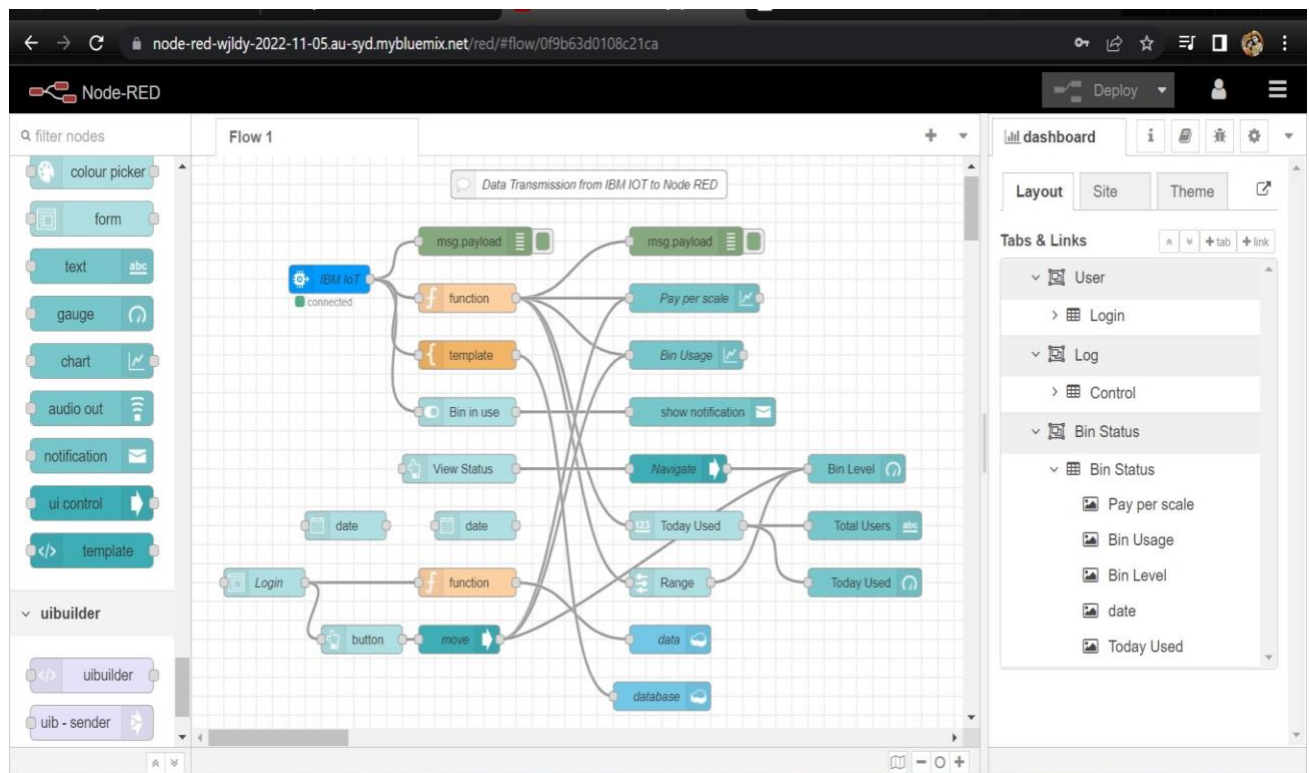


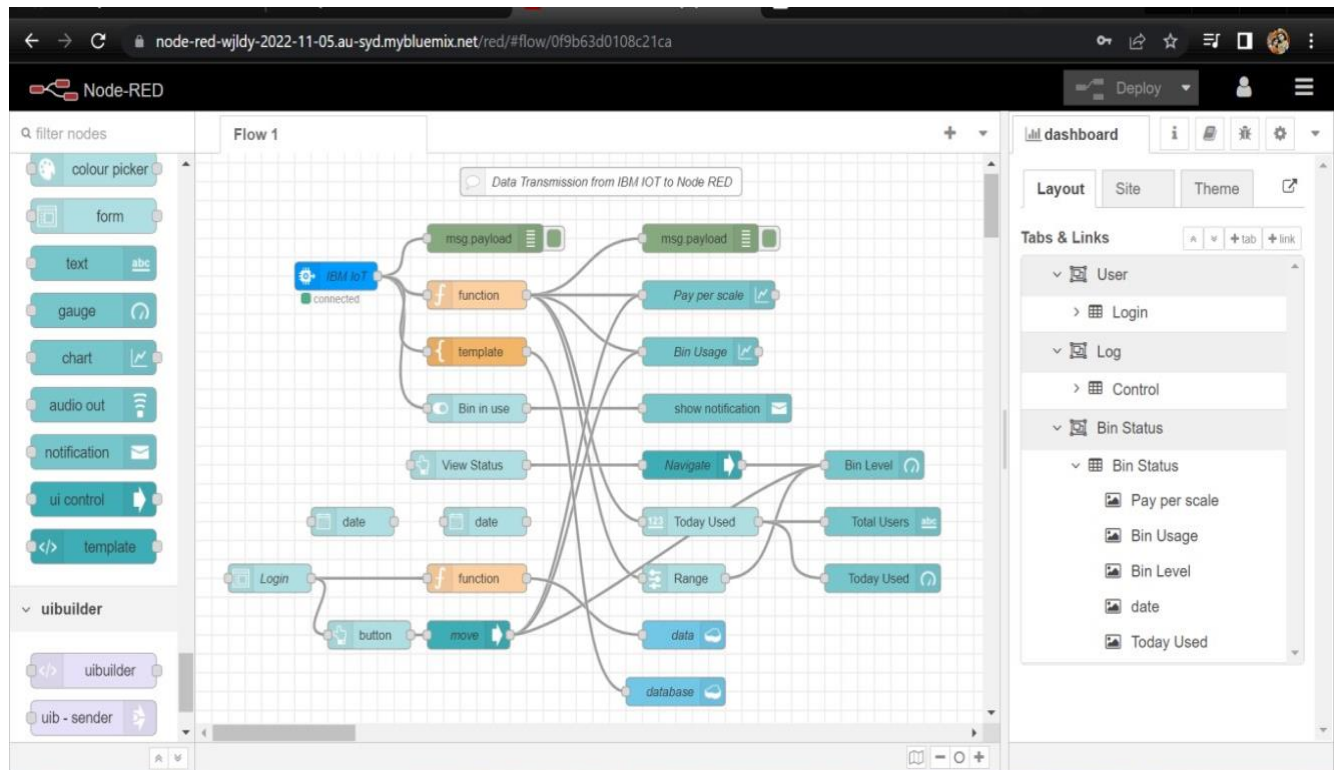
Sprint – 4

Web UI Design and Deploy

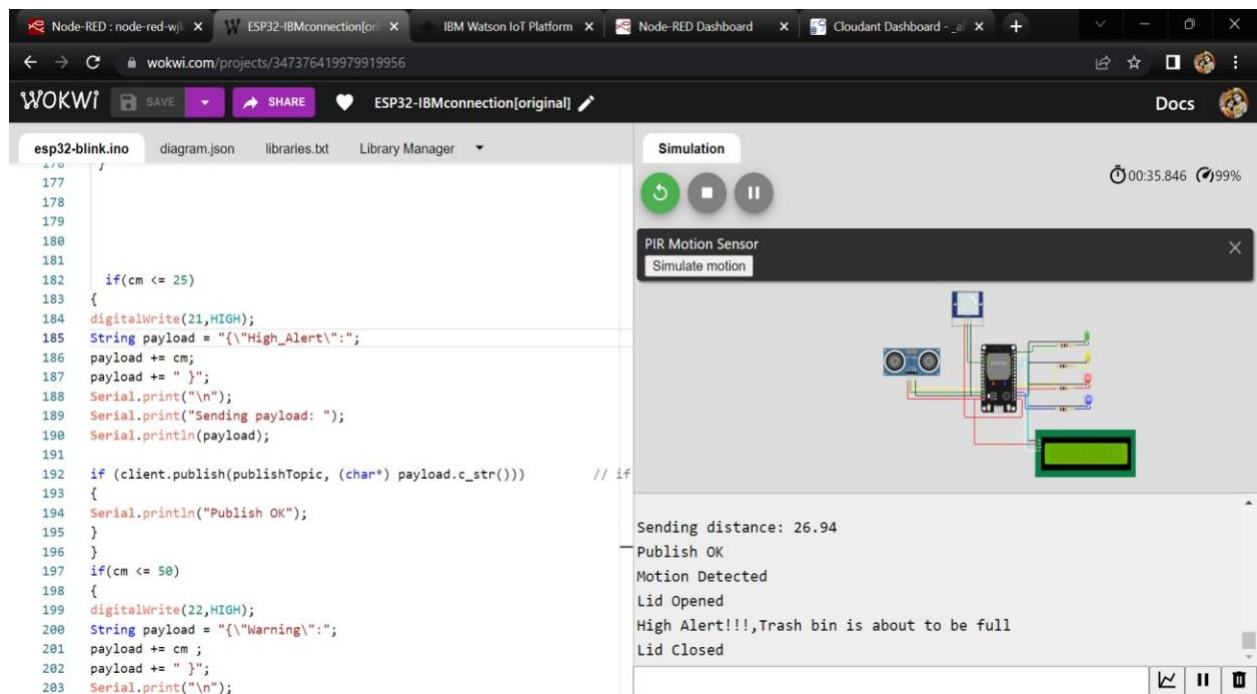
Date	5 November 2022
Team ID	PNT2022TMID28956
Project Name	Smart Waste Management for Metropolitan Cities - IOT

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.

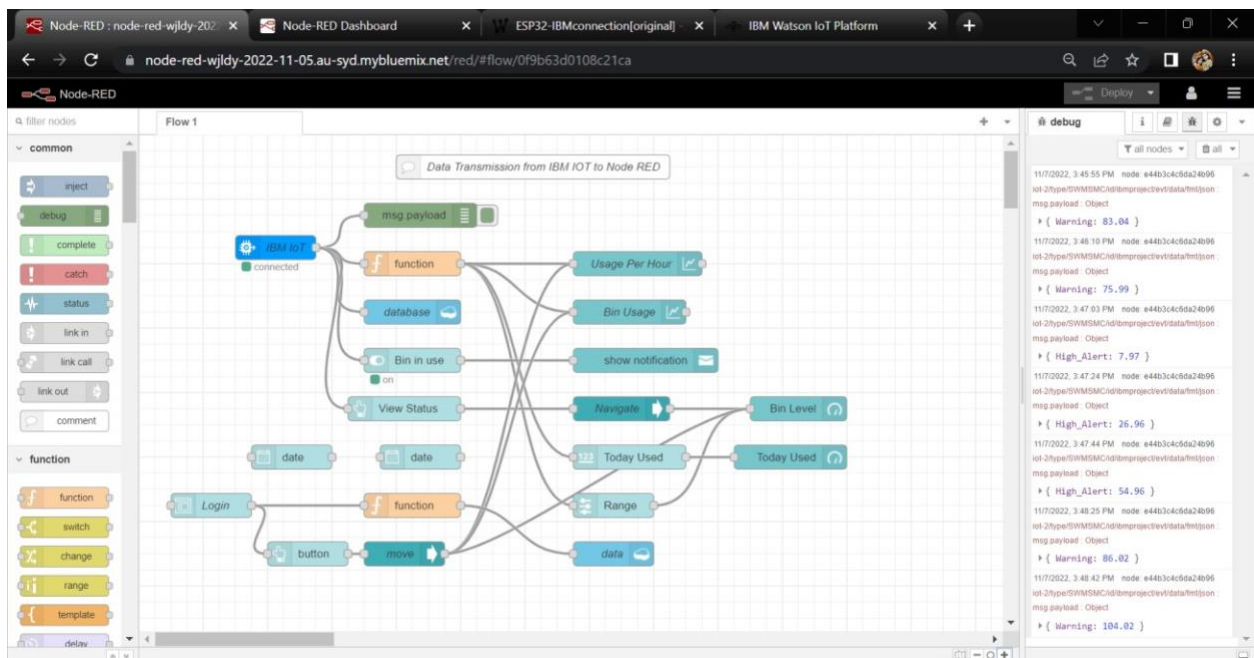


3. Data transfer to Watson IOT platform.

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
data	{"Warning":28.95}	json	a few seconds ago
data	{"Warning":28.95}	json	a few seconds ago
data	{"Warning":49.98}	json	a minute ago
data	{"Warning":49.98}	json	a minute ago
data	{"Warning":11.03}	json	a minute ago

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



5 . Storing database in IBM cloudant DB.

← → ee6aeb4a-3006-499e-940e-af19edf953bf-bluemix.cloudant.com/dashboard.html#/all_dbs

Databases

Database name ▼ Create Database { } JSON 🔔

Your Databases

Name	Size	# of Docs	Partitioned	Actions
login_credentials	13.7 KB	111	No	🔍 🔒 🗑️
noderedwjldy20221105	37.4 KB	4	No	🔍 🔒 🗑️
sample	59.4 KB	351	No	🔍 🔒 🗑️
sensor_data	15.7 KB	90	No	🔍 🔒 🗑️

Showing 1–4 of 4 databases. Databases per page: 20 « 1 »

Log Out

← → ee6aeb4a-3006-499e-940e-af19edf953bf-bluemix.cloudant.com/dashboard.html#/database/sensor_data/_all_docs

sensor_data

Document ID ▼ Options { } JSON 🔔

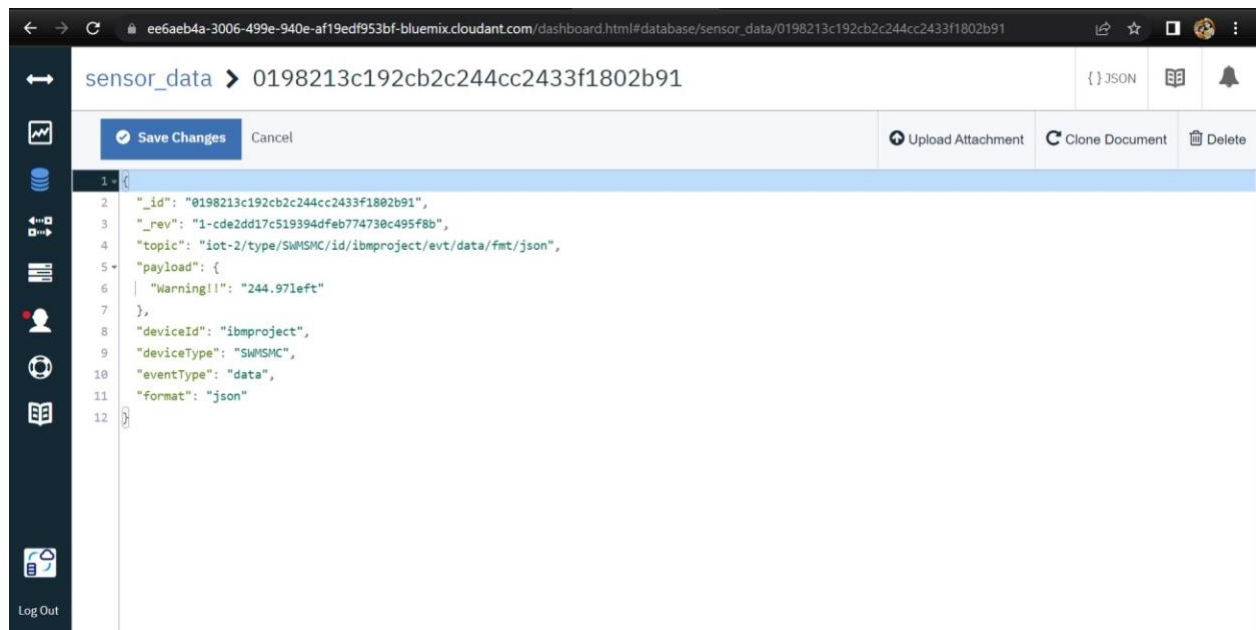
All Documents + Table Metadata { } JSON 🗑️ Create Document

	id	key	value
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Showing document 1 - 20. Documents per page: 20 < >

Log Out

6. Data is stored in JSON format



7. Web UI

