## Delivery of Sprint – 3

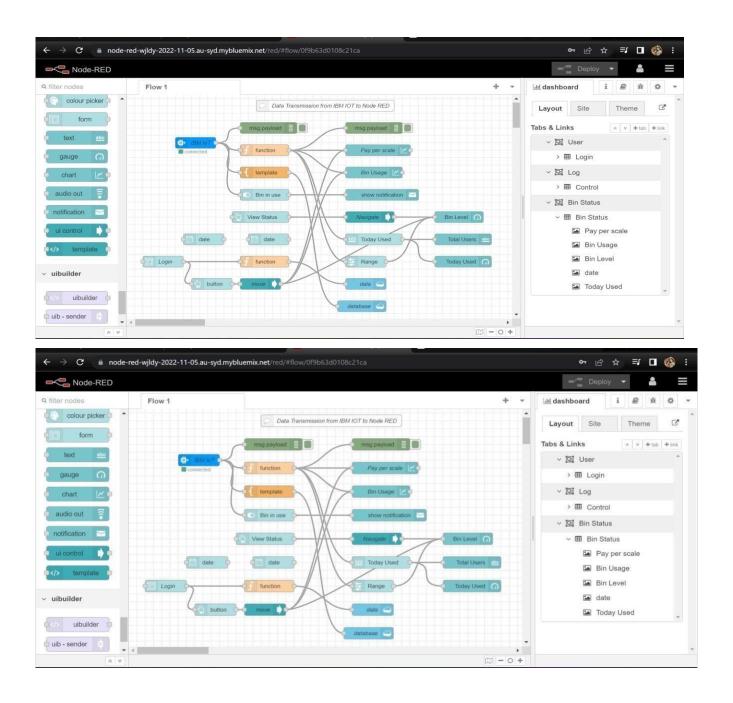
## Node Red Connection to IBM Cloudant

Date	17 October 2022		
Team ID	PNT2022TMID0 5219		
Project Name	Project – Smart Waste Management system for metropolitan cities		
Maximum Marks	4 Marks		

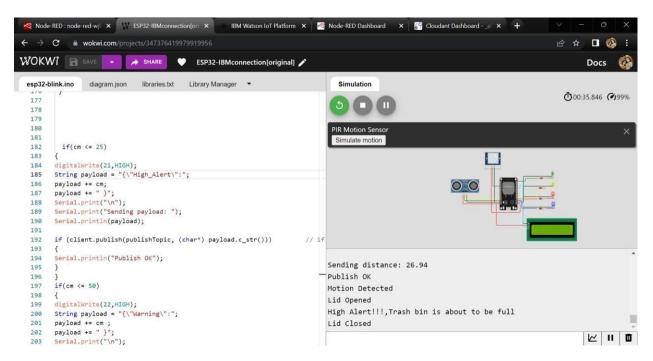
1. Node

-RED

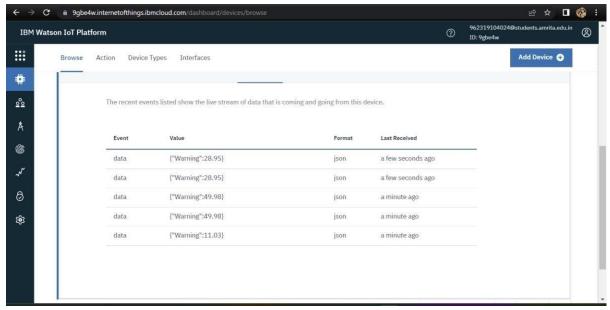
Connection setup for data transmission from IBM Watson IOTplatform to Node-REDdashboard.



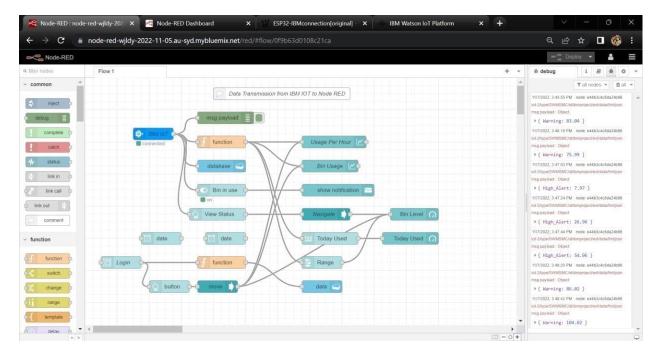
2.Simulate Wokwi connection to transmit data from wokwi account to IBM Watson IOT platform and then toNode Red dashboard.



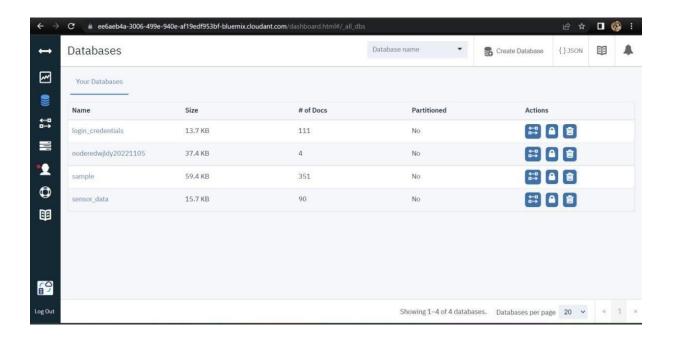
3. Data transfer to Watson IOT platform.

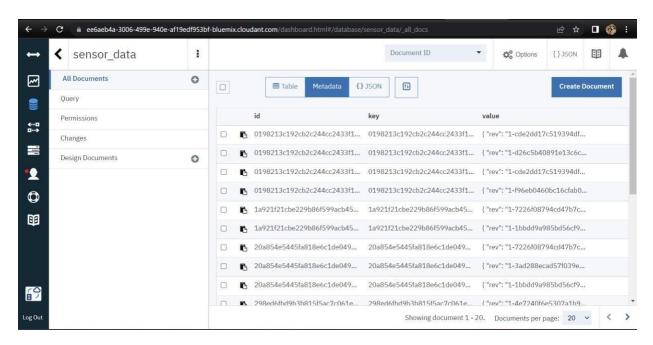


4.Data transfer from IBM Watson IOT platform and wokwi to Node red.



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
```