

Topic:

Smart Solution for Railways

Team ID:

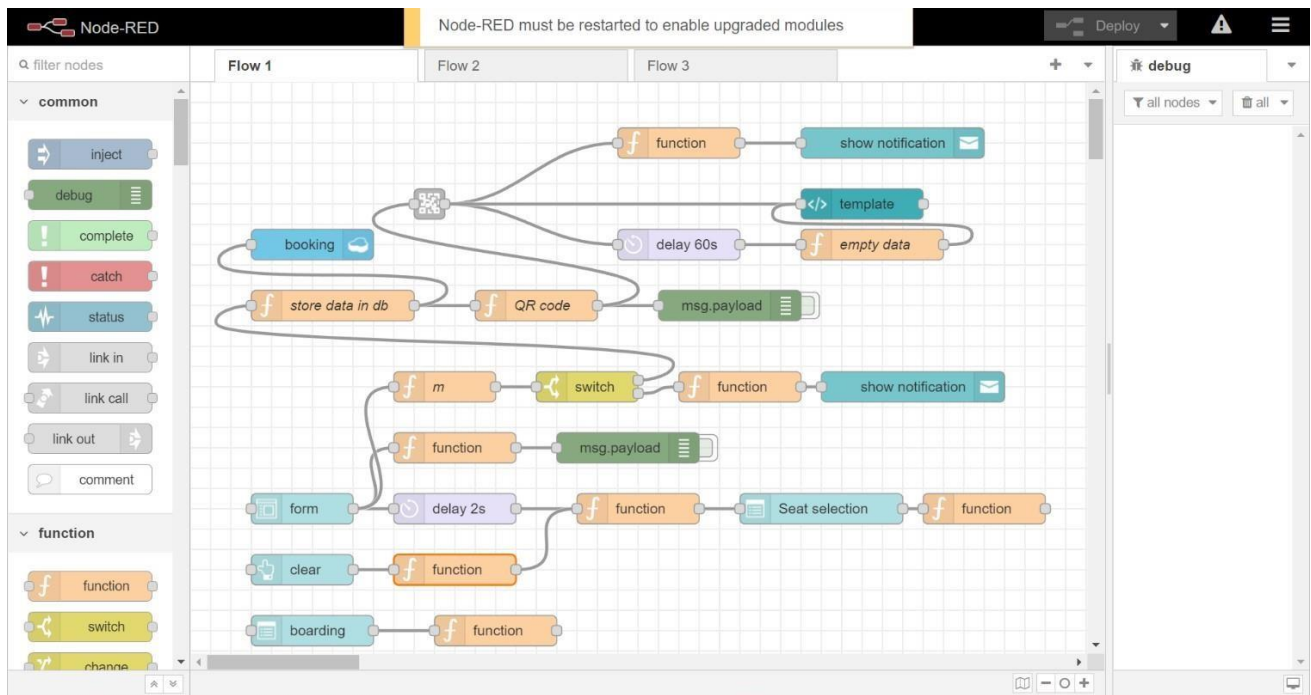
PNT2022TMID18625

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 in a browser. The URL is node-red-oybfp-2022-11-04.eu-gb.mybluemix.net/ui/#/!/?socketid=IVPAAaixjP0PDuiAACq. The page title is "QR code gen". The form is titled "Default" and contains the following fields:

- Seat selection: 2
- boarding: Chennai
- Destination: Coimbatore
- Name: Monish
- Age: 21
- Mobile: 9876543219

At the bottom of the form are two buttons: "SUBMIT" and "CANCEL".

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 must be restarted to enable upgraded modules

Deploy

filter nodes

common

function

Flow 1

Flow 2

Flow 3

debug

all nodes

all

inject

debug

complete

catch

status

link in

link call

link out

comment

function

switch

change

booking

store data in db

QR code

msg.payload

function

show notification

template

delay 60s

empty data

m

switch

function

show no

form

delay 2s

function

Seat selection

clear

function

boarding

function

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

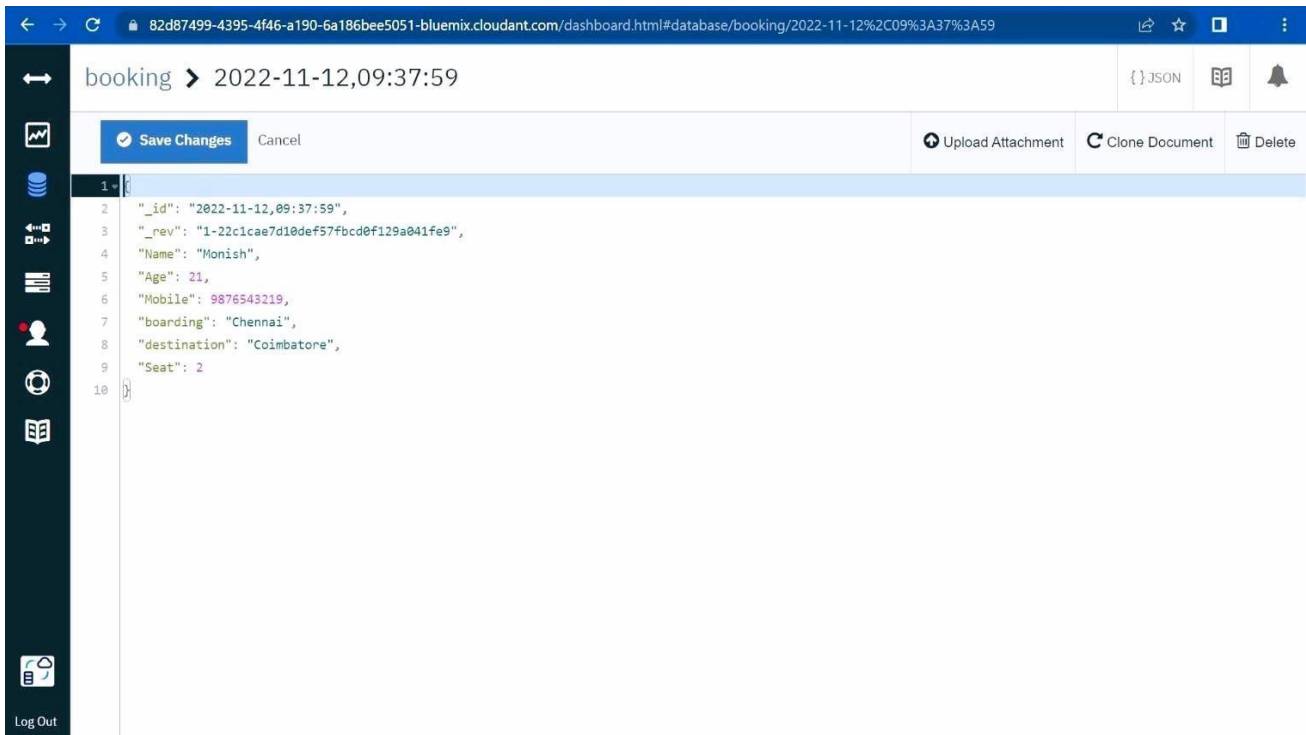
Mobile: 9876543219

boarding: "Chennai"

destination: "Coimbatore"

Seat: 2

CLOUDANT DASHBOARD DETAILS:



This step involves storage of details entered in cloud dashboard.

DETAILS STORED IN CLOUD STORAGE:

