

Topic:

Smart Solution for Railways

Team ID:

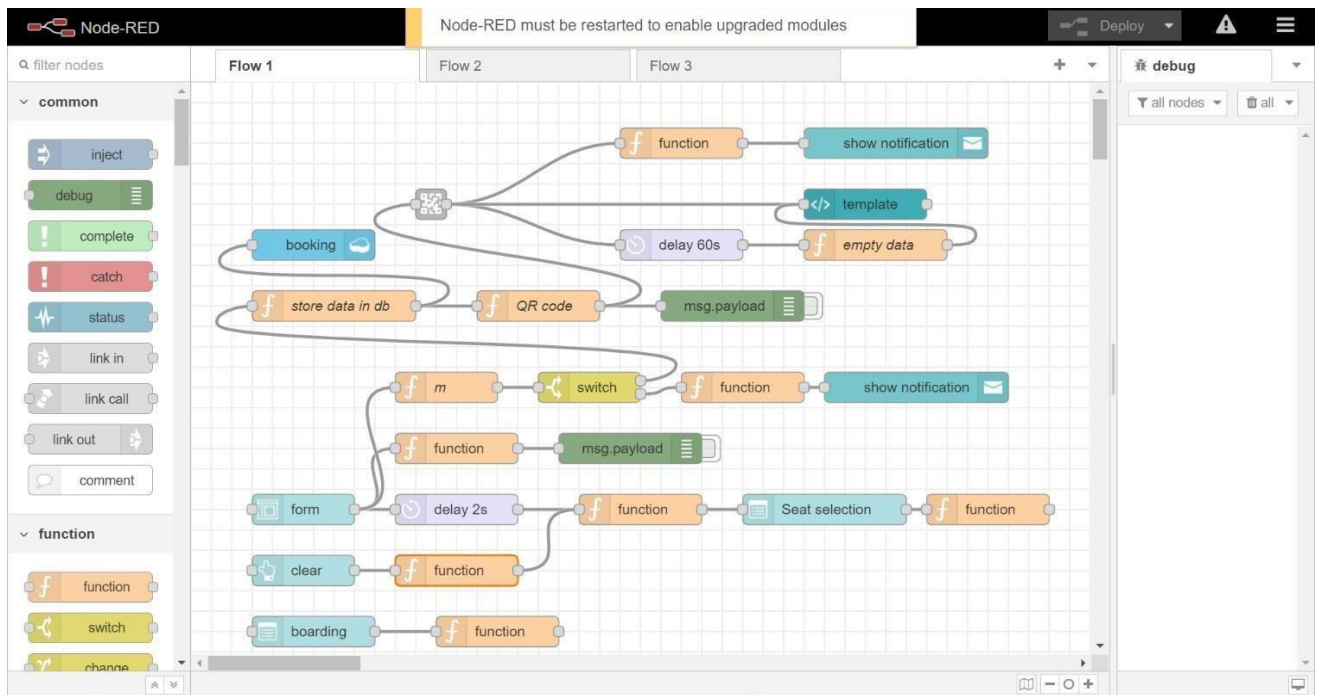
PNT2022TMID51678

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:

The screenshot shows the Node-RED web application interface. The browser address bar displays the URL: `node-red-oybfp-2022-11-04.eu-gb.mybluemix.net/ui/#/0?socketid=IVPAAaioxjP0PDuiAACq`. The page title is "QR code gen".

The form contains the following fields and controls:

- Default** (Section Header)
- Seat selection**: A dropdown menu with the value `2`.
- boarding**: A dropdown menu with the value `Chennai`.
- Destination**: A dropdown menu with the value `Coimbatore`.
- Name**: A text input field with the value `Monish`.
- Age**: A text input field with the value `21`.
- Mobile**: A text input field with the value `9876543219`.
- SUBMIT** and **CANCEL** buttons.

ON CLICKING 'SUBMIT':

Ticket is Generated


Destination Coimbatore

Name *

Age *

Mobile *

SUBMIT
CANCEL



CLEAR

NODE RED OUTPUT:

node-red-oybfp-2022-11-04.eu-gb.mybluemix.net/red/#flow/62e376b5dbac0fa0

Node-RED
Node-RED must be restarted to enable upgraded modules
Deploy

filter nodes

common
function

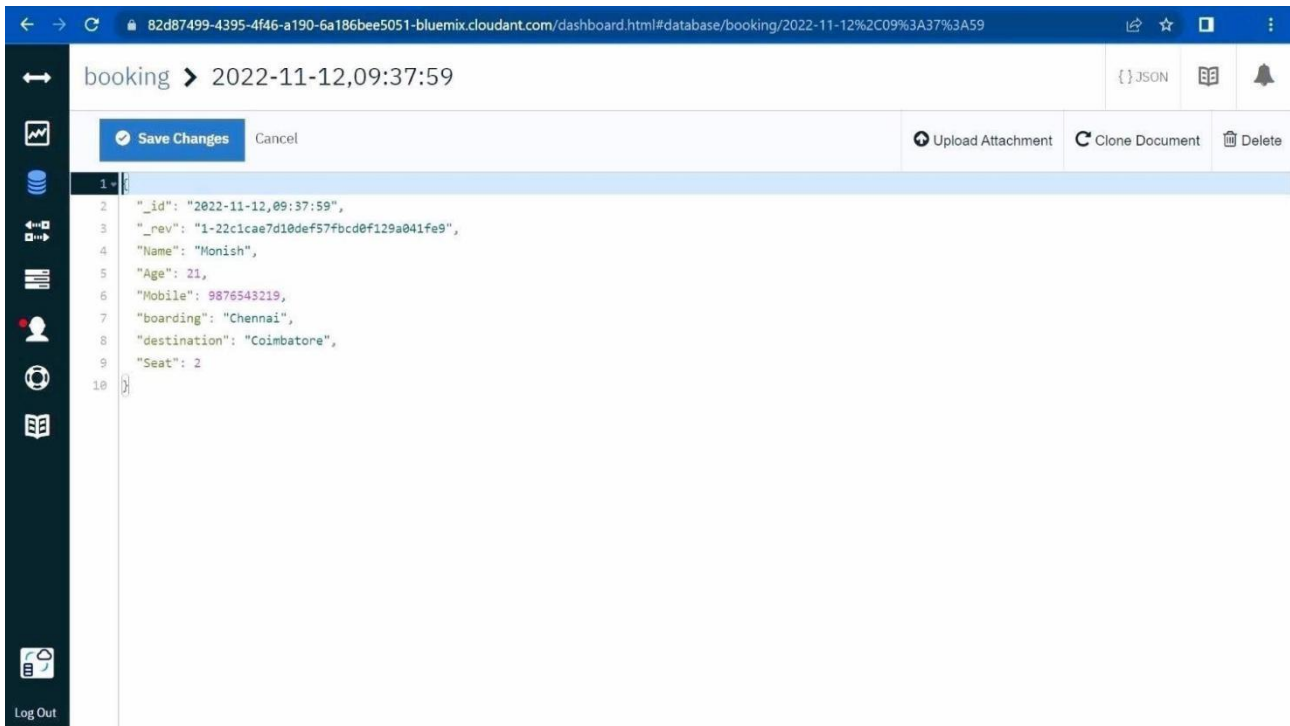
Flow 1
Flow 2
Flow 3

booking
store data in db
QR code
function
show notification
template
delay 60s
empty data
msg.payload
m
switch
function
show no
function
msg.payload
Seal selection
form
delay 2s
function
Seal selection
clear
function
boarding
function

debug

11/12/2022, 9:38:00 AM node: e8859fe2c7bed8a0
msg.payload: Object
object
Name: "Monish"
Age: 21
Num: 9876543219
11/12/2022, 9:38:00 AM node: bc123603cd238f45
msg.payload: Object
object
_id: "2022-11-12,09:37:59"
Name: "Monish"
Age: 21
Mobile: 9876543219
boarding: "Chennai"
destination: "Coimbatore"
Seat: 2

CLOUDANT DASHBOARD DETAILS:



This step involves storage of details entered in cloud dashboard.

DETAILS STORED IN CLOUD STORAGE:

