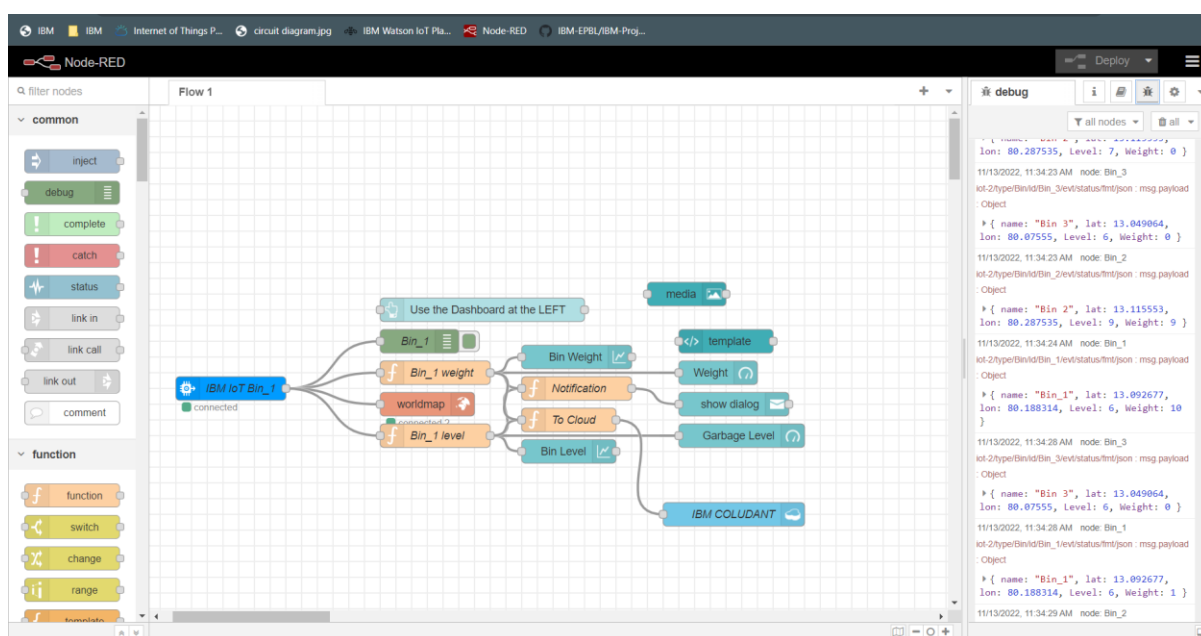


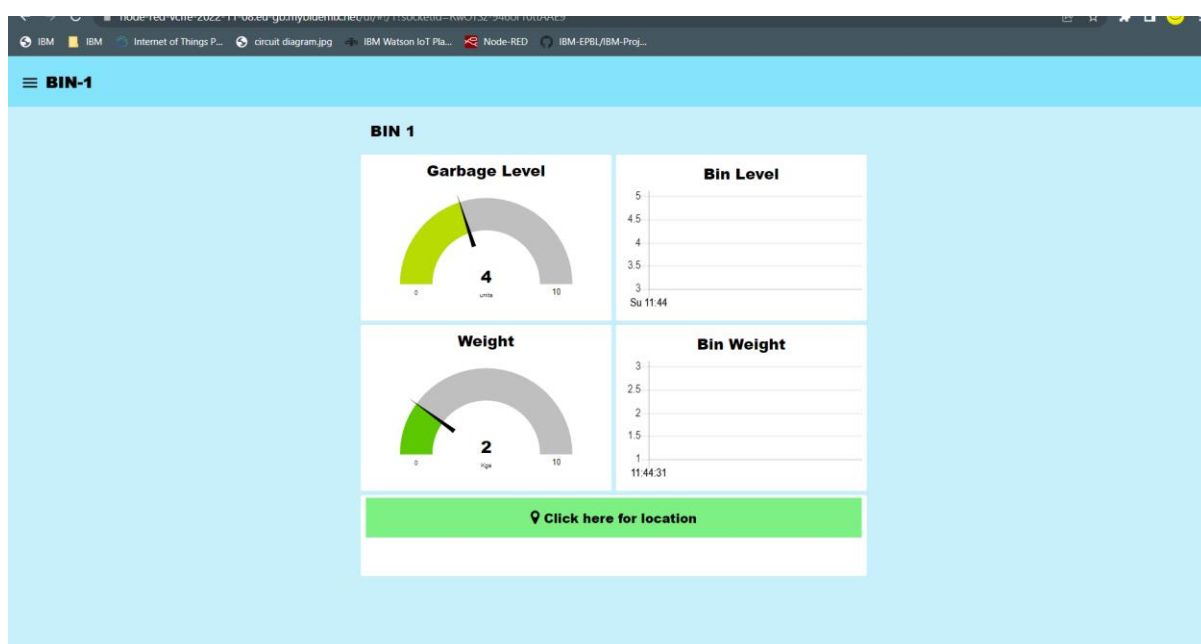
## DEVELOPING WEB APPLICATION USING NODE RED

Team ID	PNT2022TMID00928
Project Name	Smart waste management system for metropolitan cities

## 1 . Using Node RED to create a Web UI



## 2.Web UI interface



### 3. Alert message when bin is full



### 4. Details of bin stored in IBM cloud from Web UI

```
1 - [Save Changes] [Cancel]
2 1 - [
3   "id": "0470b9cbbac059d400474c372d5585a3",
4   "_rev": "1-12da07a6e41c65427245e98316502f2b",
5   "topic": "iot-2/type/Bin/id/Bin_1/evt/Data/fmt/json",
6   "payload": {
7     "date": "13-10-2022",
8     "ALERT": "Bin 1 is FULL"
9   },
10  "deviceId": "Bin_1",
11  "deviceType": "Bin",
12  "eventType": "Data",
13  "format": "json"
14 ]
```