PROJECT OBJECTIVES:

- The SMART SOLUTION FOR RAILWAY is mainly for easy booking of train .

- QR code will be generated after the confirmation of the tickets.

- Connecting and exchanging the sensor data.

- We make use of IBM cloudant.

- When we can scan the QR code the details of the train travel will be displayed.

- We add some additional features in it.

- 1) WAKE UP CALL

- 2)E-CATERING

- Storing the data in the Cloudant DB.

WEB APPLICATION:

- Using the node red we can create our website.

- Once the details are created it gets stored in the database.

- Once the user clicks the submit button,the QR code is generated and the unique Id is generated along with the details with the unique id is stored in the Cloudant DB.

- In python code, a ticket collector can scan the QR code and the unique is checked along with the id the passenger provided to check the details of the user.

- Also the live location of the train is tracked by using GPS tracker.