

Project Development Phase Sprint-1

TEAM ID	PNT2022TMID10319
PROJECT	SMART SOLUTIONS FOR RAILWAYS

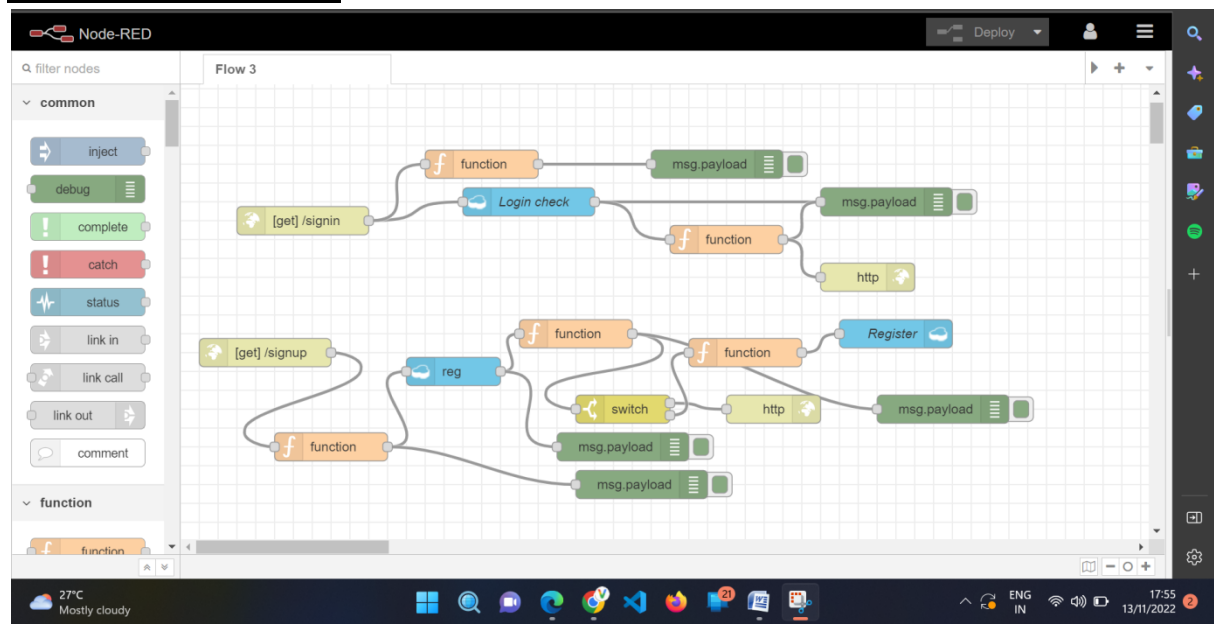
DATABASE BEFORE TEST:

The screenshot displays the IBM Cloudant dashboard for a database named 'reg'. The interface includes a left sidebar with navigation options: All Documents, Query, Permissions, Changes, and Design Documents. The main area shows a table view of documents with columns: Aadhar number, Age, Email, First name, and Last name. A single document is visible with the following data:

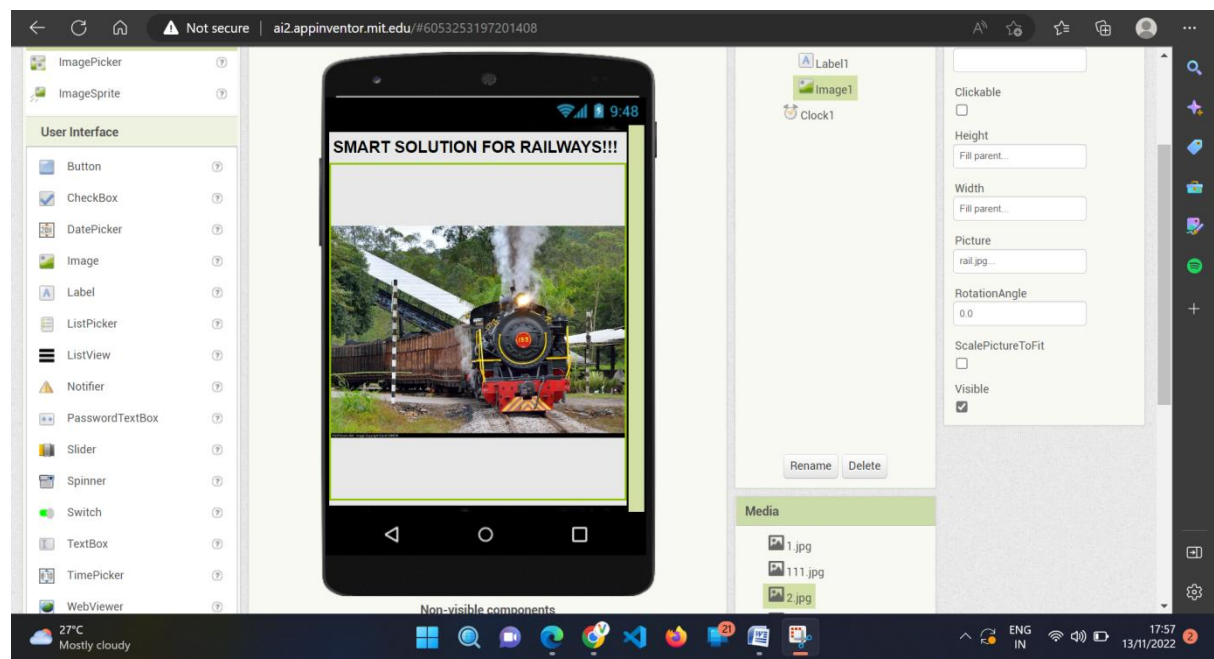
Aadhar number	Age	Email	First name	Last name
482894894653	12	cvarsha2002@g...	Varsha	C

The bottom of the dashboard shows a status bar with the temperature (27°C), weather (Mostly cloudy), and system time (18:12 on 13/11/2022).

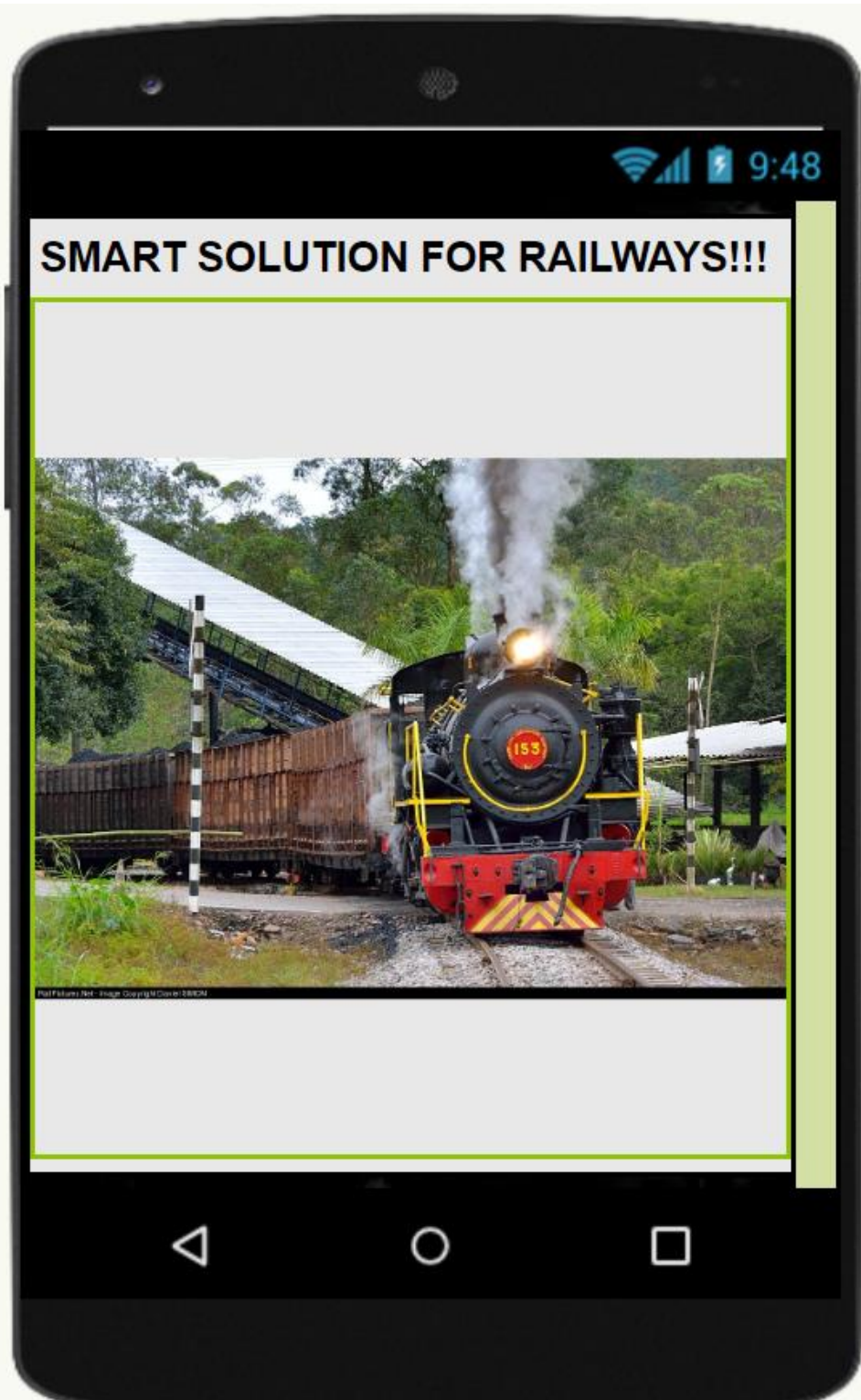
NODES IN NODE RED:



MIT APP INVENTOR:



SCREEN 1:



SCREEN 2:

4G+ 6:19 93%

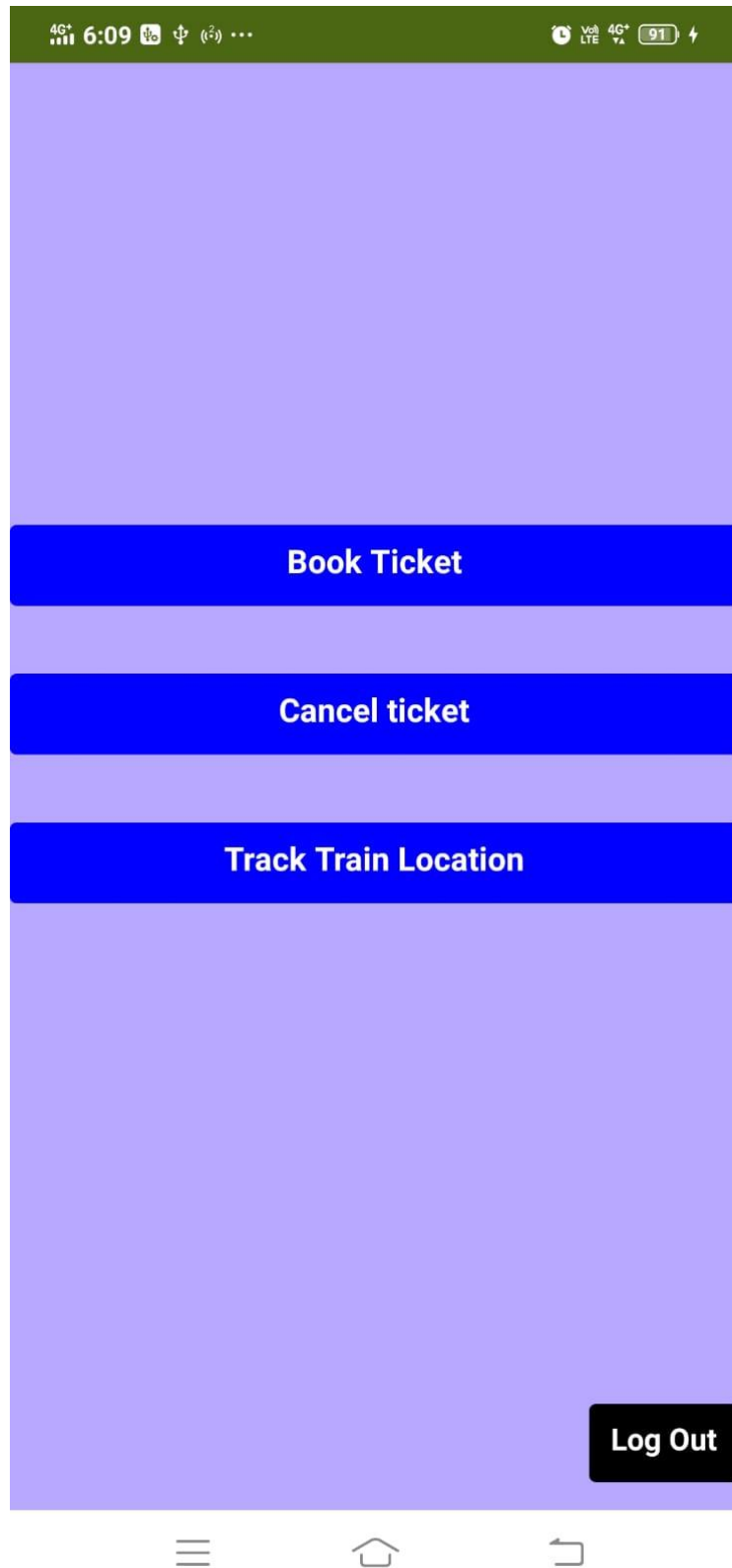
EmailId

Password

Login

New User?? Sign Up

SCREEN 3:



SCREEN 4:

The image shows a mobile application screen for signing up. The status bar at the top is dark green and displays '4G+', '6:10', signal strength, and battery level at 92%. The main area has a solid purple background. It contains six white text input fields arranged vertically, each preceded by a label in bold black text: 'First Name', 'Last Name', 'Phone Number', 'Aadhar Number', 'E-Mail Id', and 'Password'. At the bottom center, there is a black rectangular button with the text 'Sign Up' in white. Below the main content area is a white navigation bar with three icons: a hamburger menu, a home icon, and a back arrow.

4G+ 6:10 92%

First Name

Last Name

Phone Number

Aadhar Number

E-Mail Id

Password

Sign Up

TEST CASES

Test Case 1: Registration page

Document ID

Options JSON

Create Document

	First Name	Last Name	_id	E-Mail Id	Password
<input type="checkbox"/>	varsha	c	31f6155ad5802...	cvarsha2002@g...	gdhdnurdjd
<input type="checkbox"/>			c390fd86988aef...		

Showing 5 of 13 columns. ☐ Show all columns. Documents per page: 20

Database after Registration:

Document ID

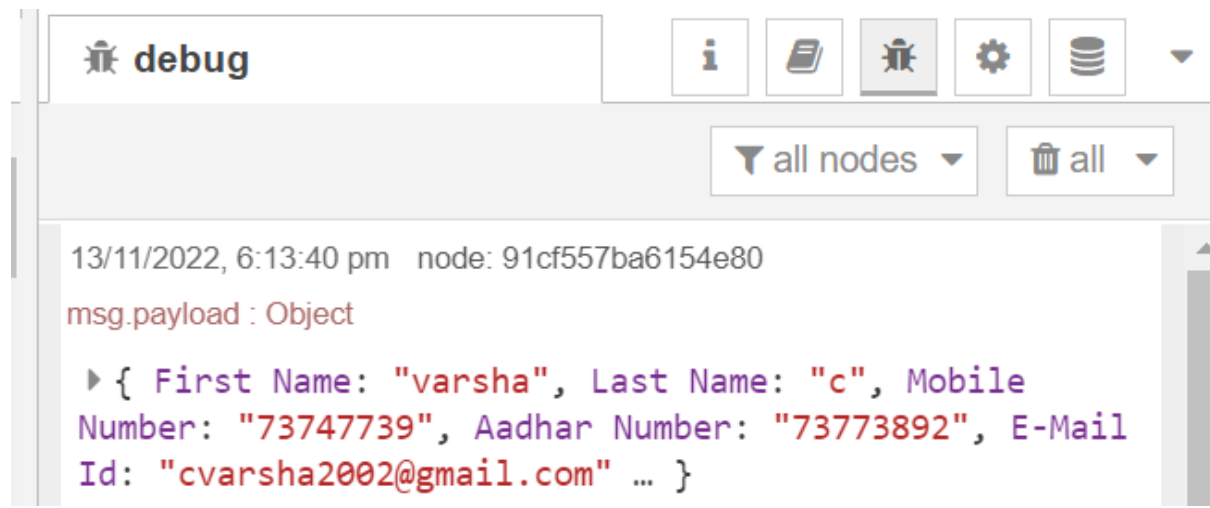
Options JSON

Create Document

	_id	Password	E-Mail Id	Aadhar Number	Last Name
<input type="checkbox"/>	2e0fcd70b58d0...	hddjdgdx	cvarsha2002@g...	63748383	c
<input type="checkbox"/>	31f6155ad5802...	gdhdnurdjd	cvarsha2002@g...	73773892	c
<input type="checkbox"/>	c390fd86988aef...				

Showing 5 of 14 columns. ☐ Show all columns. Documents per page: 20

Node red Output during Registration:



The screenshot shows the Node-RED interface with the 'debug' tab selected. The console displays the following output:

```
13/11/2022, 6:13:40 pm node: 91cf557ba6154e80
msg.payload : Object
  { First Name: "varsha", Last Name: "c", Mobile
    Number: "73747739", Aadhar Number: "73773892", E-Mail
    Id: "cvarsha2002@gmail.com" ... }
```

Test Case 2: Log in with correct details

```
13/11/2022, 6:20:43 pm node: d057d04e2424e4e1
msg.payload : Object
  { E-Mail Id: "cvarsha2002@gmail.com", Password:
    "hddjdgdhx" }
```

```
13/11/2022, 6:20:44 pm node: 34788d1d77dec690
msg.payload : array[5]
  [ object, object, object, object, object ]
```

```
13/11/2022, 6:20:45 pm node: 34788d1d77dec690
msg.payload : number
1
```


EmailId

cvarsha2002@gmail.c

Password

.....

Login

Login Successfull

New User??

Sign Up



Test Case 3: Log in with invalid details

The screenshot shows a mobile application interface with a purple background. At the top, there is a status bar with 4G+ signal, time 6:20, and battery level 93%. The main content area contains two input fields: 'EmailId' with the value 'cvarsha2002@gmail.c' and 'Password' with masked characters '.....'. Below these fields is a blue 'Login' button. A grey error message box displays 'Invalid Credentials!! Try again'. At the bottom, there is a red link 'New User??' and a dark grey 'Sign Up' button. The Android navigation bar is visible at the very bottom.

4G+ 6:20 4G+ 93%

EmailId cvarsha2002@gmail.c

Password

Login

Invalid Credentials!! Try again

New User?? Sign Up

13/11/2022, 6:20:24 pm node: d057d04e2424e4e1

msg.payload : Object

▶ { E-Mail Id: "varsha2002@gmail.com", Password: "cjhvj" }

13/11/2022, 6:20:25 pm node: 34788d1d77dec690

msg.payload : array[5]

▶ [object, object, object, object, object]

13/11/2022, 6:20:26 pm node: 34788d1d77dec690

msg.payload : number

0
