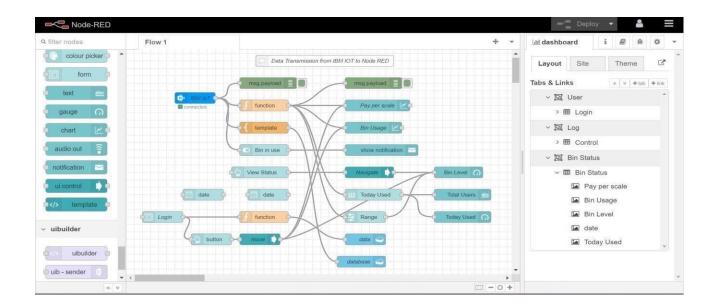
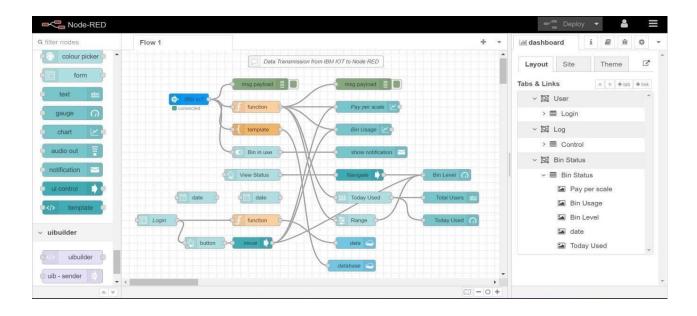
PROJECT DEVELOPMENT PHASE SPRINT 4

Node Red Connection With Wokwi setup to IBM DB in Cloudant

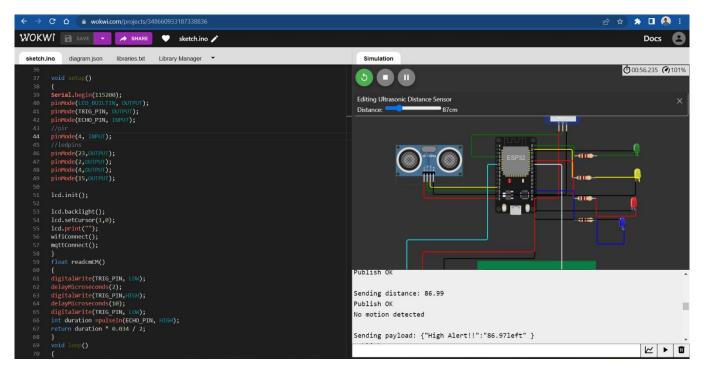
Date	15 November 2022
Team ID	PNT2022TMID04392
Project Name	Smart Waste Management System for Metropolitan Cities

1. Node-RED Connection Design for project model by flowing the detail from one bin to the user for usage of that each bin by showing alert message and data flow from IBM Watson Platform to Node-RED Setup.

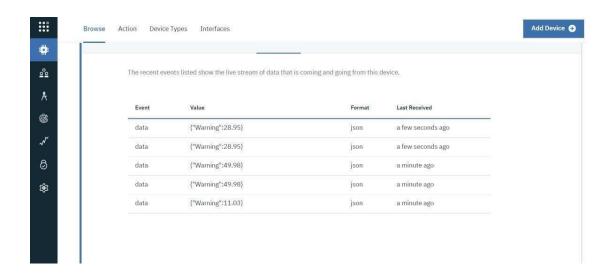




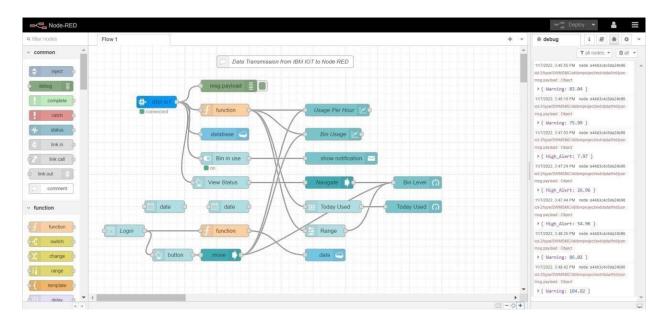
2. Simulate Wokwi Simulator to transmit data from Wokwi account to IBM IOT platform and then to Node Red Setup Dashboard for Detail of project design from each bin to the sensor for user Reference.



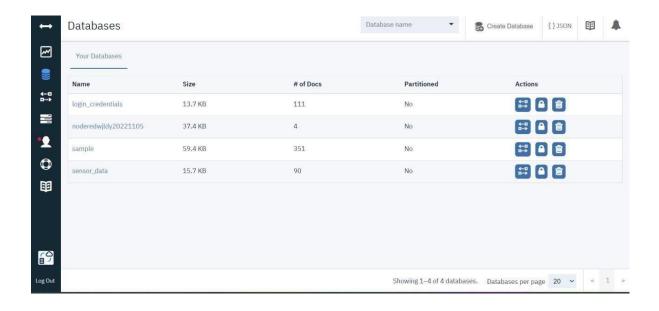
3. Data Values Display to IBM Cloud Account from Wokwi Simulation:

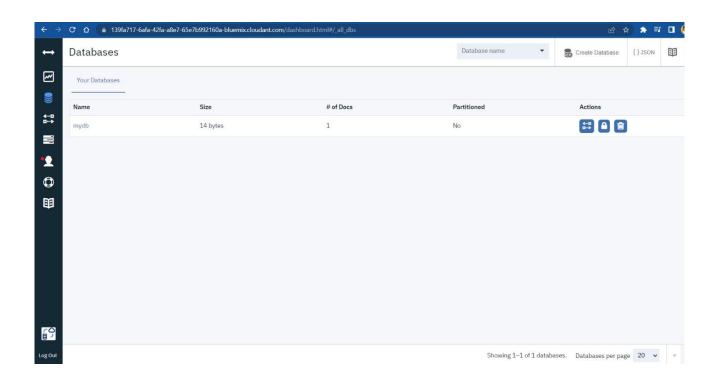


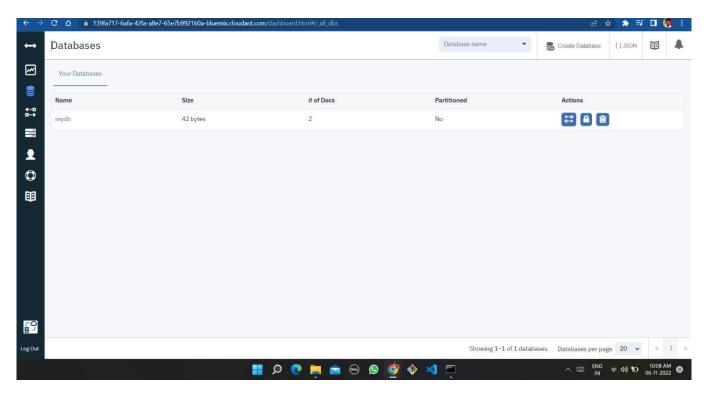
4. Data transfer from IBM Watson IOT platform and wokwi to Node red.

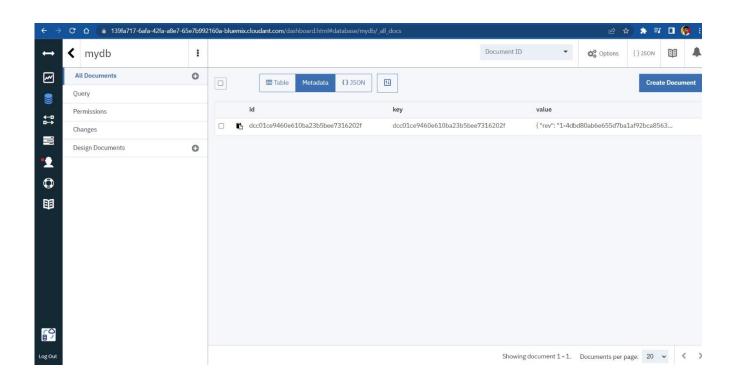


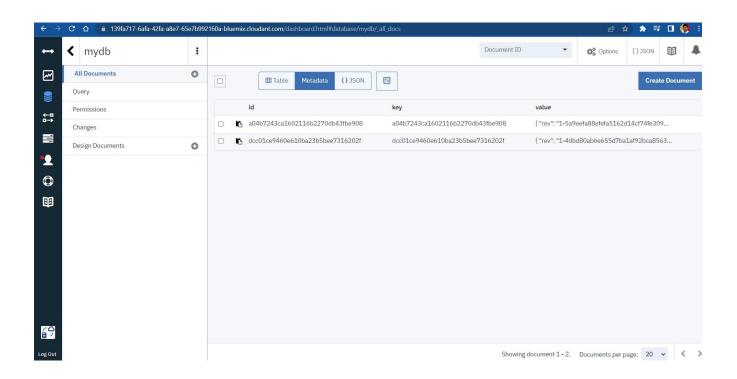
5. Storing database in IBM cloudant DB.

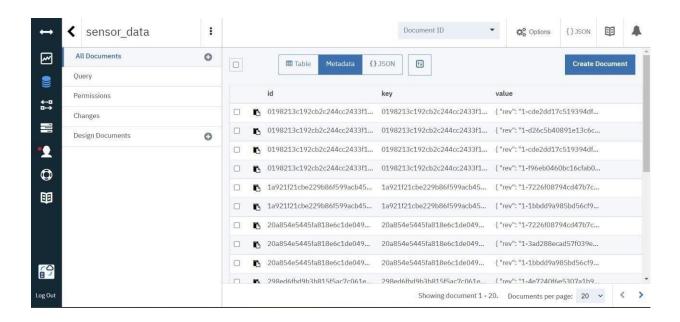






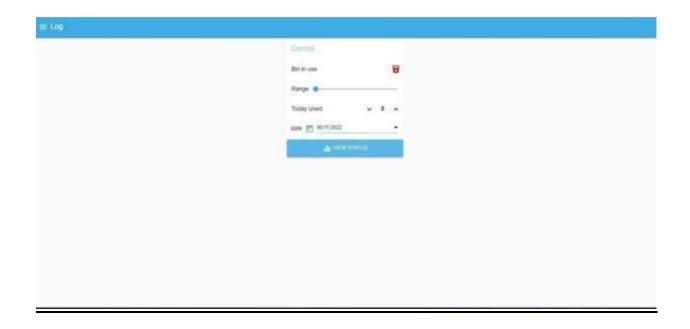






6. Data In JSON format and Credentials For Wokwi Connection using Node Red Setup:







PYTHON CODE WITH SENSOR CONNECTION IN WOKWI LINK:

https://wokwi.com/projects/348861592195039828