Delivery of Sprint – 4

Date	**10 Nov 2022**
Team ID	**PNT2022TMID50923**
Project Name	**Smart Waste Management System For Metropolitan Cities**

Node-RED Connection setup for data transmission from IBM Watson IOT platform to Node-RED dashboard
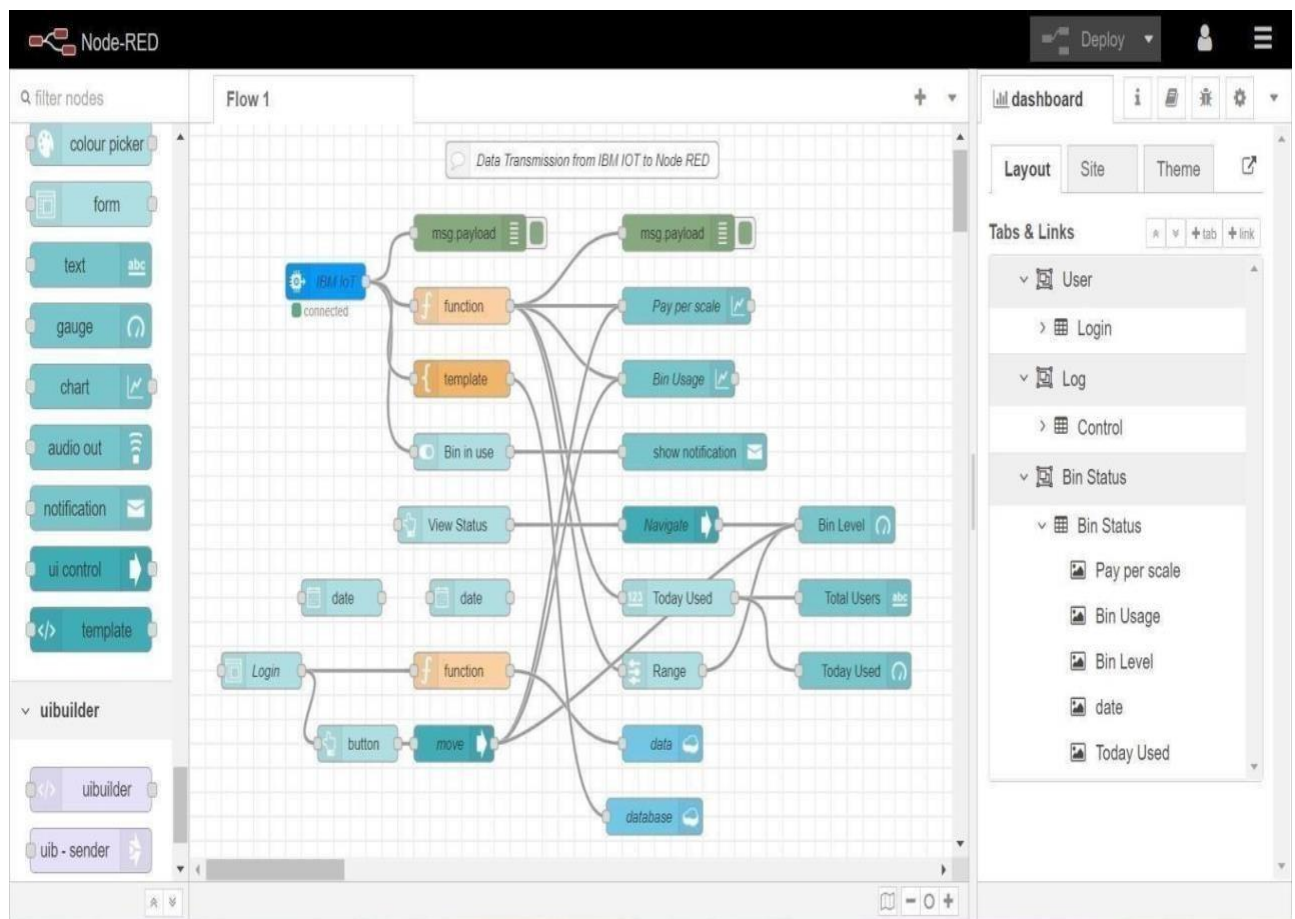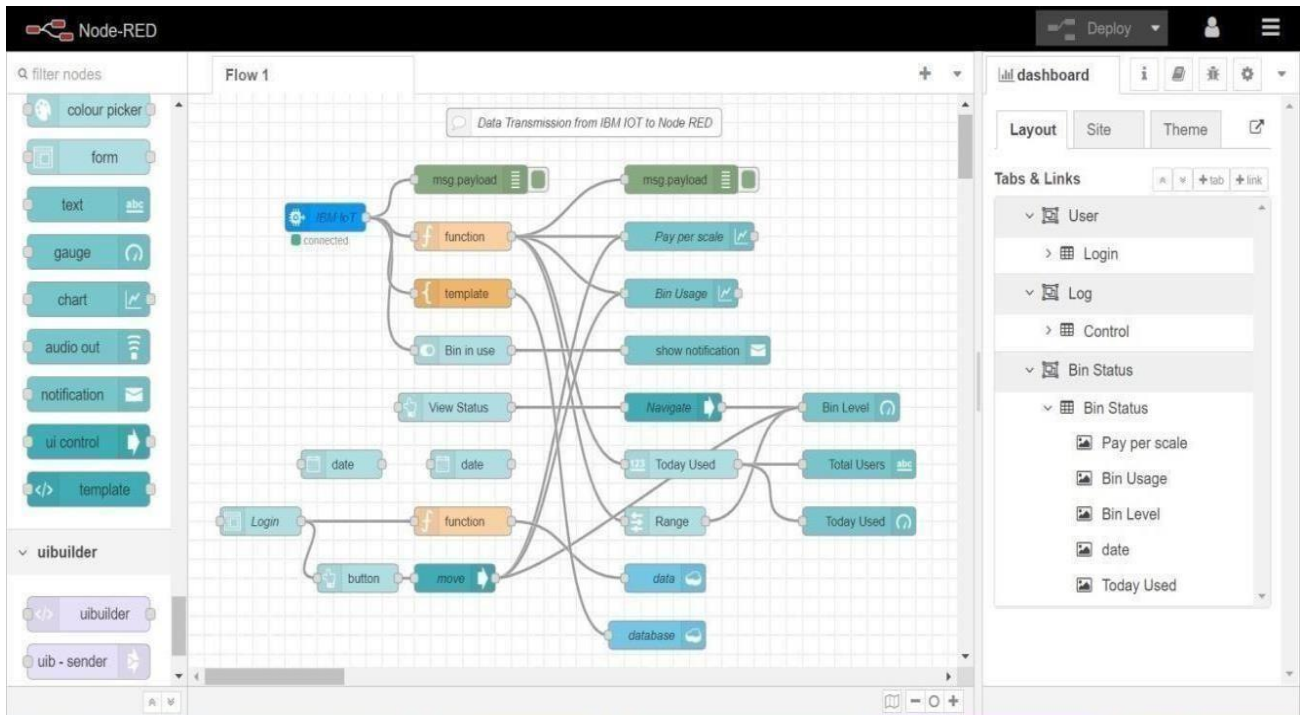
Simulate Wokwi connection to transmit data from wokwi account to IBM WatsonIOT platform and then to Node Red dashboard

Data transfer to Watson IOT platform

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

Storing database in IBM cloudant DB

Data is stored in JSON format

```json
{
  "_id": "0198213c192cb2c244cc2433f1802b91",
  "_rev": "1-cde2dd17c519394dfeb774730c495f8b",
  "topic": "iot-2/type/SWMSMC/id/ibmproject/evt/data/fmt/json",
  "payload": {
    "Warning!!": "244.97left"
  },
  "deviceId": "ibmproject",
  "deviceType": "SWMSMC",
  "eventType": "data",
  "format": "json"
}
```

Bin Status

Bin Level

200

150

100

50

0

iot-2/type/SWMSMC/id/ibmproject/evt/data/fmt/json

Today Used

iot-2/type/SWMSMC/id/ibmproject/evt/data/fmt/json

100

75

50

25

0

6/11 6/11 6/11 6/11 6/11 6/11

Bin Level

27

0   gallons   100

date 📅 06/11/2022

Today Used

27gallons