DEVELOP OF WEB APPLICATION

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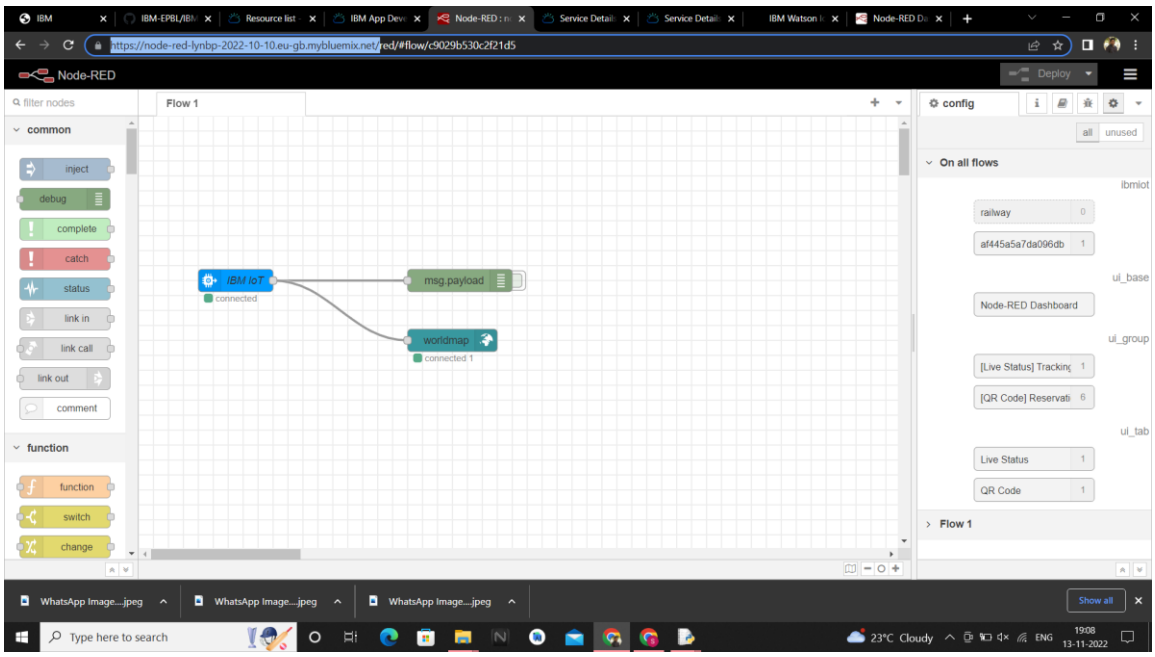
Project : Smart Solutions For Railways

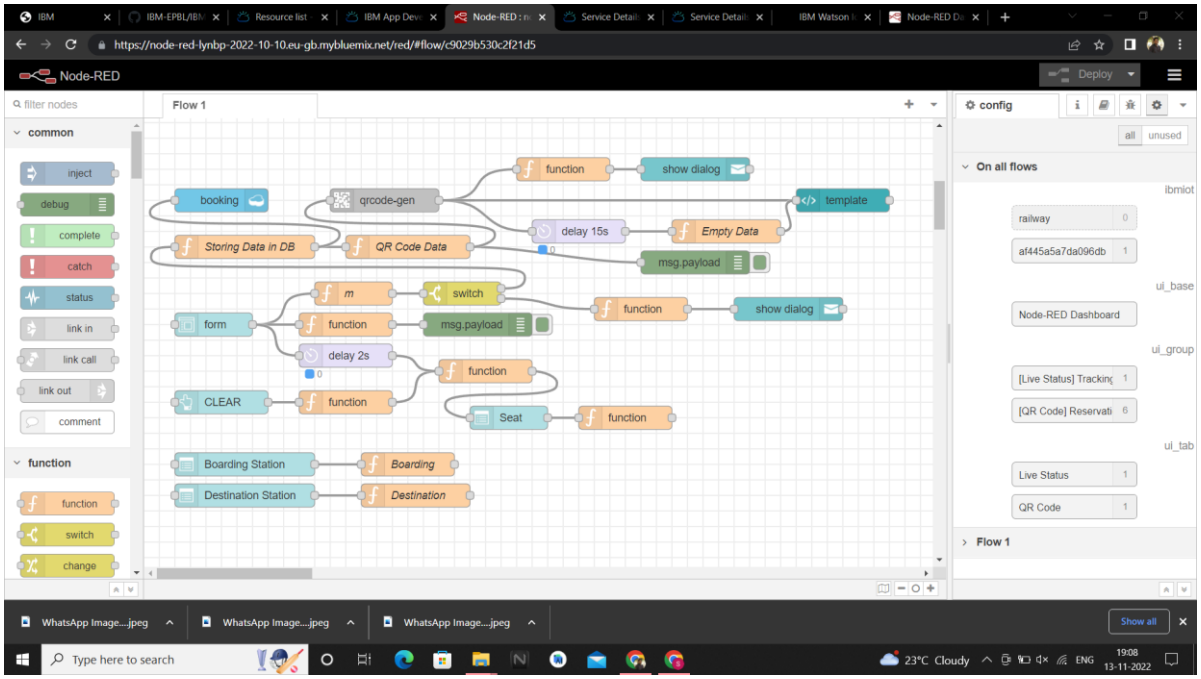
Tracking:

- A web application is developed using node red to track the live location of the train by receiving the latitude and longitude value of the location through GPS module.
- The received values will be updated in the IBM Watson IoT Platform through a python code.
- A node red is used to obtain the value form the IBM Watson IoT and to locate the values in the Map.
- When the python code is made to Run the Location is updated in IBM Watson IoT Platform with a delay of 3 seconds.



QR Code:

- In order to get the details of the journey of the passenger a node red flow is created
- Here the passenger must give their boarding and destination station and the seat also.
- The personal details like name and mobile number of the customer is obtained.
- All the details from the passenger is stored in IBM Cloudant DB.


Node-RED
Deploy
Flow 1
filter nodes
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
function
switch
change
booking
qrcode-gen
function
show dialog
template
delay 15s
Empty Data
Storing Data in DB
QR Code Data
msg.payload
m
switch
function
show dialog
form
function
msg.payload
delay 2s
function
CLEAR
function
Seat
function
Boarding Station
Boarding
Destination Station
Destination
config
all
unused
On all flows
ibmiot
railway
af445a5a7da096db
ui_base
Node-RED Dashboard
ui_group
[Live Status] Tracking
[QR Code] Reservati
ui_tab
Live Status
QR Code
Flow 1
WhatsApp Image....jpeg
WhatsApp Image....jpeg
WhatsApp Image....jpeg
Show all
Type here to search
23°C Cloudy
ENG
19:08
13-11-2022