Delivery of Sprint – 4

Date	**November 10 2022**
Team ID	**PNT2022TMID16061**
Project Name	**Smart Waste Management for Metropolitan Cities**

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

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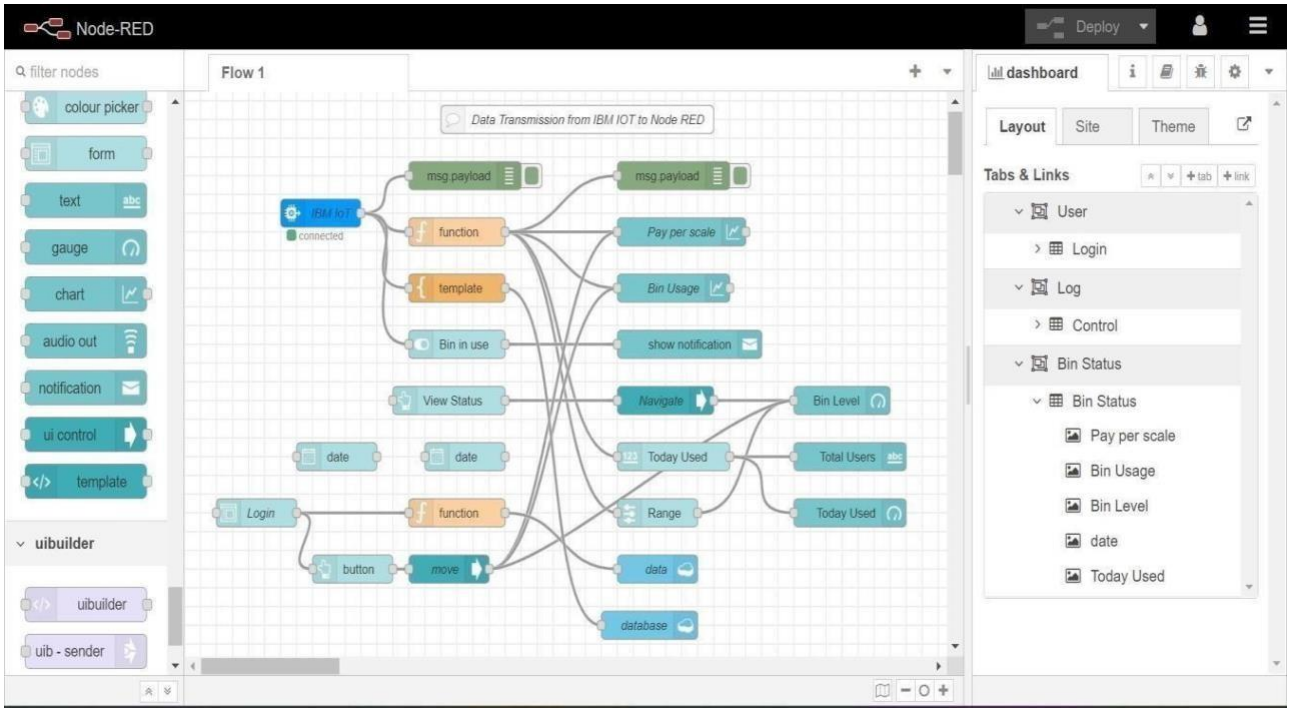
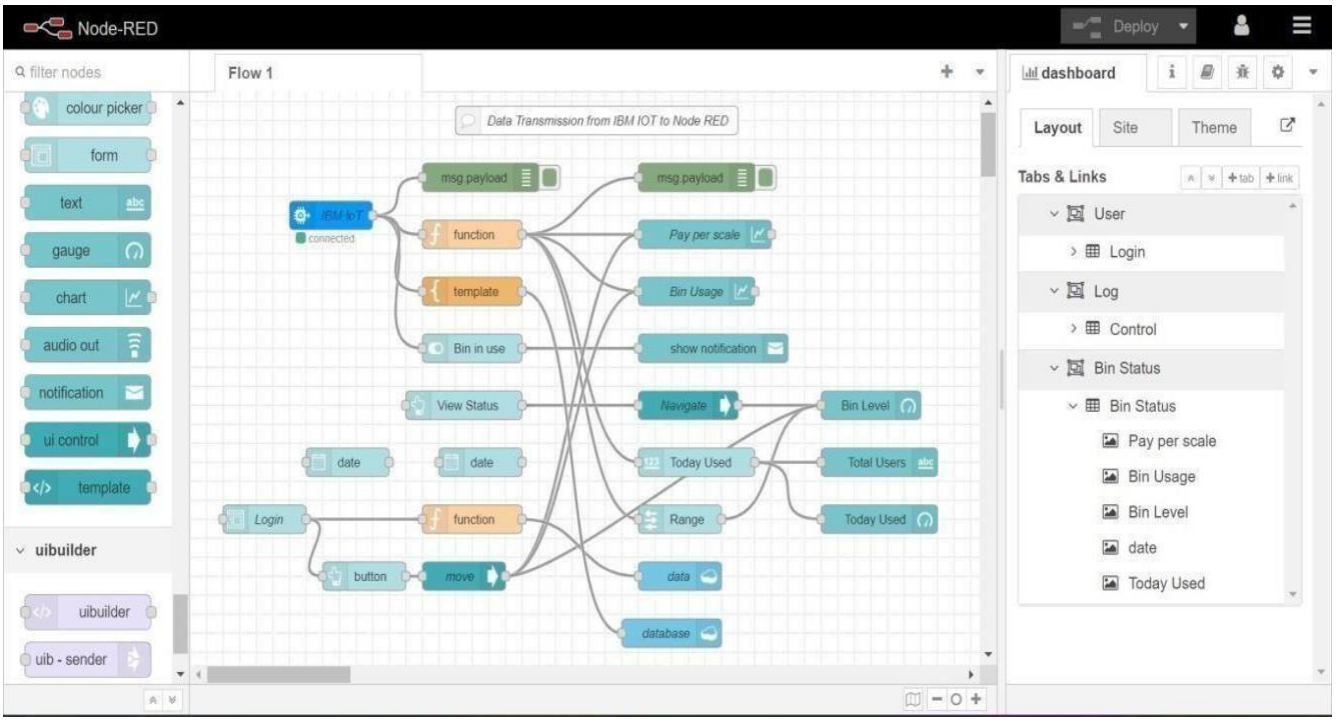
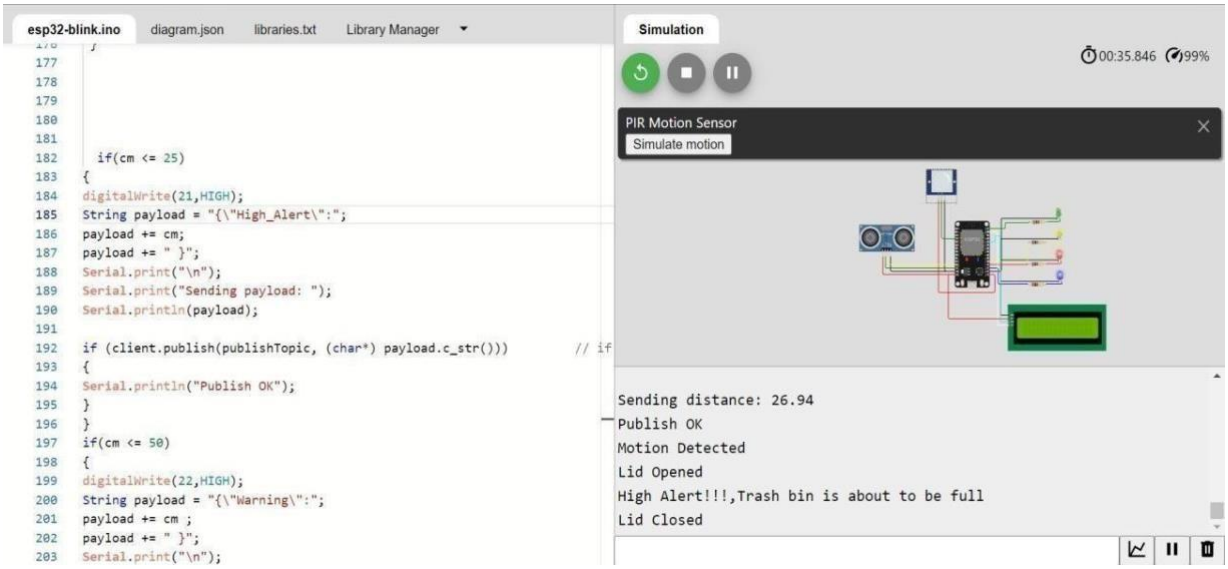
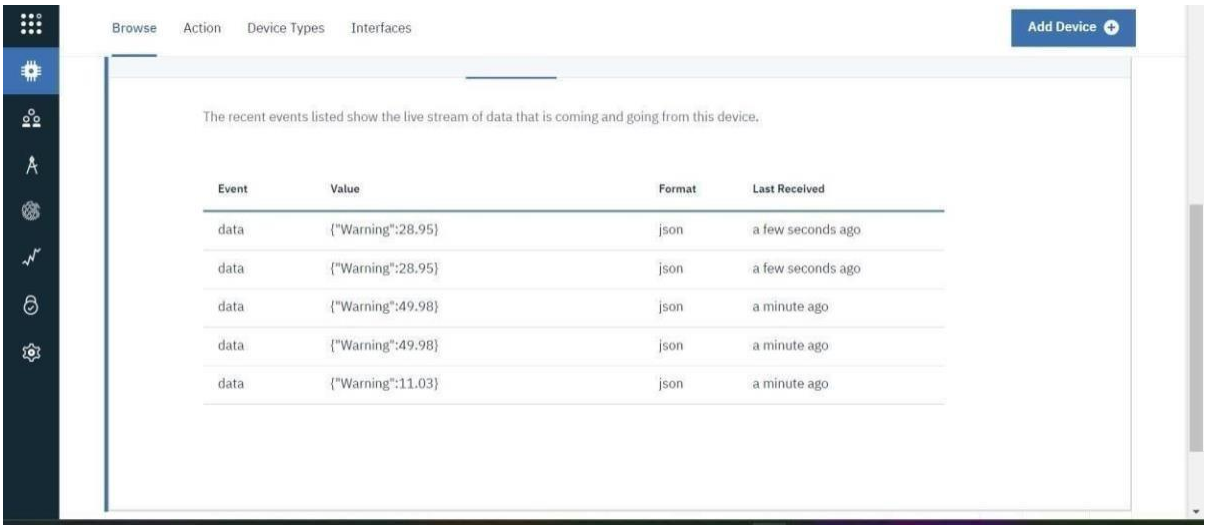




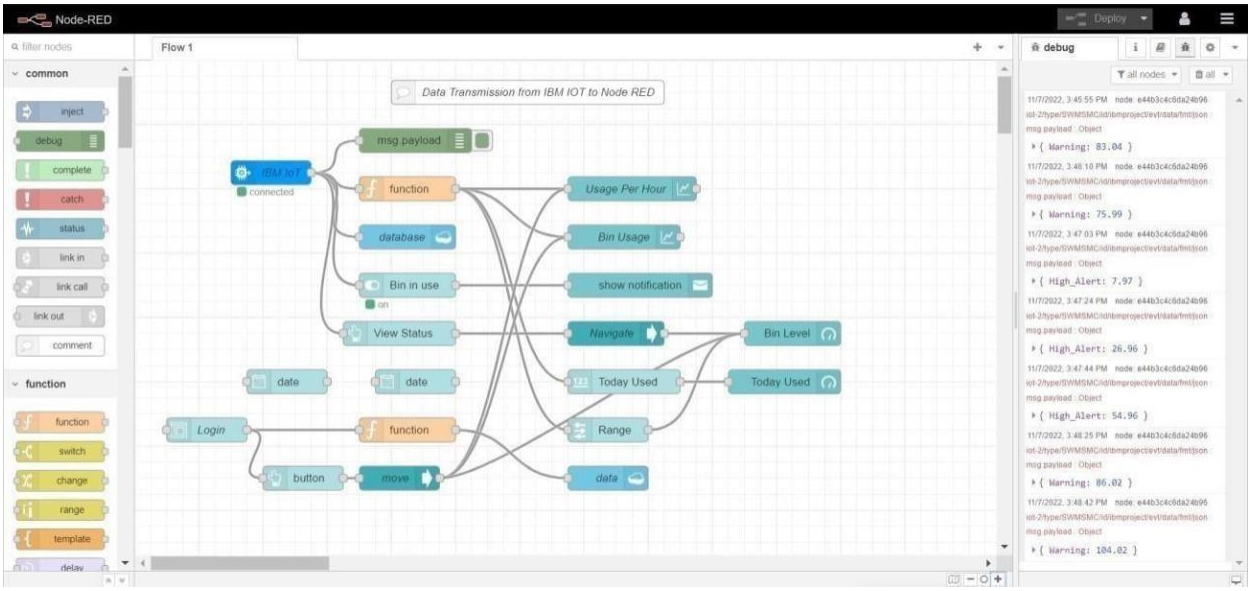
2. Simulate Wokwi connection to transmit data from wokwi account to IBM Watson IOT platform and then to Node Red dashboard.



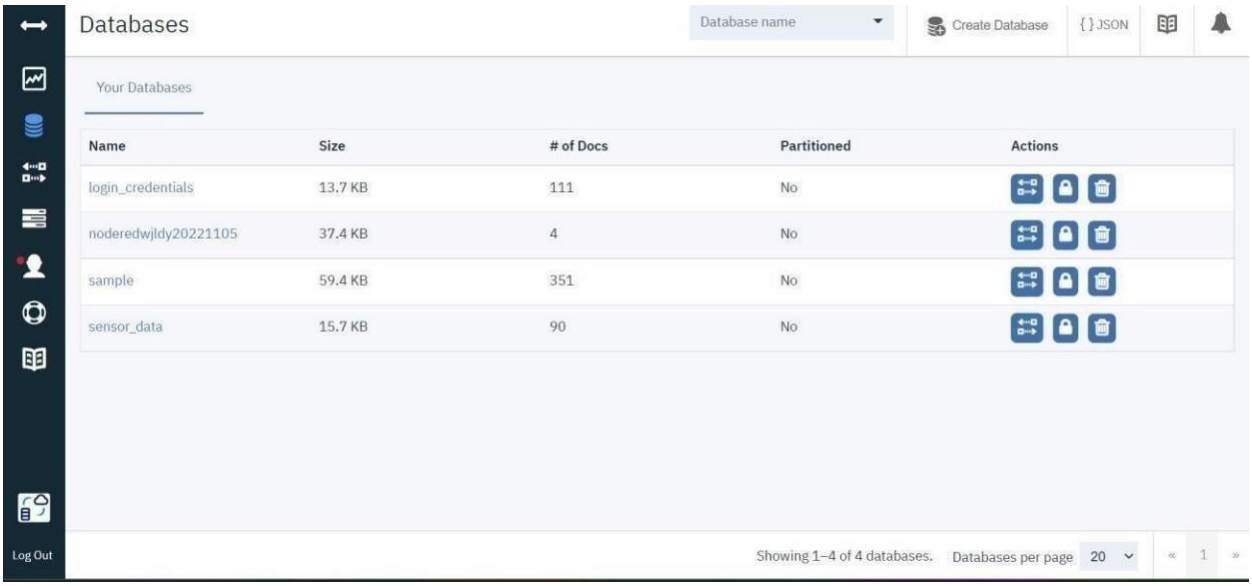
3. Data transfer to Watson IOT platform.

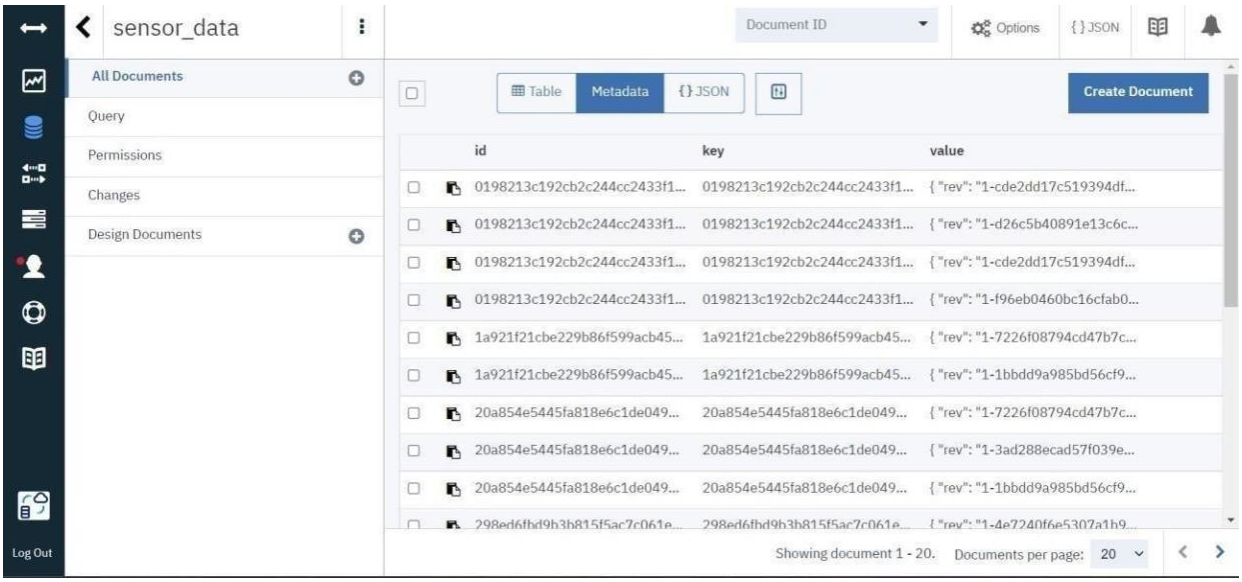


4. Data transfer from IBM Watson IOT platform and wokwi to Node red.

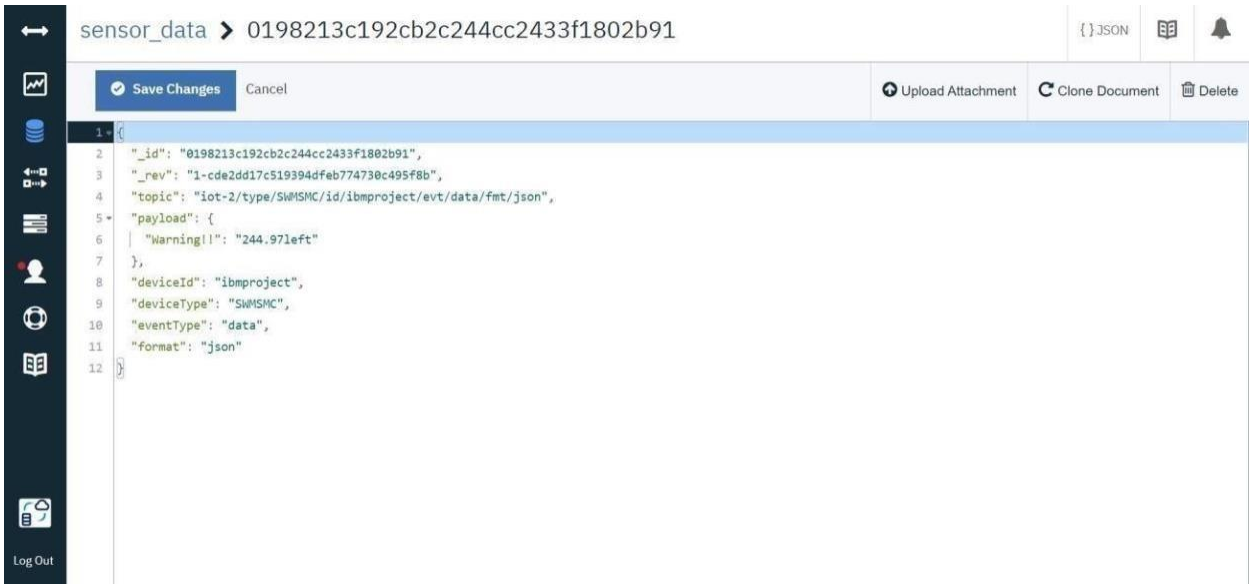


5 . Storing database in IBM cloudant DB.

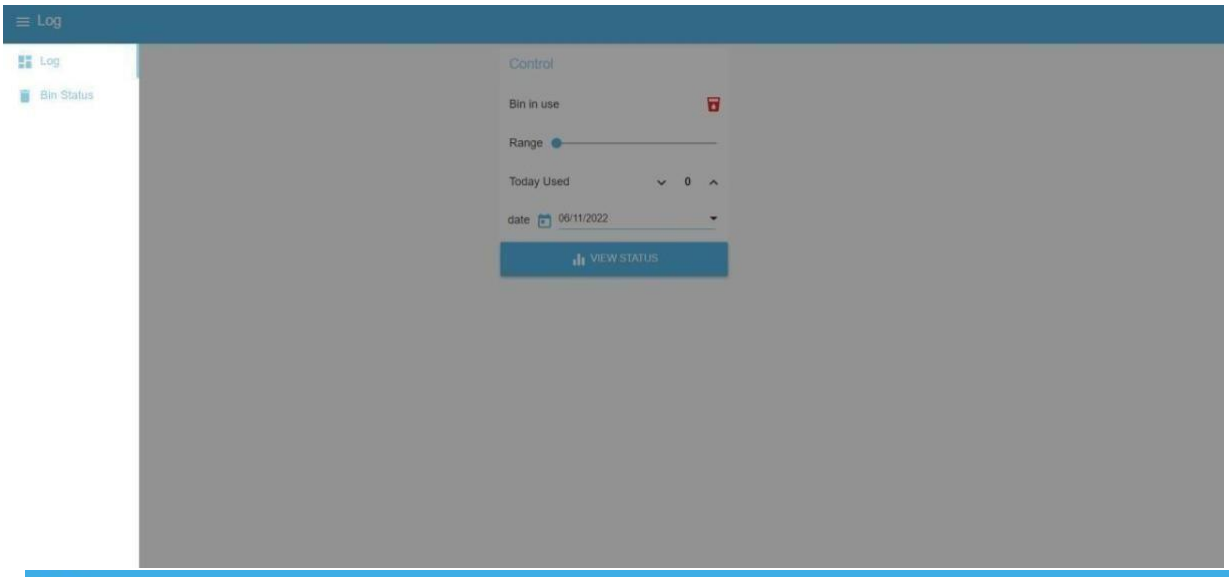




6. Data is stored in JSON format



7. Web UI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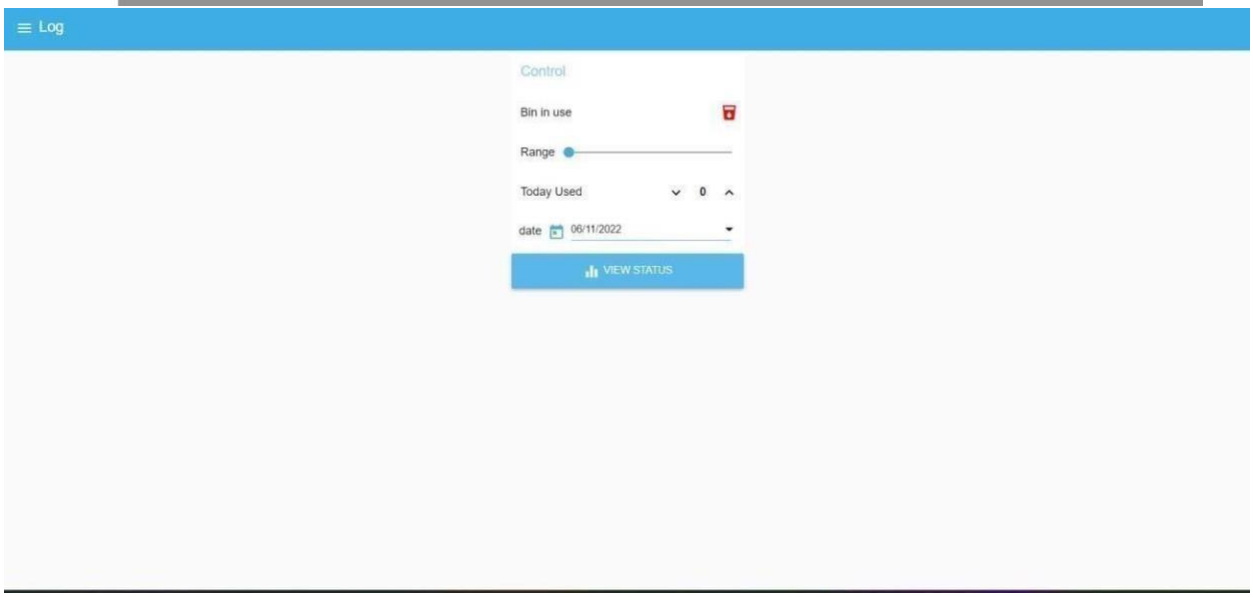
Log
Bin Status
Control
Bin in use
Range
Today Used
0
date
06/11/2022
VIEW STATUS


Log
Control
Bin in use
Range
Today Used
0
date
06/11/2022
VIEW STATUS

Bin Status
Bin Status
Bin Level
Today Used
Bin Level
200
150
100
50
0
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
6/11
27
gallons
0
100
date
06/11/2022
Today Used
27gallons