

SPRINT-2

Date	12 NOVEMBER 2022
Team ID	PNT2022TMID42281
Project Name	Project – SMART SOLUTIONS FOR RAILWAYS

PROCEDURE:

Step1: Develop node red web application for train ticket booking

Step2: Copy the node red link and add /ui to the same link and browse it

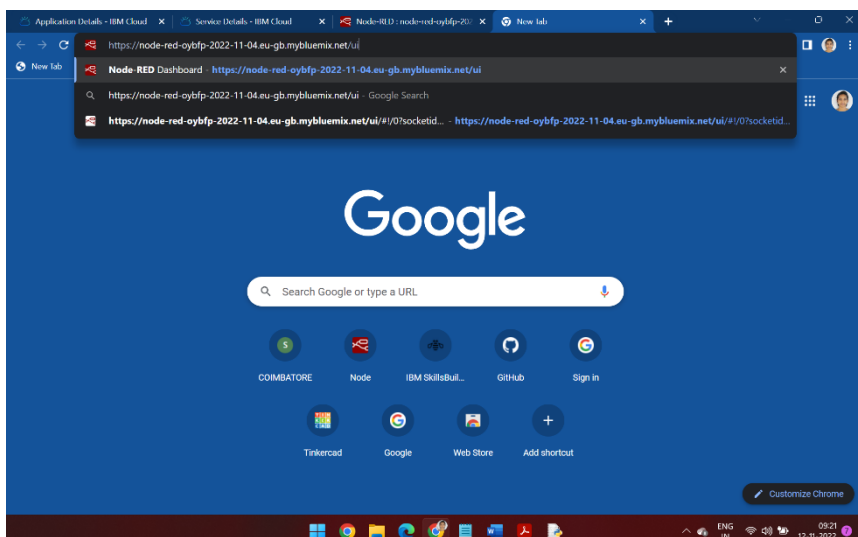
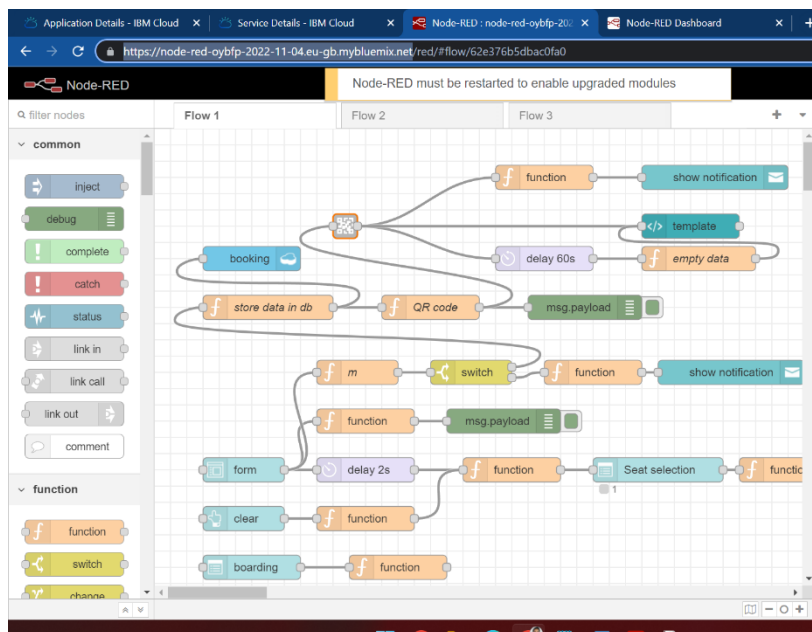
Step3: Fill the details

Step4: Click on submit

Step5: QR code will be submitted

Step5: Ticket is generated

NODE RED FLOW:



NODE RED WEB APPLICATION:

Service Details - IBM Clou x Cloudant Dashboard - da x Service Details - IBM Clou x Node-RED : node-red-oy x Node-RED Dashboard x +

node-red-oybfp-2022-11-04.eu-gb.mybluemix.net/ui/#/I/0?socketid=IVPAAaixjP0PDuiAACq

QR code gen

Default

Seat selection 2

boarding Chennai

Destination Coimbatore

Name *
Monish

Age *
21

Mobile *
9876543219

SUBMIT CANCEL

09:37 12-11-2022

CLICK SUBMIT

Service Details - IBM Clou x Cloudant Dashboard - da x Service Details - IBM Clou x Node-RED : node-red-oy x Node-RED Dashboard x +

node-red-oybfp-2022-11-04.eu-gb.mybluemix.net/ui/#/I/0?socketid=IVPAAaixjP0PDuiAACq

Ticket is Generated


Destination Coimbatore

Name *

Age *

Mobile *

SUBMIT CANCEL



CLEAR

09:38 12-11-2022

NODE RED OUTPUT

The screenshot shows the Node-RED web interface. The top bar indicates a message: "Node-RED must be restarted to enable upgraded modules". The main workspace displays a flow diagram with several nodes: "inject", "debug", "complete", "catch", "status", "link in", "link call", "link out", "comment", "function", "switch", and "change". The flow starts with an "inject" node, followed by a "function" node, then a "show notification" node. It then branches into two paths: one through a "delay 60s" node and another through a "template" node. Both paths converge at a "function" node, which then leads to a "msg.payload" node. The flow continues through a "form" node, a "delay 2s" node, and another "function" node, eventually leading to a "Seat selection" node. The debug console on the right shows two messages. The first message is an object with the following properties:

```
{  "_id": "2022-11-12,09:37:59",  "_rev": "1-22c1cae7d10def57fbc0f129a041fe9",  "Name": "Monish",  "Age": 21,  "Mobile": 9876543219,  "boarding": "Chennai",  "destination": "Coimbatore",  "Seat": 2}
```

CLOUDANT DASHBOARD DETAILS:

Step1-Storage of details entered in cloudant dashboard

The screenshot shows the Cloudant Dashboard interface. The top bar displays the URL: 82d87499-4395-4f46-a190-6a186bee5051-blumix.cloudant.com/dashboard.html#database/booking/2022-11-12%2C09%3A37%3A59. The main area shows a document titled "booking" with a timestamp of "2022-11-12,09:37:59". The document content is a JSON object:

```
{  "_id": "2022-11-12,09:37:59",  "_rev": "1-22c1cae7d10def57fbc0f129a041fe9",  "Name": "Monish",  "Age": 21,  "Mobile": 9876543219,  "boarding": "Chennai",  "destination": "Coimbatore",  "Seat": 2}
```

DETAILS STORED IN CLOUDANT:

Service Details - IBM Clou

Cloudant Dashboard

Service Details - IBM Clou

Node-RED : node-red-oy

Node-RED Dashboard

+

82d87499-4395-4f46-a190-6a186bee5051-bluemix.cloudant.com/dashboard.html#database/booking/_all_docs

booking

Document ID

Options

{ } JSON

All Documents

Query

Permissions

Changes

Design Documents

Log Out

Table

Metadata

{ } JSON

Create Document

	id	key	value
<input type="checkbox"/>	2022-11-11,22:47:18	2022-11-11,22:47:18	{ "rev": "1-3b9d98576f8ef75fc76...
<input type="checkbox"/>	2022-11-11,22:49:04	2022-11-11,22:49:04	{ "rev": "1-af8f5d8ee20f7d54094...
<input type="checkbox"/>	2022-11-11,22:50:49	2022-11-11,22:50:49	{ "rev": "1-4983179ecf504927df...
<input type="checkbox"/>	2022-11-11,22:51:57	2022-11-11,22:51:57	{ "rev": "1-c272c4e13cdf88f5f1f...
<input type="checkbox"/>	2022-11-11,22:57:50	2022-11-11,22:57:50	{ "rev": "1-88a0a7a2b9f453b156...
<input type="checkbox"/>	2022-11-12,09:13:01	2022-11-12,09:13:01	{ "rev": "1-6cb97abf9f9fd2058b...
<input type="checkbox"/>	2022-11-12,09:17:19	2022-11-12,09:17:19	{ "rev": "1-acaebf30721683e748...
<input type="checkbox"/>	2022-11-12,09:22:22	2022-11-12,09:22:22	{ "rev": "1-7e6a94beaa173d7b9e...
<input type="checkbox"/>	2022-11-12,09:37:59	2022-11-12,09:37:59	{ "rev": "1-22c1cae7d10def57fbc...

Showing document 1 - 9. Documents per page: 20

ENG IN 09:55 12-11-2022