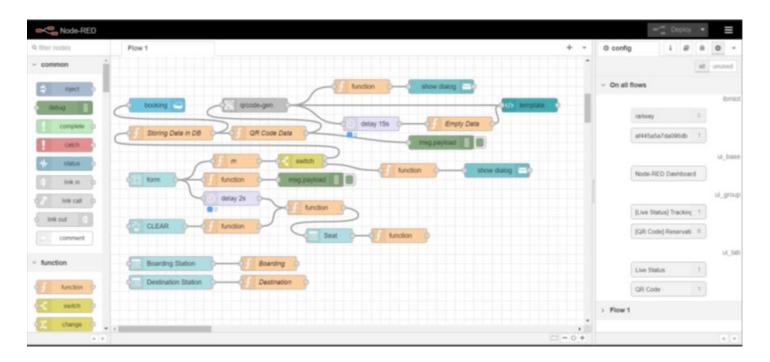
PROJECT DEVELOPMENT PHASE SPRINT - 2

DESCRIPTION:

To generate a unique QR Code for each ticket and to save all the details in Cloudant DB.

- Using a Node Red flow editor, a flow is built to get the details of the boarding station, destination, and the seat number.
- The passengers must give their name, age, mobile no. along with the details of boarding station, destination station and the seat number.
- When the passenger clicks the submit button with all required details, they will get a Unique QR code with a dialog box information as "Ticket is Generated".
- If the passenger fails to give any correct detail, a dialog box information as "Ticket is not generated" will be displayed and no QR code will be generated.

Node Red flow:



- Three dropdown boxes are given to get the detail of boarding, destination station and the Seat number of the journey from the passenger
- To get the name, age, and mobile number of the passenger a form node is created with these specifications.
- When the passenger clicks the submit button the flow goes in two ways.
 - ➤ When the passenger gives the seat number which is not booked by anyone before, ticket will be generated.
 - ➤ If the seat number selected by the passenger is already booked by other passenger or if not, enough details is provided the ticket will not be generated.
- In node red service two groups are created to have two tabs like one for tracking and other one for QR generation.