

Smart Solution for Railways

Functional Requirements

- The system must allow the users to sign up to the website using their E-mail ID and Mobile Number.
- The system must enable the users to search for the available trains with the expected time of arrival and travel for a given source and destination.
- The system must allow the users to book Railway tickets for the seats they prefer.
- The system must provide the payment gateway, using which the users can pay the price of the tickets that they booked.
- The system must generate a unique QR code for each booked ticket and store it in the database so that it can be verified by the Train Ticket Examiner.
- The system must track the location of the trains in real time and make it accessible to the users.
- The system must send push notification to the passengers in case there is a delay in the arrival of the train.
- The system must show the probability that a ticket will be confirmed from the waiting list.