

PROJECT DEVELOPMENT PHASE

SPRINT 4

Date	19th November 2022
Team ID	PNT2022TMID12354
Project Name	Smart Solutions For Railways
Maximum Marks	8 Marks

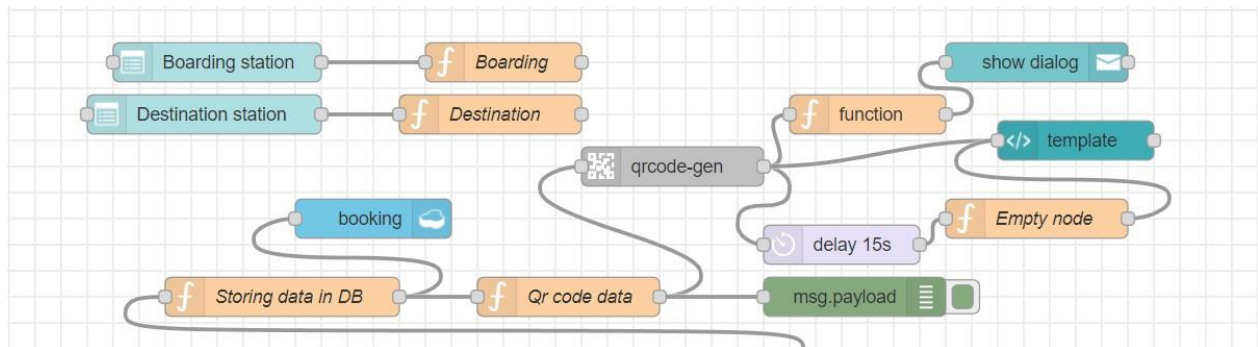
PROCEDURE:

Step 1: Develop node red web application for train ticket booking.

Step 2: User details are fetched.

Step 3: Database is created.

NODE RED FLOW CONNECTION:



NODE RED FUNCTION FOR STORING DATA IN DATABASE:

```
var m = global.get('m')
var d = new Date()
var utc = d.getTime() + (d.getTimezoneoffset() * 60000);
var offset = 5.5;
newDate = new Date(utc + (3600000*offset));
var n = newDate.toISOString()
var date = n.slice(0,10)
var time = n.slice(11,19)
```

```
var d1 = date + ',' + timemsg.payload = {  
  "_id" : d1,  
  "Name" : m.name,  
  "Age" : m.age,  
  "Mobile" : global.get('b'), "Destination" : global.get('d'), "Seat" : global.get('s')  
}  
return msg;
```

HOME PAGE OF WEB APPLICATION:

ibmtrain

Latitude

Longitude

Boarding station Select option ▼

Destination Select option ▼

Train Name

Seat Select option ▼

Form

Name *

Age *

Mobile number *

SUBMIT CANCEL

PASSENGER DETAILS COLLECTION:

Latitude
17.6340889

Longitude
78.4745052

Boarding station
Hyderabad

Destination
Vijayawada

Train Name
Chennai

Seat
Bangalore

Form

Name *

Age *

Mobile number *

SUBMIT

CANCEL

CLEAR

Latitude
17.6340889

Longitude
78.4745052

Boarding station
Hyderabad

Destination
Vijayawada

Train Name
Chennai

Seat
Bangalore

Form

Name *

Age *

Mobile number *

SUBMIT

CANCEL

CLEAR

Latitude
17.6340889

Longitude
78.4745052

Boarding station
Vijayawada

Destination
Chennai

Train Name
Train1

Seat
1

Form

Name *

Age *

Mobile number *

SUBMIT

CANCEL

CLEAR

ibmtrain

Latitude
17.6340889

Longitude
78.4745052

Boarding station
Vijayawada

Destination
Chennai

Train Name
Train1

Seat
1

Form

Name
ABISHEAK S

Age
21

Mobile number
6385431795

SUBMIT

CANCEL