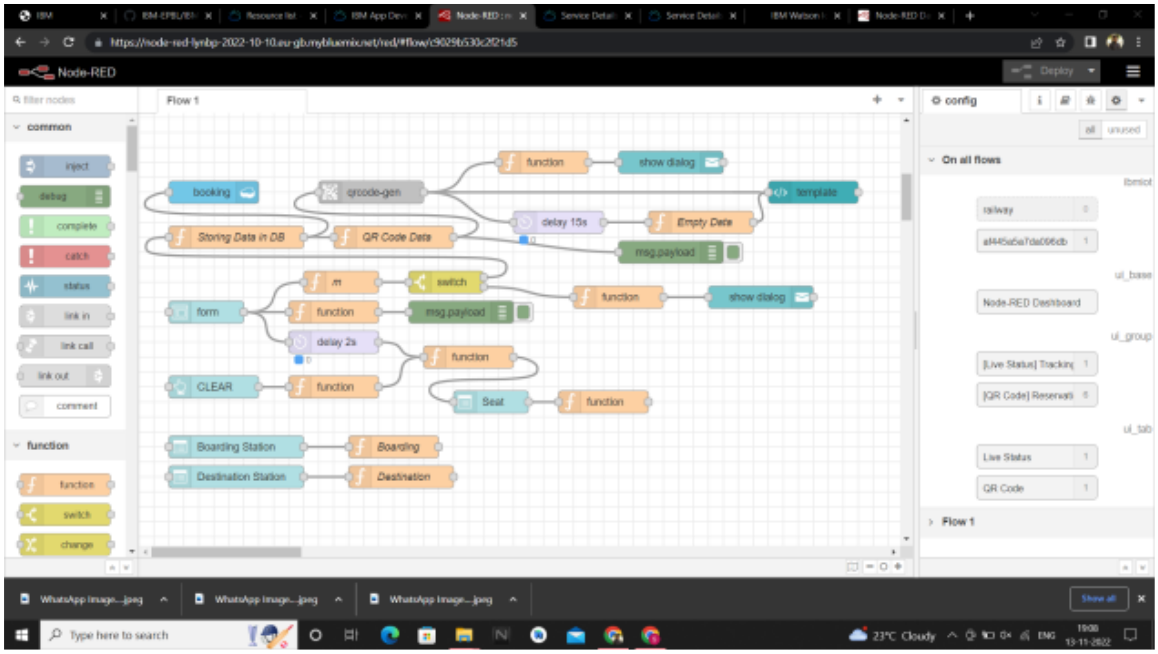
PROJECT DEVELOPMENT PHASE

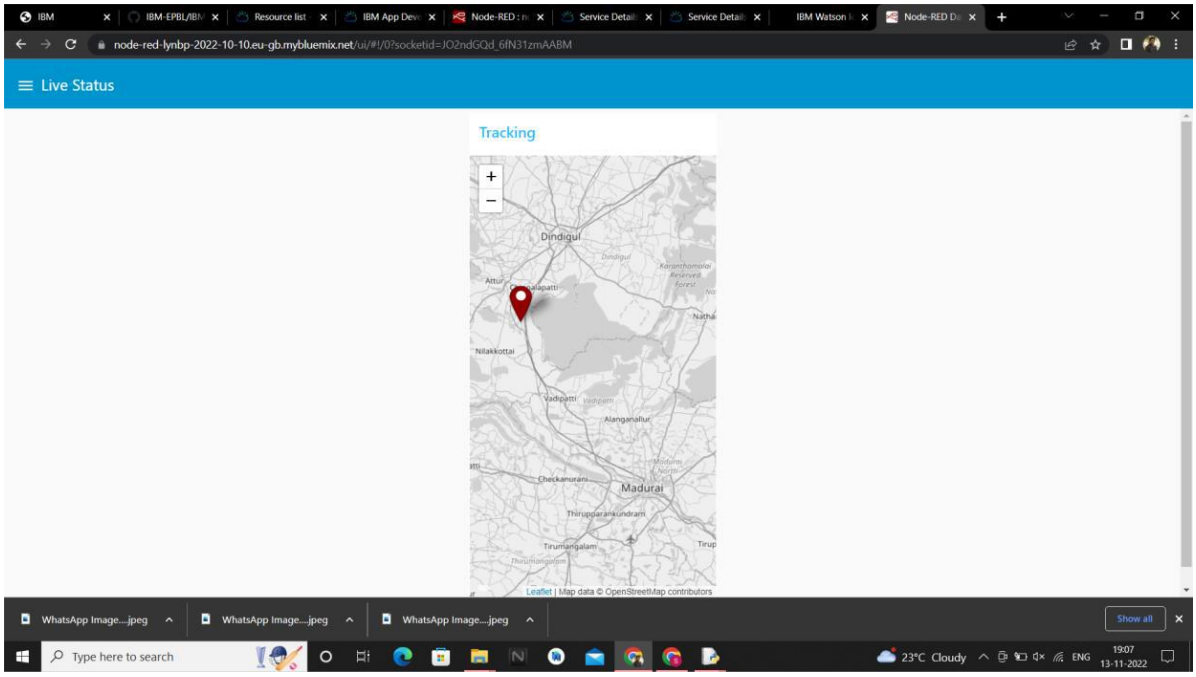
SPRINT - 3

DESCRIPTION:

- To track the live location of the train using a GPS module to get the latitude and longitude values.
- To locate these values in the Map using node red application.
- A python code is built as it updates the latitude and longitude values in the IBM IoT platform.
- These values are updated in the IBM Watson IoT platform.



- A node red flow is created by fetching the data from the IBM IoT platform.
- The fetched data is made to locate in the Map.
- By testing this node red flow, we can get the location of the train in the map.



Acceptance Testing:

The purpose of this is to briefly explain the test coverage and open issues of the [Smart Solutions for Railways] project at the time of the release to User Acceptance Testing (UAT).

Resolution	Severity 1	Severity 2	Severity 3	Severity 4	Subtotal
By Design	5	2	3	1	11
Duplicate	1	1	0	0	2
External	2	1	0	0	3
Fixed	9	4	5	2	20
Not Reproduced	0	0	1	0	1
Skipped	0	1	0	2	3
Won't Fix	1	0	1	0	2
Totals	18	9	10	5	42

The defect analysis was resolved by,

1. Reviewing the code and establishing checkpoints.
2. Debugging window.
3. By working in pairs and conducting team window.
4. By developing action plans to cope with specific issues.
5. Defect resolution process.
6. Prioritize and resolving defect.
7. Validating the corrective action presented.

The following report shows the number of test cases that have passed, failed, and untested.

Section	Total Cases	Not Tested	Fail	Pass
Home page	3	0	0	3
Login page	4	0	0	4
Booking	10	0	0	10
Passenger Details	6	0	0	6
TTE	3	0	0	3
Train Tracking	2	0	0	2
Payment	2	0	0	2