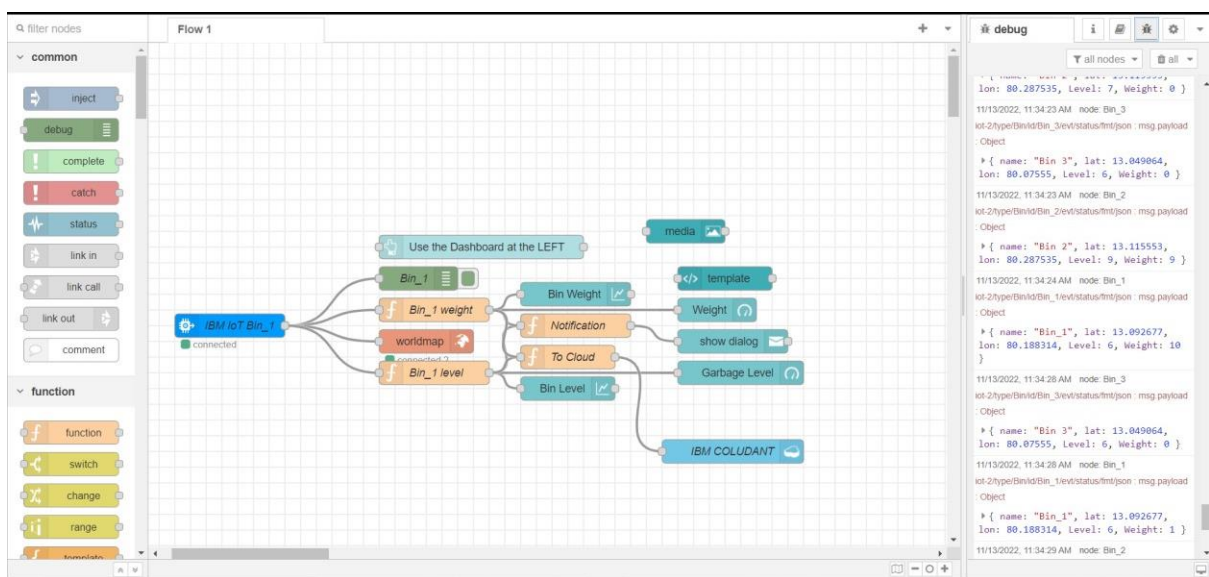


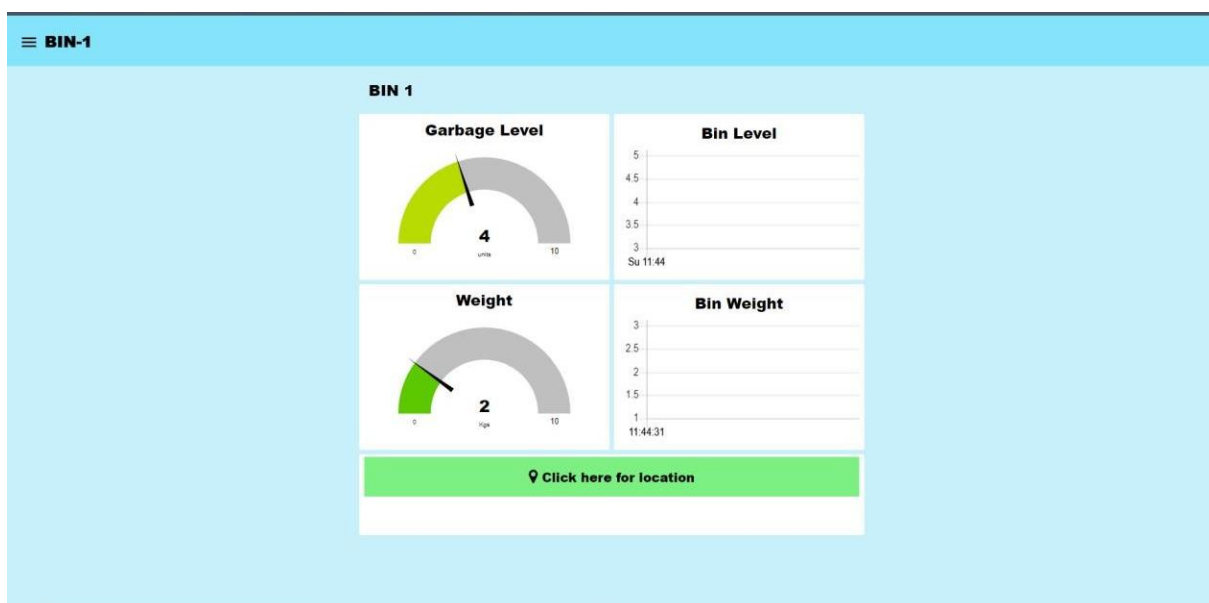
DEVELOPING WEB APPLICATION USING NODE RED

Team ID	PNT2022TMID14345
Project Name	Smart waste management system for metropolitan cities

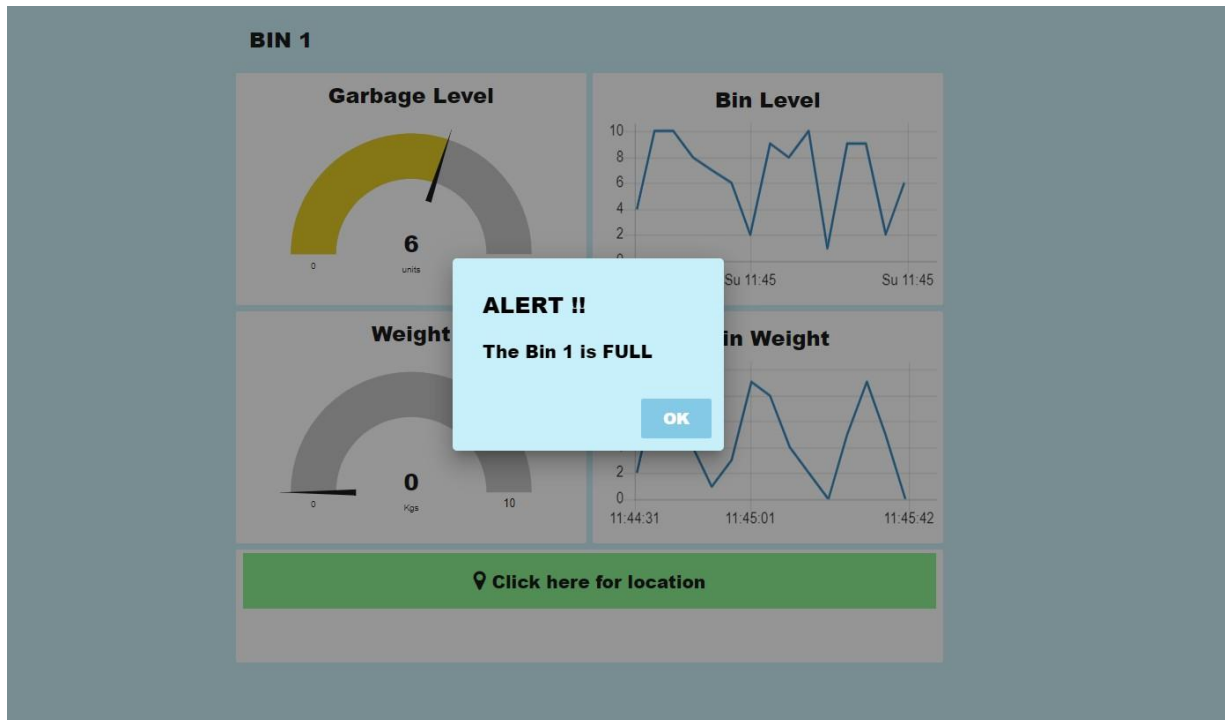
1 . Using Node RED to create a Web UI



2. Web UI interface



3. Alert message when bin is full



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

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