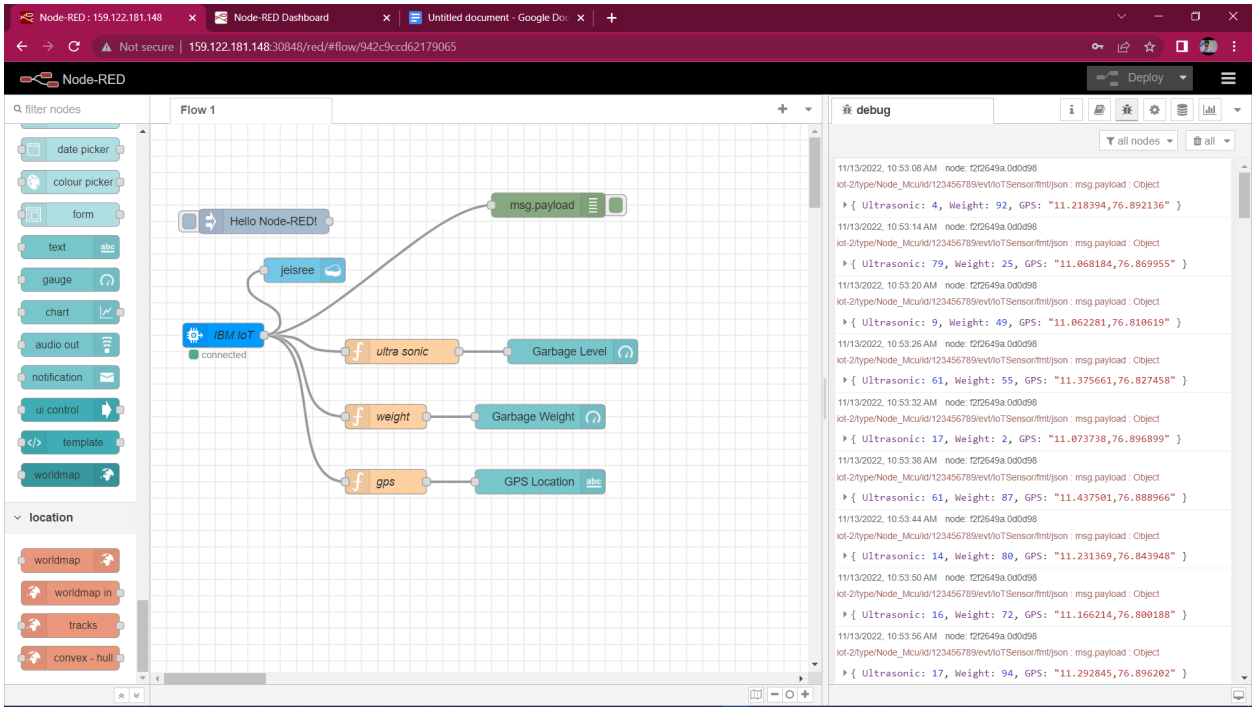
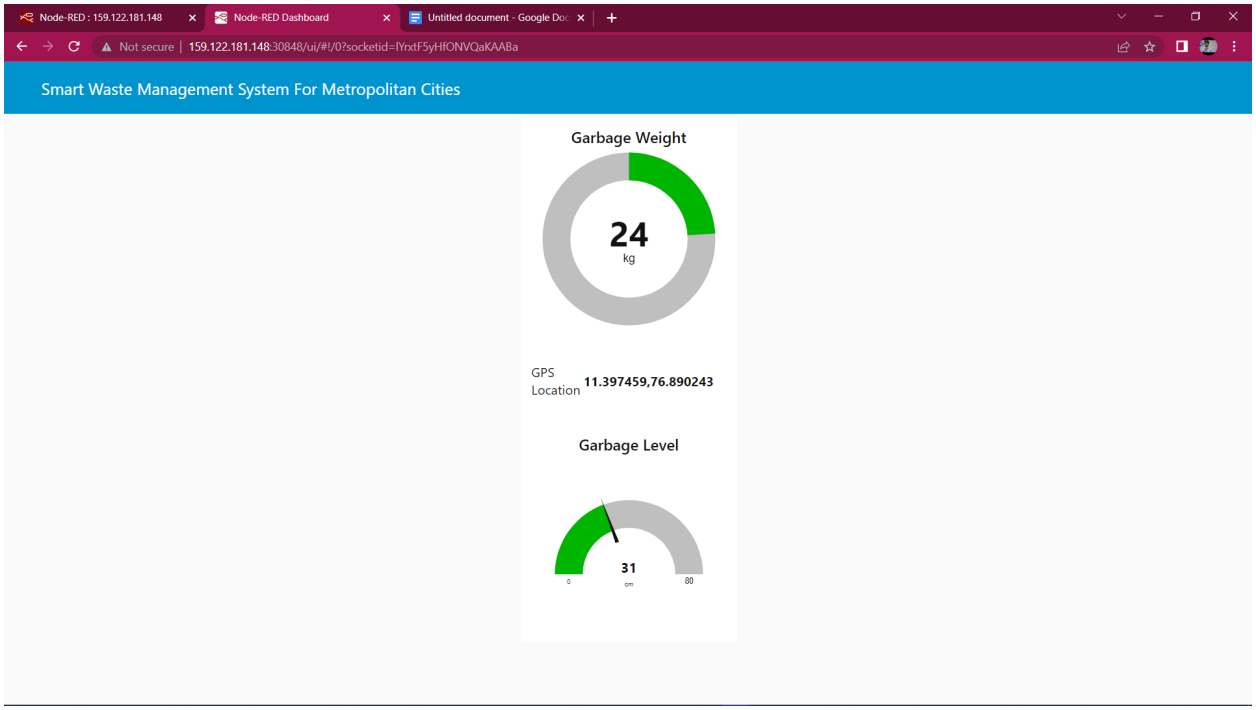
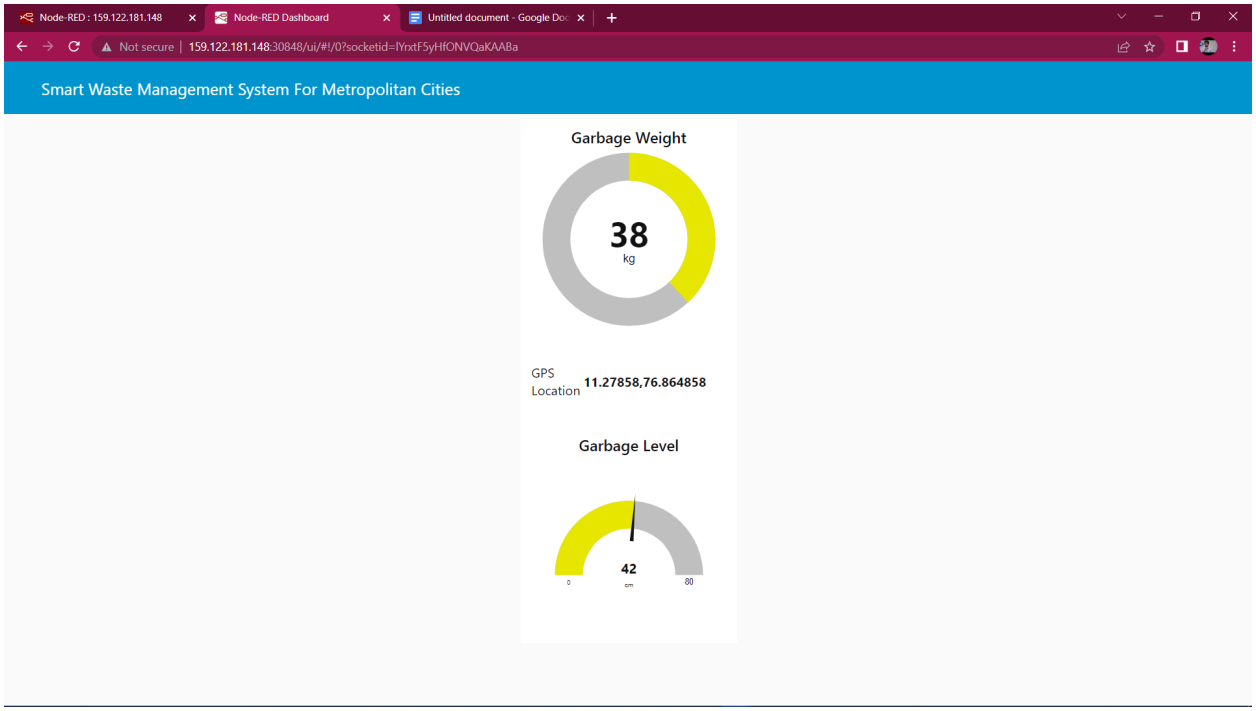
Develop the web application using Node-RED

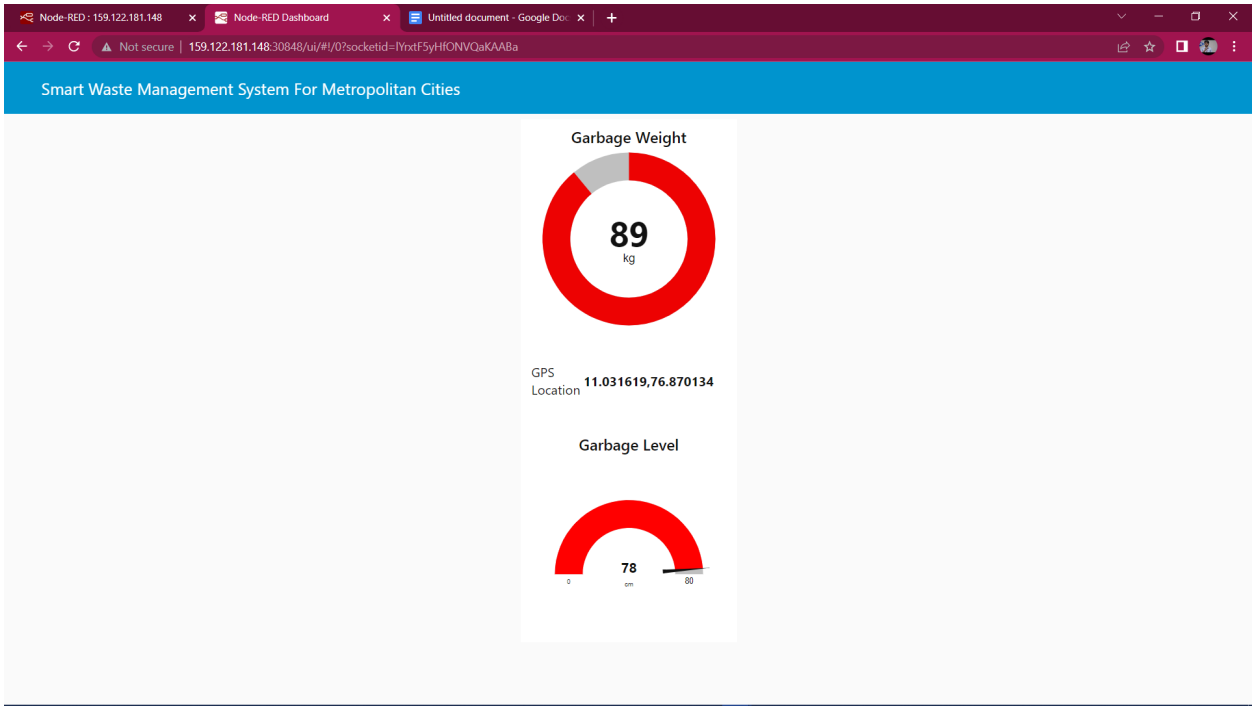
Date	09 November 2022
Team ID	PNT2022TMID43416
Project Name	Project - SMART WASTE MANAGEMENT SYSTEM

Web application using Node-RED




Node-RED : 159.122.181.148
Node-RED Dashboard
Untitled document - Google Doc
Not secure | 159.122.181.148:30848/ui/#!/0?socketid=lYrxtF5yHfONVQaKAABa
Smart Waste Management System For Metropolitan Cities
Garbage Weight
24
kg
GPS Location
11.397459,76.890243
Garbage Level
31
0
80
cm


Node-RED : 159.122.181.148
Node-RED Dashboard
Untitled document - Google Doc
Not secure | 159.122.181.148:30848/ui/#!/0?socketid=lYrxtF5yHfONVQaKAABa
Smart Waste Management System For Metropolitan Cities
Garbage Weight
38
kg
GPS Location
11.27858,76.864858
Garbage Level
42
0
80
cm



- Garbage Level: displays the level of waste present in the Bin.
- Garbage Weight: display the total weight of waste present in the Bin.

- Based on the weight and level of the bin, color will change which alerts the authorized person to empty the bin.

1. Green : 0% - 30%
2. Yellow : 30% - 80%
3. Red : 80% - 100%

- Red color indicates the person is emptying the bin.
- Yellow color indicates the bin is almost full.
- Green color indicates the bin is empty.