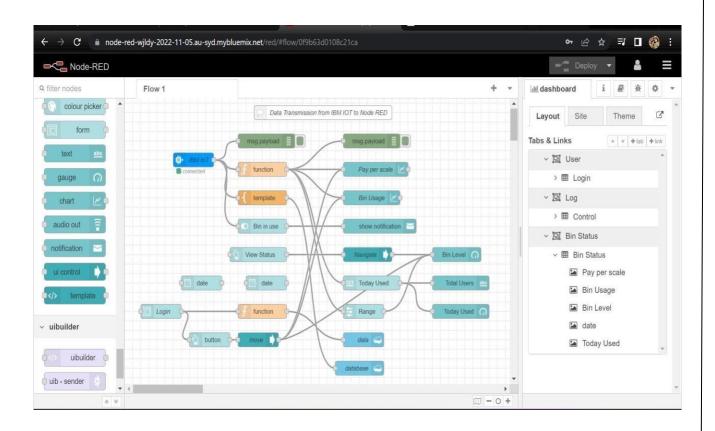
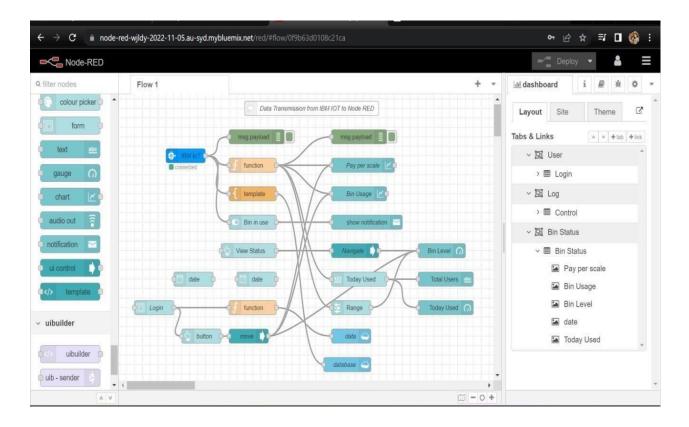
Delivery of Sprint – 4

Web UI Design and Deploy

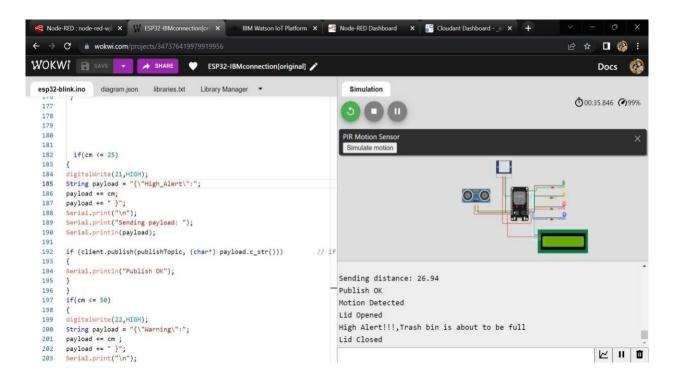
Date	11 November 2022
Team ID	PNT2022TMID05224
Project Name	Smart Waste Management for Metropolitan Cities - IOT

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

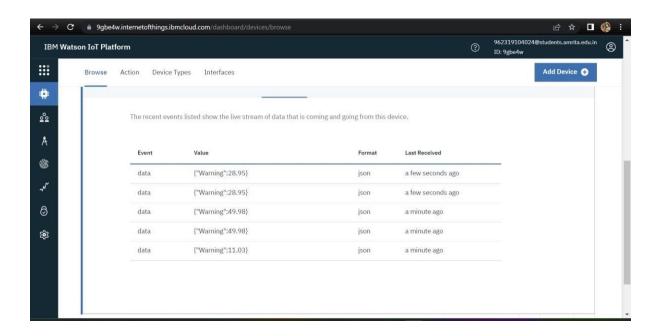




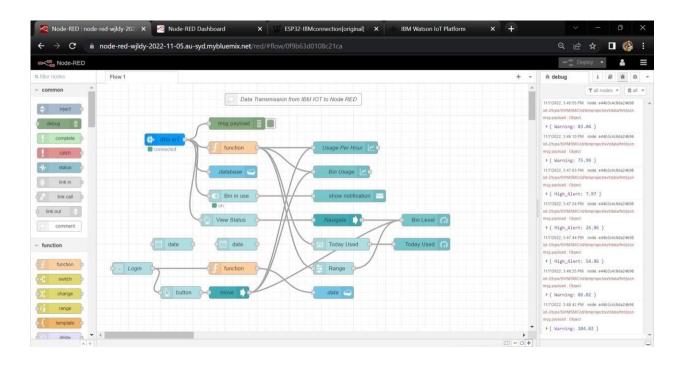
1. Simulate Wokwi connection to transmit data from wokwi account to IBM Watson IOTplatform and then to Node Red dashboard.



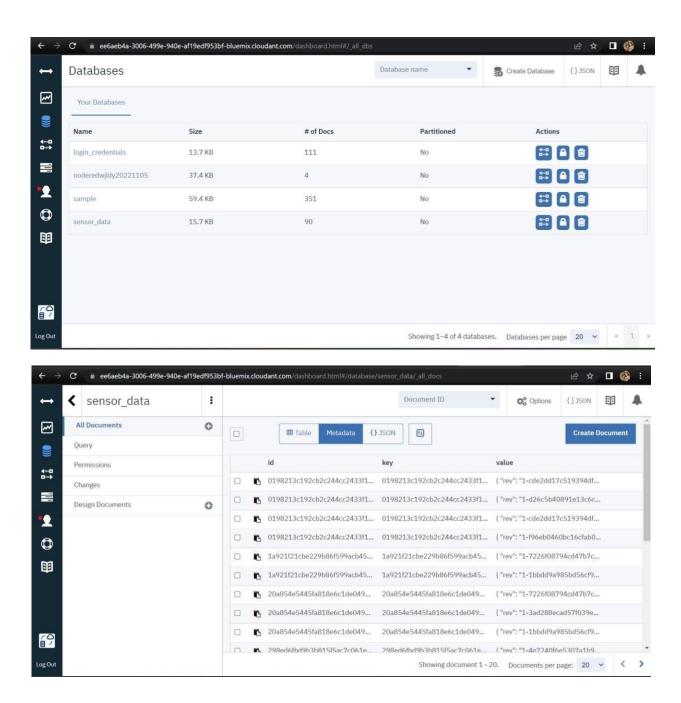
2. Data transfer to Watson IOT platform.



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

```
← → C 🛍 ee6aeb4a-3006-499e-940e-af19edf953bf-bluemix.cloudant.com/dashboard.html#database/sensor_data/0198213c192cb2c244cc2433f1802b91
                                                                                                                                  ☆ □ 🚳 :
       sensor_data > 0198213c192cb2c244cc2433f1802b91
                                                                                                                                  {}JSON
\
           Save Changes Cancel
                                                                                                         "_id": "0198213c192cb2c244cc2433f1802b91",
"_rev": "1-cde2dd17c519394dfeb774730c495f8b",
4...
            "topic": "iot-2/type/SWMSMC/id/ibmproject/evt/data/fmt/json",
            "payload": {
---
             "Warning!!": "244.97left"
1
            "deviceId": "ibmproject",
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0
        10 "eventType": "data",
11 "format": "json"
1
100
```

7. Web UI

