SPRINT-2

Assignment Date	06th November 2022
Team ID	PNT2022TMID39421
Project Name	Smart Solution For Railways Using IOT

Project Description:-

Smart solution for railways is designed to reduce the work load of the user and also the use of paper.

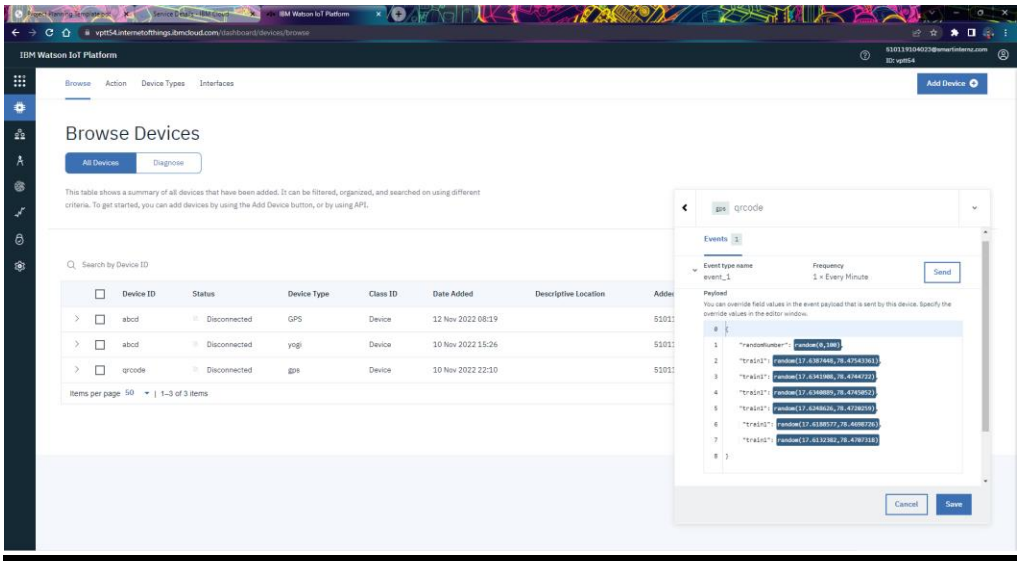
Project Feature:-

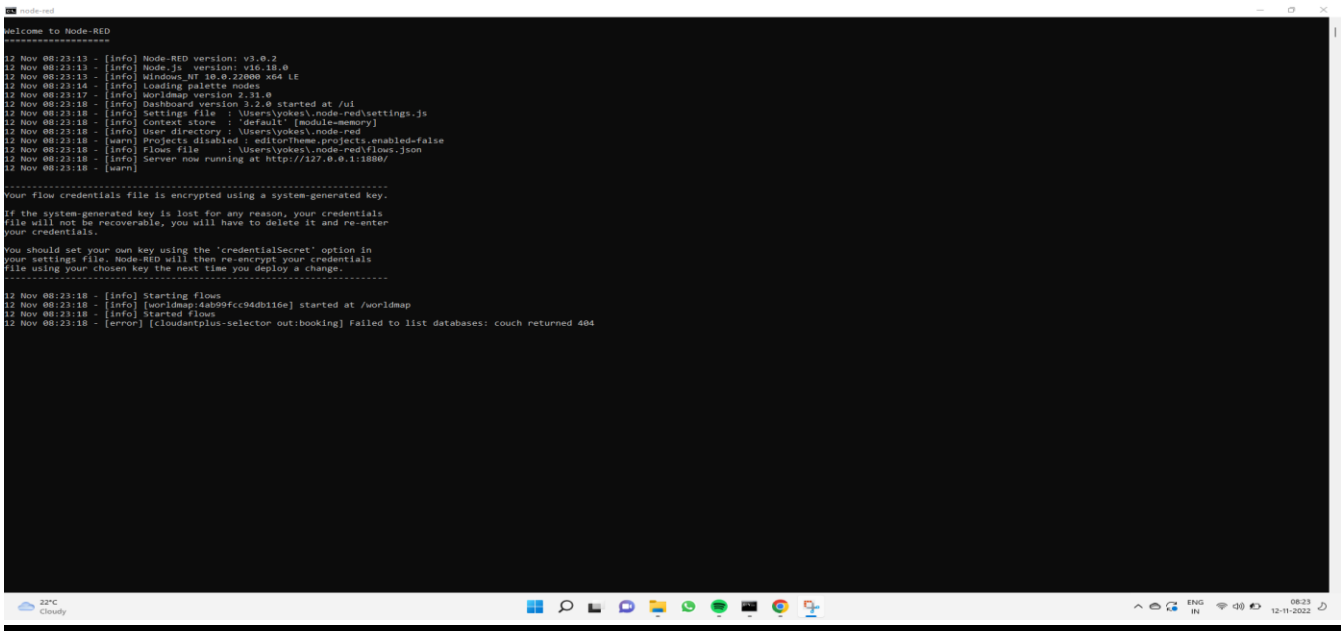
A GPS module is present in the train to track it. The live status of the journey is updated in the web application.

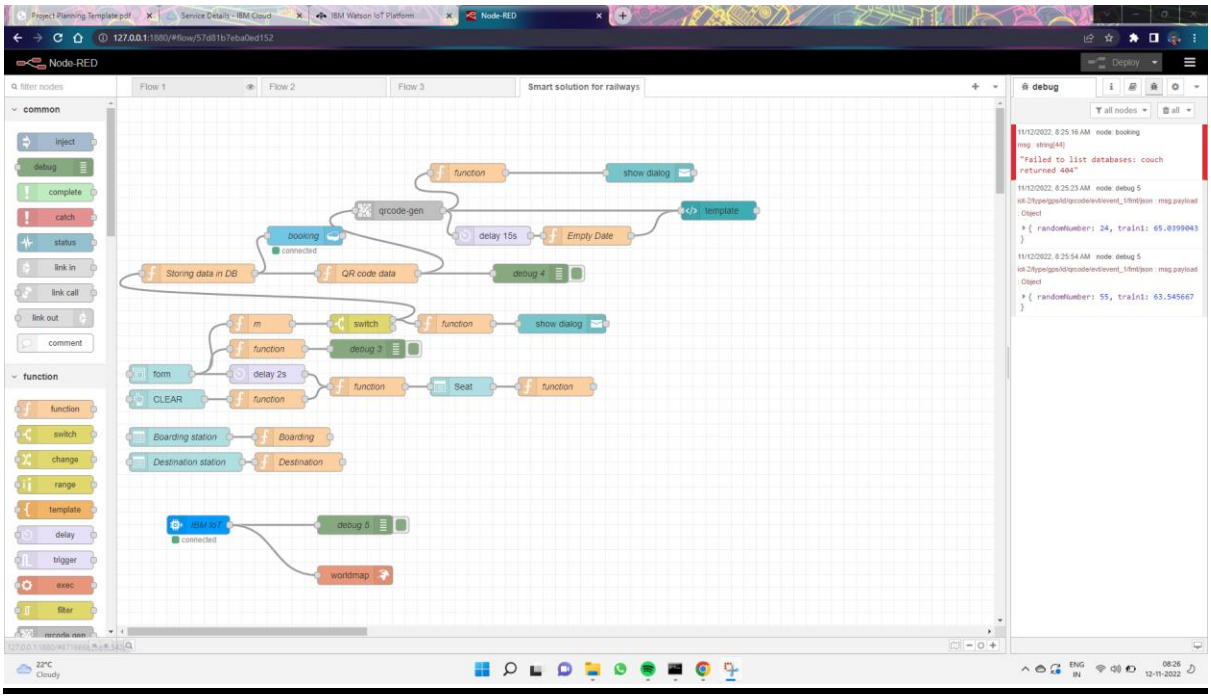
Task:-

Creating device in the IBM Watson IOT platform, workflow for IOT scenarios using Node-red in connection with IBM cloud.

Screenshots of IBM Watson platform and Node-Red:-




node-red
Welcome to Node-RED
12 Nov 08:23:13 - [info] Node-RED version: v3.0.2
12 Nov 08:23:13 - [info] Node.js version: v16.18.0
12 Nov 08:23:13 - [info] Windows_NT 10.0.22000 x64 LE
12 Nov 08:23:14 - [info] Loading palette nodes
12 Nov 08:23:17 - [info] Worldmap version 2.31.0
12 Nov 08:23:18 - [info] Dashboard version 3.2.0 started at /ui
12 Nov 08:23:18 - [info] Settings file : \Users\yokes\.node-red\settings.js
12 Nov 08:23:18 - [info] Context store : 'default' [module=memory]
12 Nov 08:23:18 - [info] User directory : \Users\yokes\.node-red
12 Nov 08:23:18 - [warn] Projects disabled : editorTheme.projects.enabled=false
12 Nov 08:23:18 - [info] Flows file : \Users\yokes\.node-red\flows.json
12 Nov 08:23:18 - [info] Server now running at http://127.0.0.1:1880/
12 Nov 08:23:18 - [warn]
Your flow credentials file is encrypted using a system-generated key.
If the system-generated key is lost for any reason, your credentials
file will not be recoverable, you will have to delete it and re-enter
your credentials.
You should set your own key using the 'credentialSecret' option in
your settings file. Node-RED will then re-encrypt your credentials
file using your chosen key the next time you deploy a change.
12 Nov 08:23:18 - [info] Starting flows
12 Nov 08:23:18 - [info] [worldmap:4ab99fcc94db116e] started at /worldmap
12 Nov 08:23:18 - [info] Started flows
12 Nov 08:23:18 - [error] [cloudantplus-selector out:booking] Failed to list databases: couch returned 404


Node-RED
127.0.0.1:1880/#flow/57d81b7eba0ed152
Flow 1
Flow 2
Flow 3
Smart solution for railways
Deploy
debug
common
function
inject
debug
complete
catch
status
link in
link call
link out
comment
switch
change
range
template
delay
trigger
exec
filter
function
show dialog
qrcode-gen
template
booking
connected
delay 15s
Empty Date
Storing data in DB
QR code data
debug 4
m
switch
function
show dialog
function
debug 3
form
delay 2s
function
Seat
function
CLEAR
function
Boarding station
Boarding
Destination station
Destination
IBM IoT
connected
debug 5
worldmap
"Failed to list databases: couch returned 404"
{ randomNumber: 24, train1: 65.0399043 }
{ randomNumber: 55, train1: 63.545667 }