform, node red, WEB UI, cloudant DB these are the platform used for storing the database. Finalizing with QR code for making it more easier.