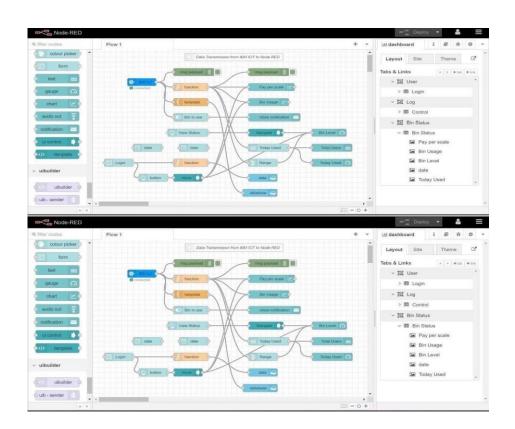
Delivery of Sprint – 3

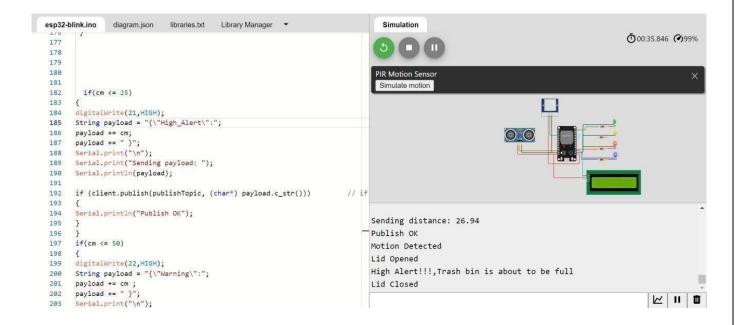
Node Red Connection to IBM Cloudant

Date	13 November 2022
Team ID	PNT2022TMID50056
Project Name	IOT Based Smart Waste Management for Metropolitan Cities

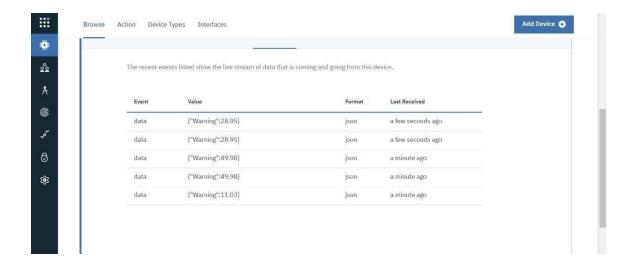
1. Node-RED Connection setup for data transmission from IBM Watson IOT platform to Node-RED dashboard.

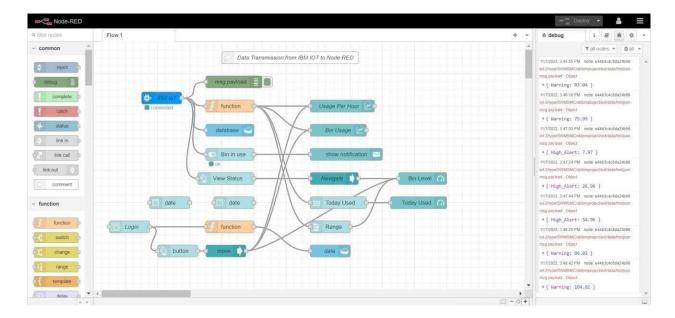


2. Simulate wokwi connection to transmit data from wokwi account to IBM Watson IOT platform and then to Node Red dashboard.

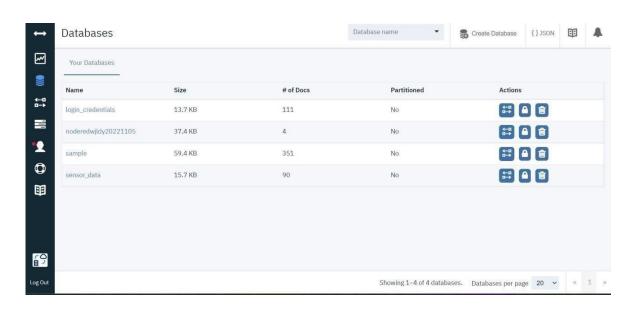


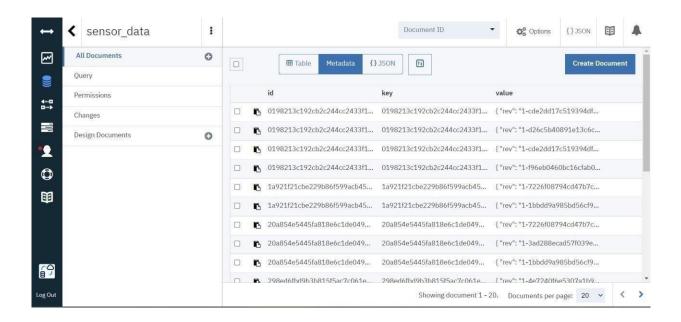
- 2. Data transfer to Watson IOT platform.
- 3. Data transfer from IBM Watson IOT platform and wokwi to Node red.





4. Storing database in IBM cloudant DB.





5. Data is stored in JSON format

```
sensor_data > 0198213c192cb2c244cc2433f1802b91
                                                                                                                          {}JSON
~

    ✓ Save Changes

                                                                                                   9
             "_id": "0198213c192cb2c244cc2433f1802b91",
4···□
             " rev": "1-cde2dd17c519394dfeb774730c495f8b".
             "topic": "iot-2/type/SWMSMC/id/ibmproject/evt/data/fmt/json",
            "payload": {
              "Warning!!": "244.97left"
            "deviceId": "ibmproject",
            "deviceType": "SWMSMC",
0
            "eventType": "data",
"format": "json"
        11
1
0
```