

# SMART SOLUTION FOR RAILWAYS

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## **ABSTRACT:**

A Web page is designed for the public where they can book tickets by seeing the available seats. After booking the train, the person will get a QR code which has to be shown to the Ticket Collector while boarding the train. The ticket collectors can scan the QR code to identify the personal details. A GPS module is present in the train to track it. The live status of the journey is updated in the Web app continuously. All the booking details of the customers will be stored in the database with a unique ID and they can be retrieved back when the Ticket Collector scans the QR Code.

## **TECHNICAL STACK:**

- PYTHON
- IBM Cloud
- Node-Red
- IBM IoT Platform
- MIT App Inventor
- IBM cloud DB
- GPRS

