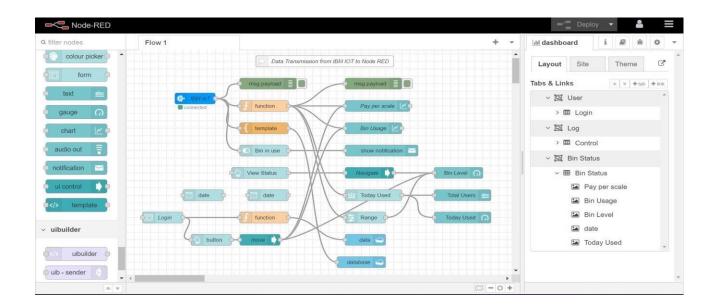
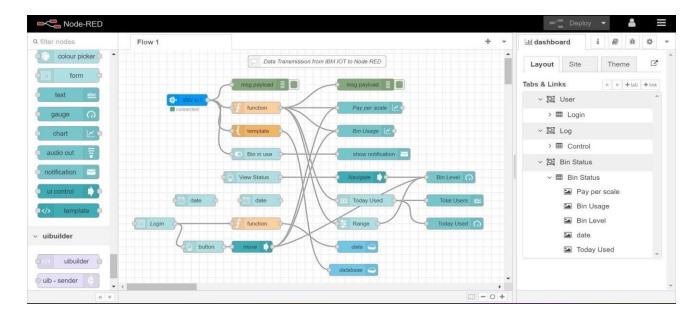
SPRINT 3
Node Red Connection to IBM Cloudant

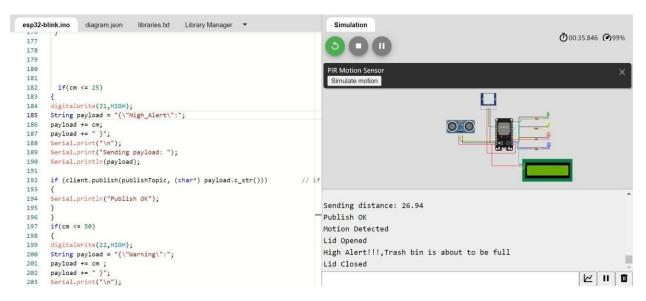
Date	8 November 2022		
Team ID	PNT2022TMID54350		
Project Name	Smart Waste Management System		
	for		
	Metropolitan Cities		

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

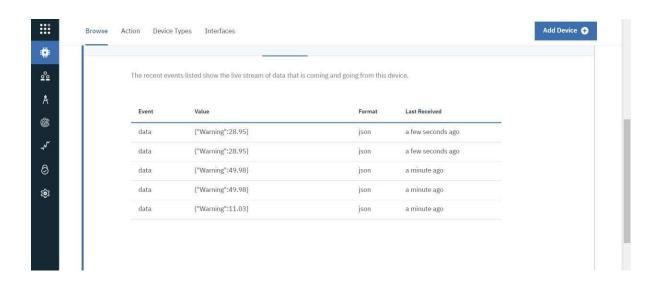




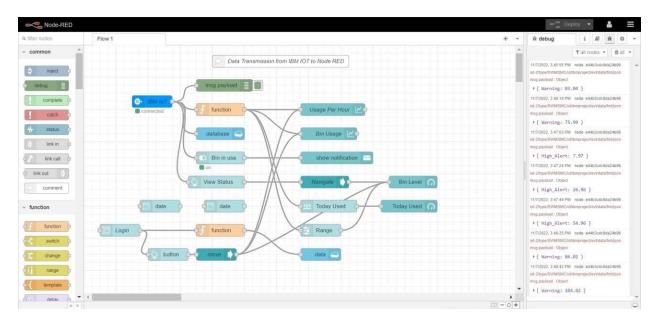
2. Simulate Wokwi connection to transmit data from wokwi account to IBM Watson IOT platform and then to Node Red dashboard.



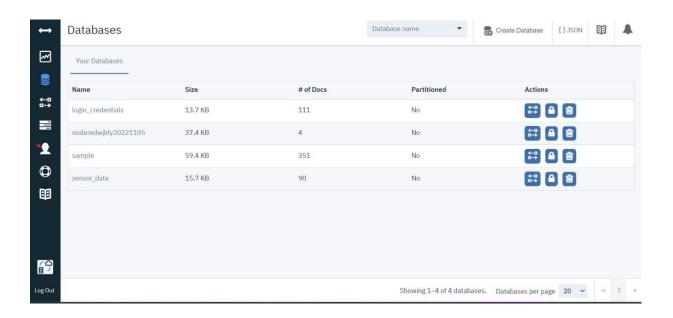
3. Data transfer to Watson IOT platform.

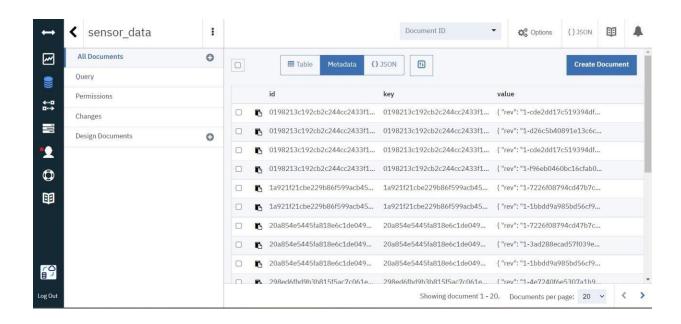


4. Data transfer from IBM Watson IOT platform and wokwi to Node red.



5. Storing database in IBM cloudant DB.





## 6.Data is stored in JSON format

```
sensor_data > 0198213c192cb2c244cc2433f1802b91
                                                                                                                                             {}JSON III 🜲
~
           Save Changes
                             Cancel

        O Upload Attachment
        C Clone Document
        □ Delete

              "_id": "0198213c192cb2c244cc2433f1802b91",
              "_rev": "1-cde2dd17c519394dfeb774730c495f8b",
4...
              "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
睴
6
```