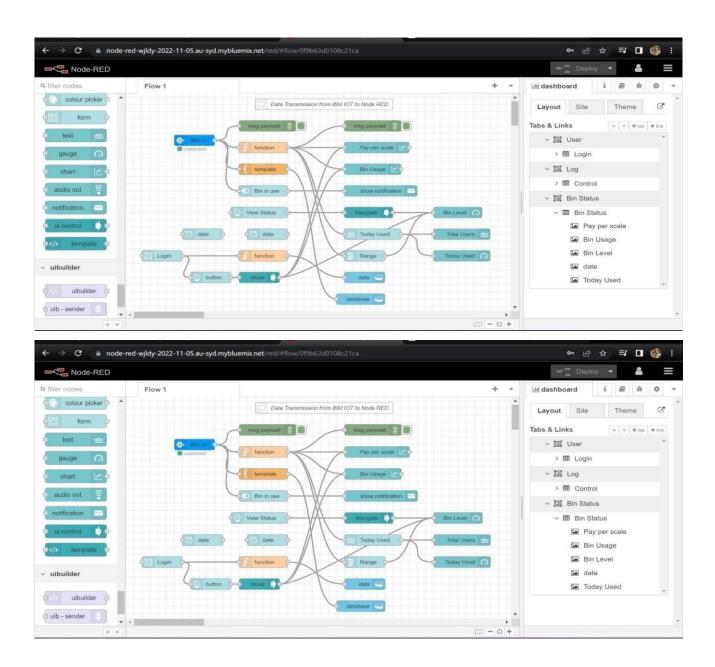
Delivery of Sprint – 3

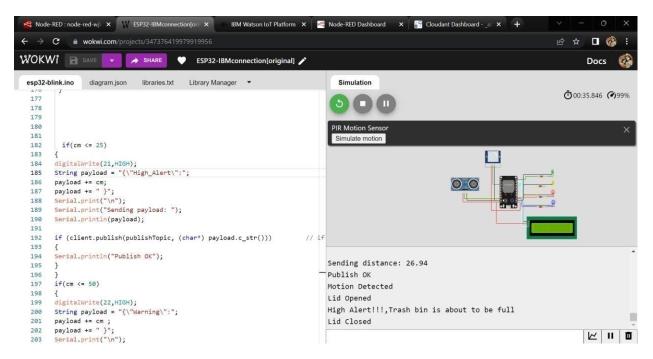
Node Red Connection to IBM Cloudant

Date	11 November 2022		
Team ID	PNT2022TMID05193		
Project Name	Smart Waste Management for Metropolitan Cities -IOT		

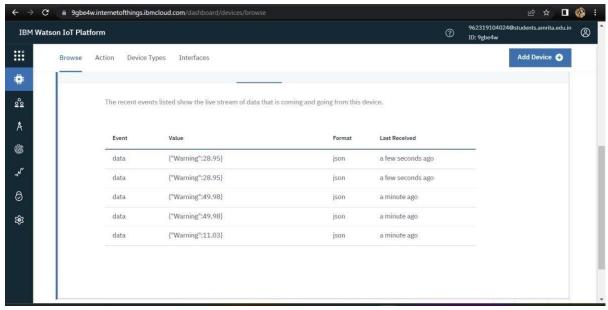
1. Node-RED Connection setup for data transmission from IBM Watson IOT platform to Node-RED dashboard.



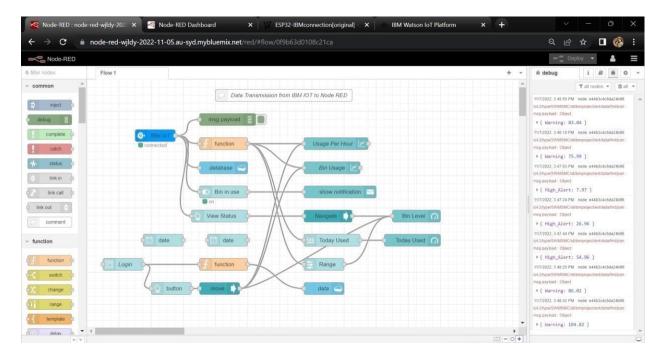
2.Simulate Wokwi connection to transmit data from wokwi account to IBM Watson IOT platform and then to Node Red dashboard.



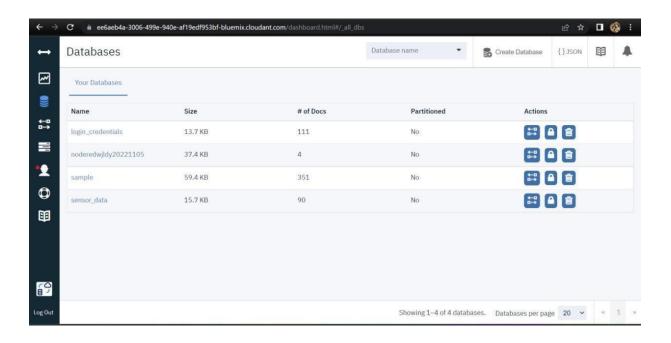
3. Data transfer to Watson IOT platform.

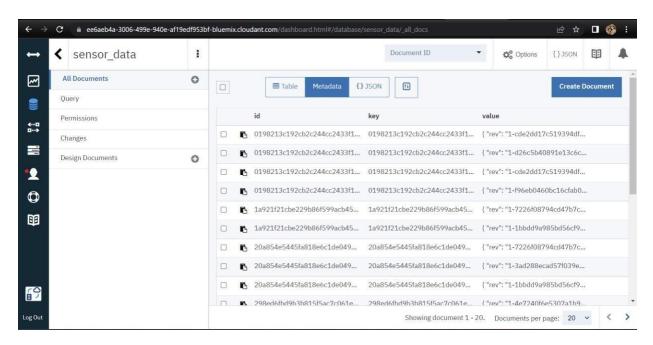


4.Data transfer from IBM Watson IOT platform and wokwi to Node red.



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
                                                                                                                                                 1
~
           Save Changes
                                                                                                              ● Upload Attachment C Clone Document 回 Delete
              "_id": "0198213c192cb2c244cc2433f1802b91",
              "_rev": "1-cde2dd17c519394dfeb774730c495f8b",
↓...□
              "topic": "iot-2/type/SWMSMC/id/ibmproject/evt/data/fmt/json",
             "payload": {
-
                "Warning!!": "244.97left"
1
              "deviceId": "ibmproject",
             "deviceType": "SWMSMC",
0
             "eventType": "data",
             "format": "json"
8
60
```