

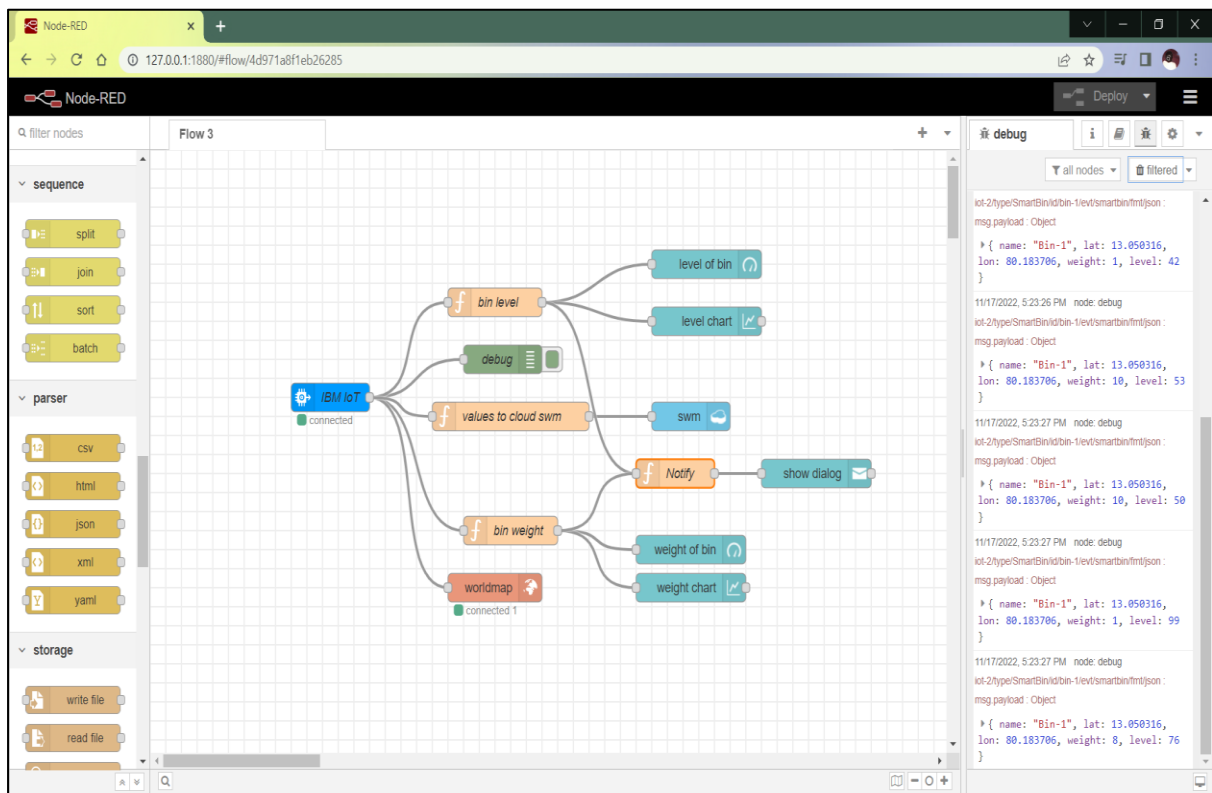
SPRINT 4

Date	17 November 2022
Team ID	PNT2022TMID02664
Project Name	Smart Waste Management for Metropolitan Cities

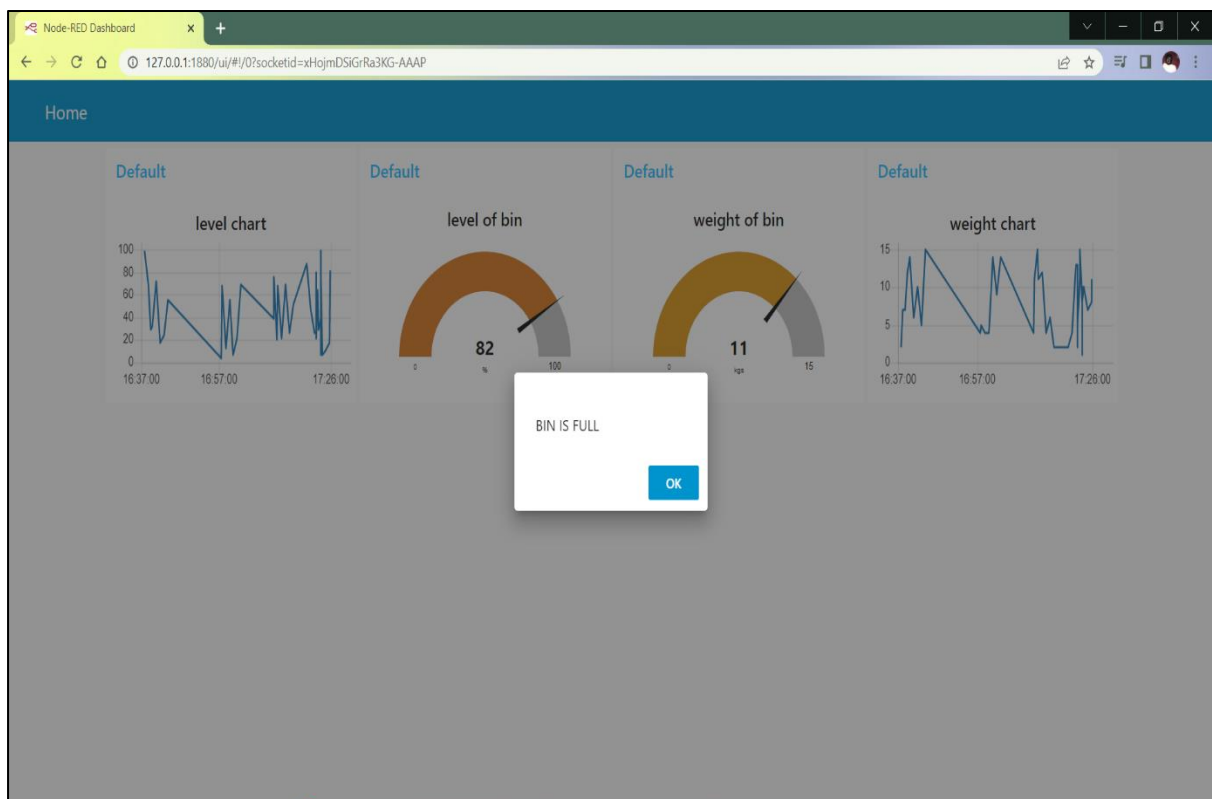
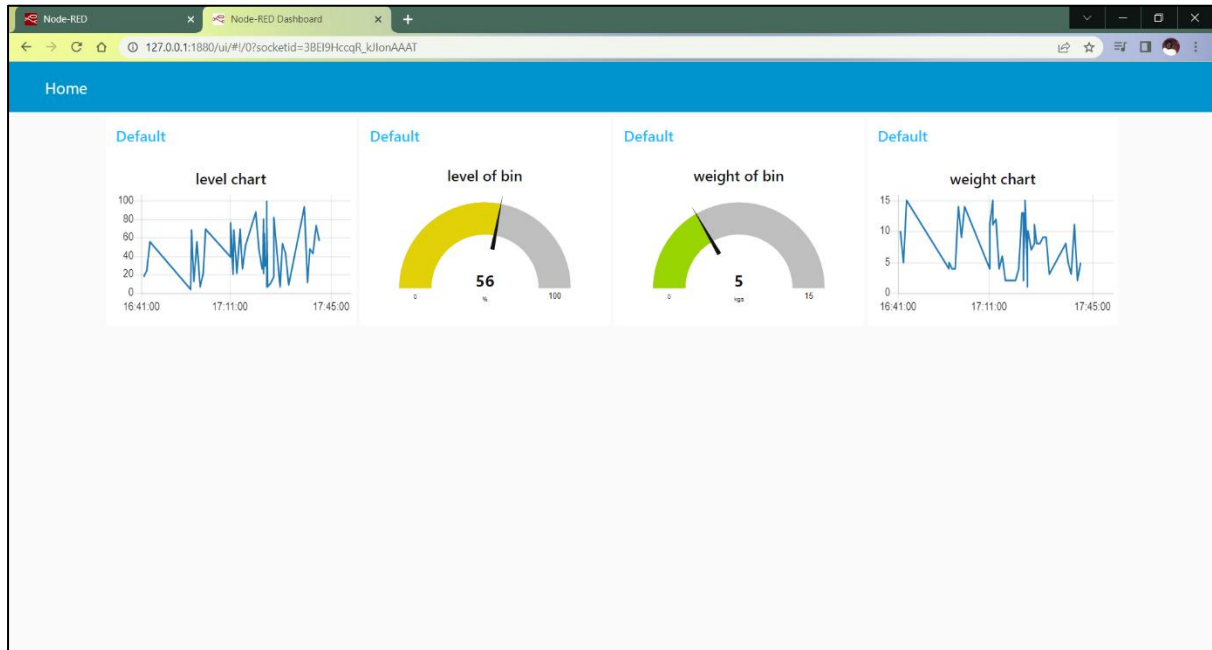
Developing web application using Node Red.

The web UI displays the bin's weight, level and location. A dialog box is shown when the bin is full.

In Node Red platform



Web UI



Bin details stored in Cloudant Database



The image shows a screenshot of a code editor interface. On the left is a dark sidebar with several icons: a database icon, a document icon, a user profile icon, a circular refresh icon, and a book icon. The main area of the editor displays a JSON document with the following content:

```
1 {  
2   "_id": "0470b9cbbac059d400474c372d5585a3",  
3   "_rev": "1-12da07a6e41c65427245e98316502f2b",  
4   "topic": "iot-2/type/Bin/id/Bin_1/evt/Data/fmt/json",  
5   "payload": {  
6     "date": "17-10-22",  
7     "ALERT": "Bin 1 is FULL"  
8   },  
9   "deviceId": "Bin_1",  
10  "deviceType": "Bin",  
11  "eventType": "Data",  
12  "format": "json"  
13 }
```