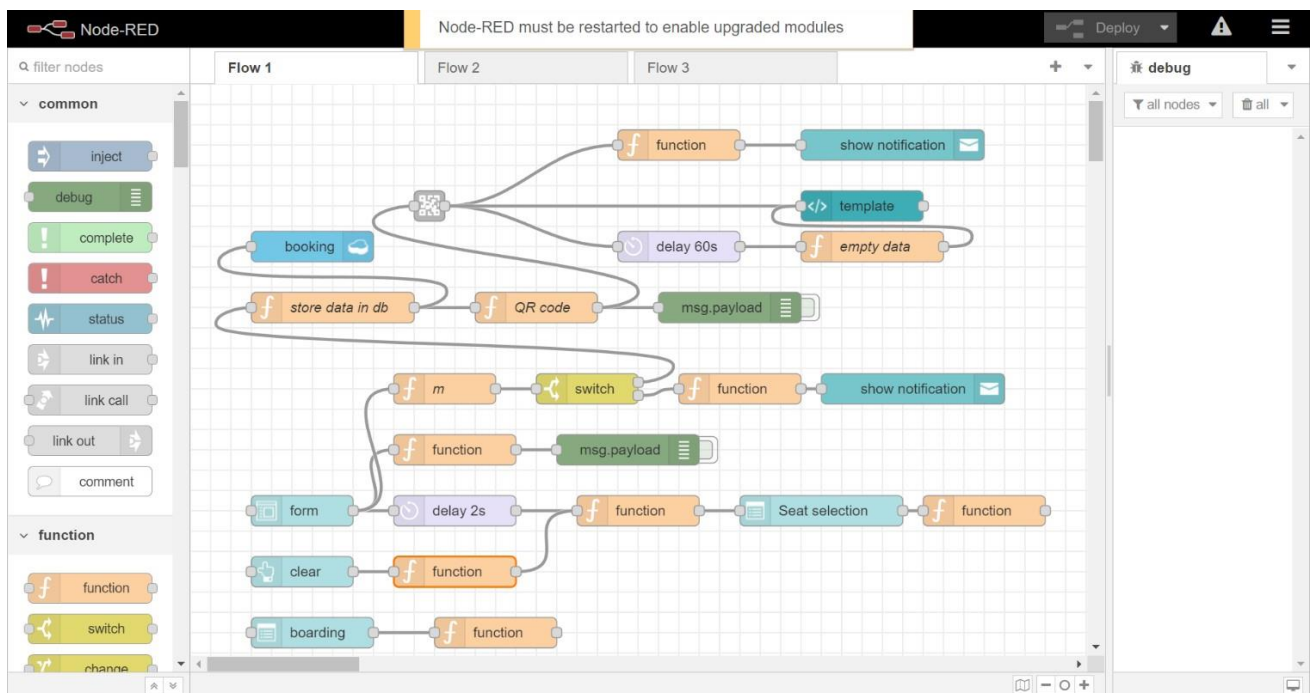


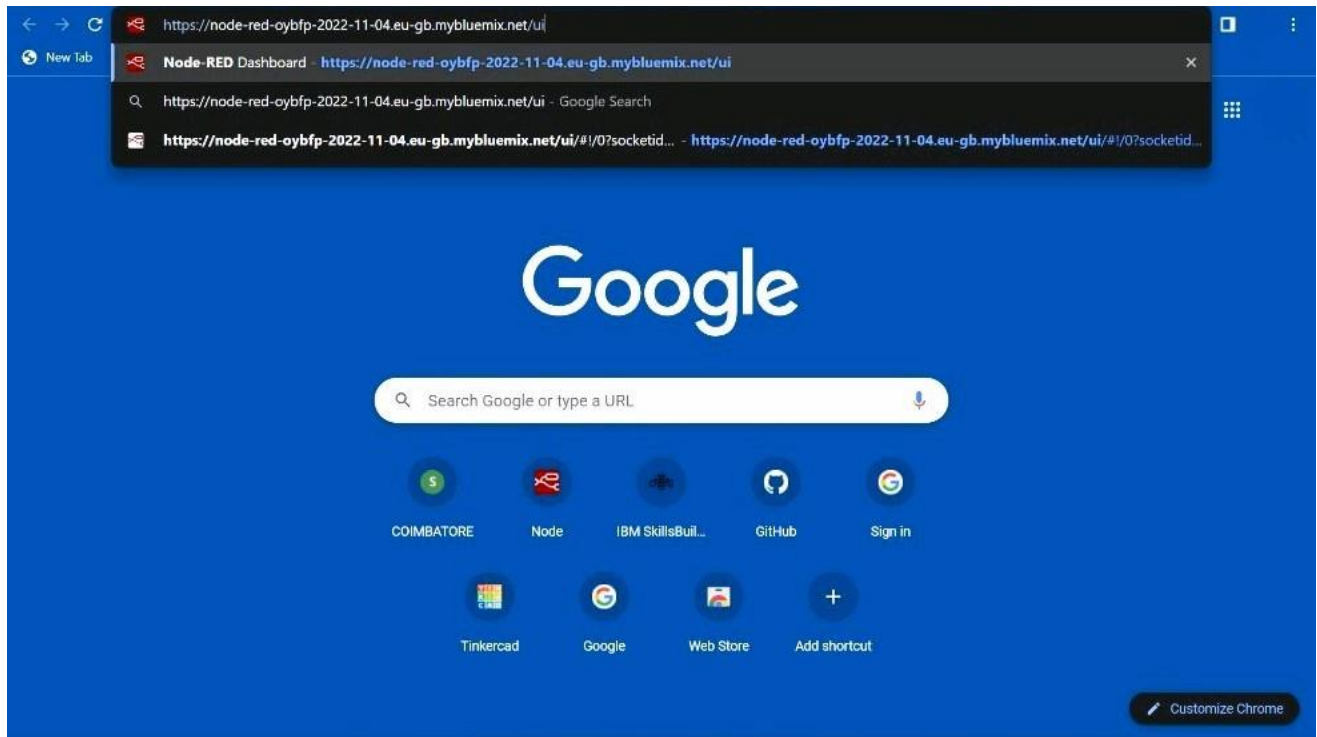
# SPRINT – 2

## PROCEDURE:

- Step 1:** Develop node red web application for train ticket booking.
- Step 2:** Copy the node red link & add to the same link and browse it.
- Step 3:** Fill the details.
- Step 4:** QR code will be submitted.
- Step 5:** 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/#/0?socketid=IVPAAaixjP0PDuiAACq

QR code gen

Default

Seat selection 2

boarding Chennai

Destination Coimbatore

Name \*  
Monish

Age \*  
21

Mobile \*  
9876543219

SUBMIT CANCEL

## ON CLICKING 'SUBMIT':

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

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

Ticket is Generated


Destination Coimbatore

Name \*

Age \*

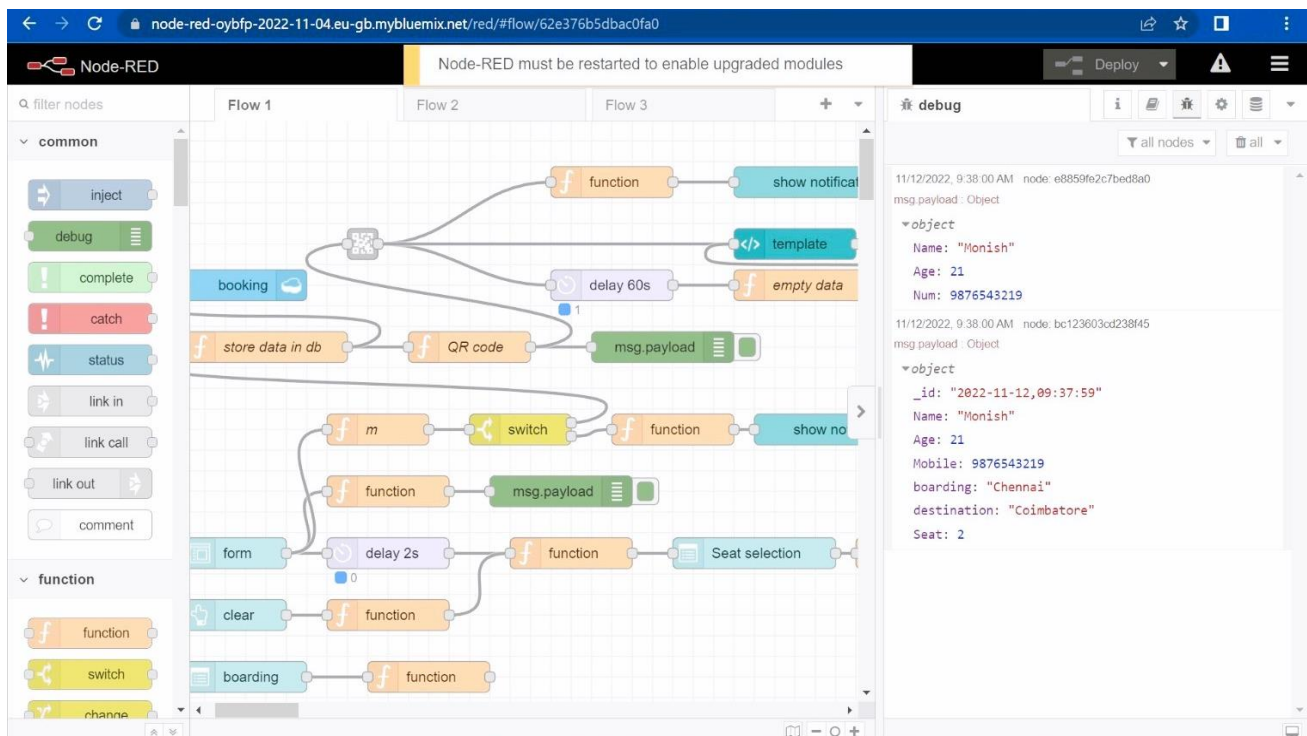
Mobile \*

SUBMIT CANCEL



CLEAR

## NODE RED OUTPUT:



## CLOUDANT DASHBOARD DETAILS:

The screenshot shows the Cloudant dashboard interface. The browser address bar displays the URL: `82d87499-4395-4f46-a190-6a186bee5051-bluemix.cloudant.com/dashboard.html#database/booking/2022-11-12%2C09%3A37%3A59`. The page title is "booking" followed by the timestamp "2022-11-12,09:37:59". The interface includes a sidebar with navigation icons and a main content area with a document editor. The document content is a JSON object representing a booking record:

```
1 {
2   "_id": "2022-11-12,09:37:59",
3   "_rev": "1-22c1cae7d10def57fbc0ef129a041fe9",
4   "Name": "Monish",
5   "Age": 21,
6   "Mobile": 9876543219,
7   "boarding": "Chennai",
8   "destination": "Coimbatore",
9   "Seat": 2
10 }
```

At the top of the editor, there are buttons for "Save Changes", "Cancel", "Upload Attachment", "Clone Document", and "Delete". The "Save Changes" button is highlighted. The sidebar on the left contains icons for database management, document management, and user management, along with a "Log Out" button at the bottom.

This step involves storage of details entered in cloud dashboard.

## DETAILS STORED IN CLOUD STORAGE:

The screenshot shows the Cloudant dashboard interface for a database named "booking". The browser address bar displays the URL: `82d87499-4395-4f46-a190-6a186bee5051-bluemix.cloudant.com/dashboard.html#database/booking/_all_docs`. The page title is "booking". The interface includes a sidebar with navigation icons and a main content area with a document list. The document list is displayed in a table view with columns for "id", "key", and "value". The table contains 9 documents, each with a unique ID and key, and a value representing a booking record. The "id" and "key" columns are truncated in the image. The "value" column shows the JSON structure of the booking records, including fields like "\_rev", "Name", "Age", "Mobile", "boarding", "destination", and "Seat".

id	key	value
2022-11-11,22:47:18	2022-11-11,22:47:18	{ "rev": "1-3b9d98576f8ef75fc76...",
2022-11-11,22:49:04	2022-11-11,22:49:04	{ "rev": "1-af8f5d8ee20f7d54094...",
2022-11-11,22:50:49	2022-11-11,22:50:49	{ "rev": "1-4983179ecf504927df...",
2022-11-11,22:51:57	2022-11-11,22:51:57	{ "rev": "1-c272c4e13cdf88f5f1f...",
2022-11-11,22:57:50	2022-11-11,22:57:50	{ "rev": "1-88a0a7a2b9f453b156...",
2022-11-12,09:13:01	2022-11-12,09:13:01	{ "rev": "1-6cb97abf9f99fd2058b...",
2022-11-12,09:17:19	2022-11-12,09:17:19	{ "rev": "1-acaebf30721683e748...",
2022-11-12,09:22:22	2022-11-12,09:22:22	{ "rev": "1-7e6a94beaa173d7b9e...",
2022-11-12,09:37:59	2022-11-12,09:37:59	{ "rev": "1-22c1cae7d10def57fbc...",

At the top of the document list, there are buttons for "Table", "Metadata", and "JSON". The "Metadata" button is highlighted. There is also a "Create Document" button. The sidebar on the left contains icons for database management, document management, and user management, along with a "Log Out" button at the bottom. The bottom of the page shows the status "Showing document 1 - 9. Documents per page: 20".

**Topic:**

**Smart Solution for Railways**

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**PNT2022TMID01176**

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