Delivery of Sprint – 4

Web UI Design and Deploy

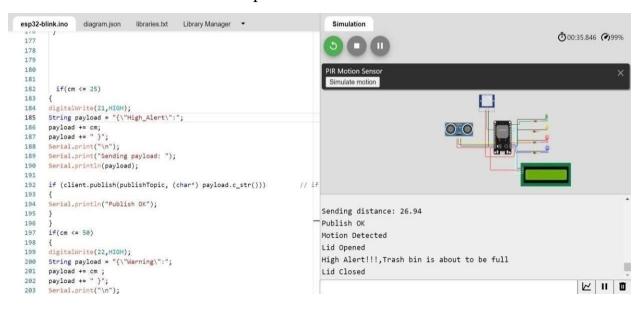| Date	16 November 2022
Team ID	PNT2022TMID26515
Project Name	Smart Waste Management System for Metropolitan cities
Maximum Marks	4 Marks

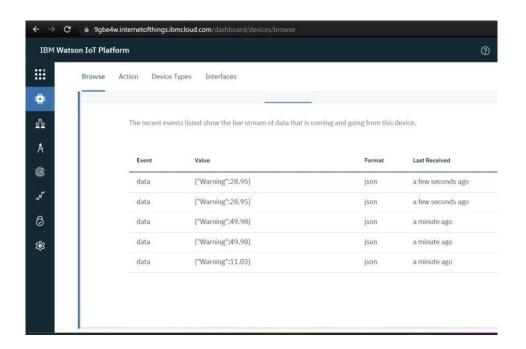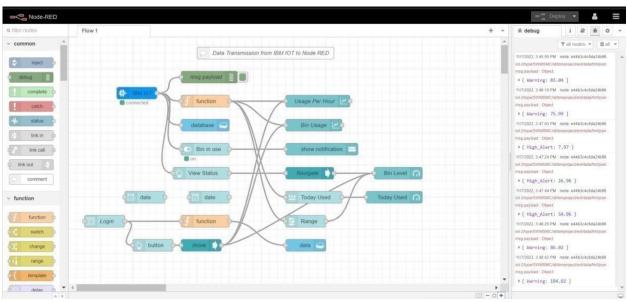1. Node-RED Connection setup for data transmission from IBM Watson IOT platformto Node-RED dashboard.

1. Simulate Wokwi connection to transmit data from wokwi account to IBM Watson IOTplatform and then to Node Red dashboard.

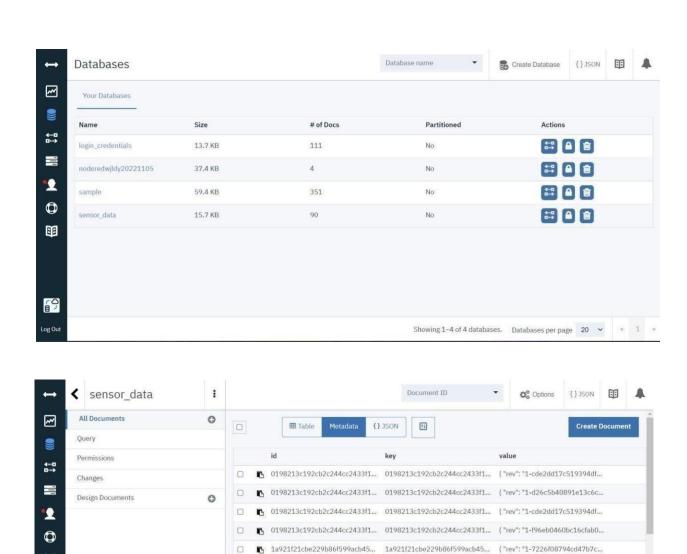2. Data transfer to Watson IOT platform.

3. Data transfer from IBM Watson IOT platform and wokwi to Node red.

5 . Storing database in IBM cloudant DB.

6. Data is stored in JSON format

sensor_data > 0198213c192cb2c244cc2433f1802b91

{}JSON

Save Changes   Cancel   Upload Attachment   Clone Document   Delete

1 {
2   "_id": "0198213c192cb2c244cc2433f1802b91",
3   "_rev": "1-cde2dd17c519394dfeb774730c495f8b",
4   "topic": "iot-2/type/SWMSMC/id/ibmproject/evt/data/fmt/json",
5   "payload": {
6   "Warning!!": "244.971left"
7   },
8   "deviceId": "ibmproject",
9   "deviceType": "SWMSMC",
10   "eventType": "data",
11   "format": "json"
12 }

Log Out

7. Web UI

≡ Log

Control

Bin in use

Range ●————————————

Today Used   ∨   0   ∧

date 🗓 06/11/2022   ▾

📊 VIEW STATUS

≡ Bin Status

Bin Status

Bin Level

200

150

100

50

0
iot-2/type/SWMSMC/id/ibmproject/evt/data/fmt/json

Today Used

☐ iot-2/type/SWMSMC/id/ibmproject/evt/data/fmt/json
100

75

50

25

0
6/11 6/11 6/11 6/11 6/11 6/11 6/11

date 🗓 06/11/2022   ▾

Bin Level

27
gallons
0   100

Today Used

27gallons