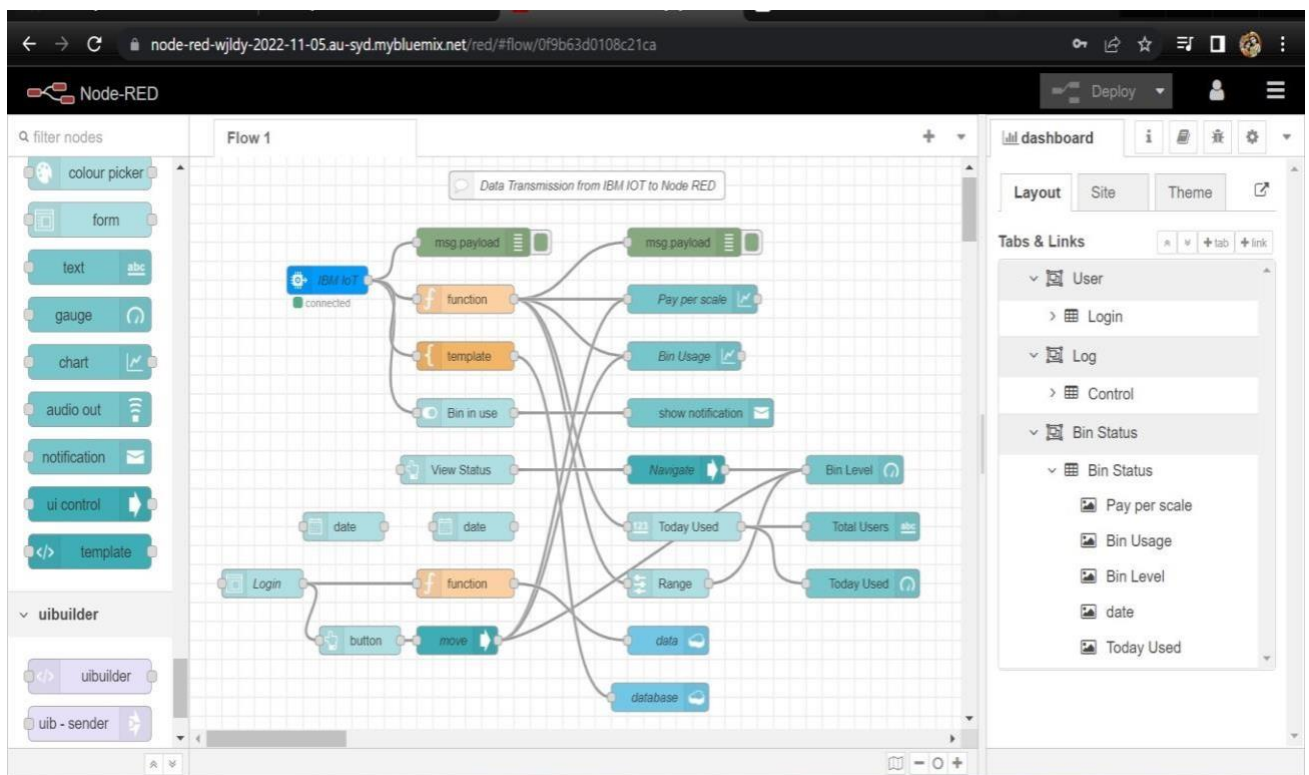
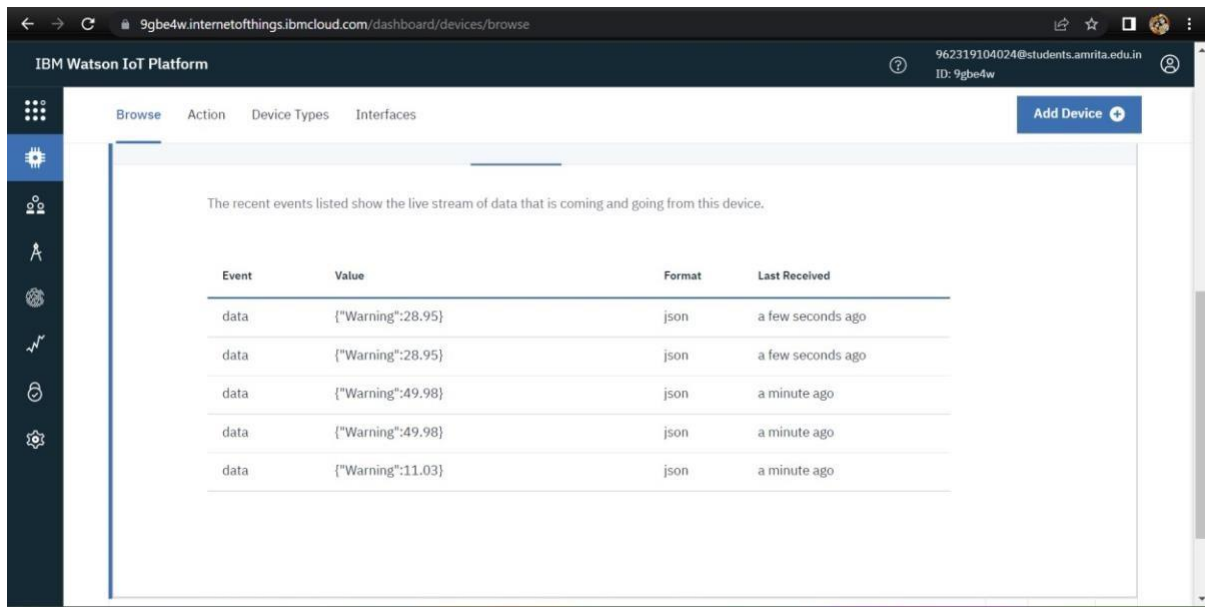


Web UI Design and Deploy

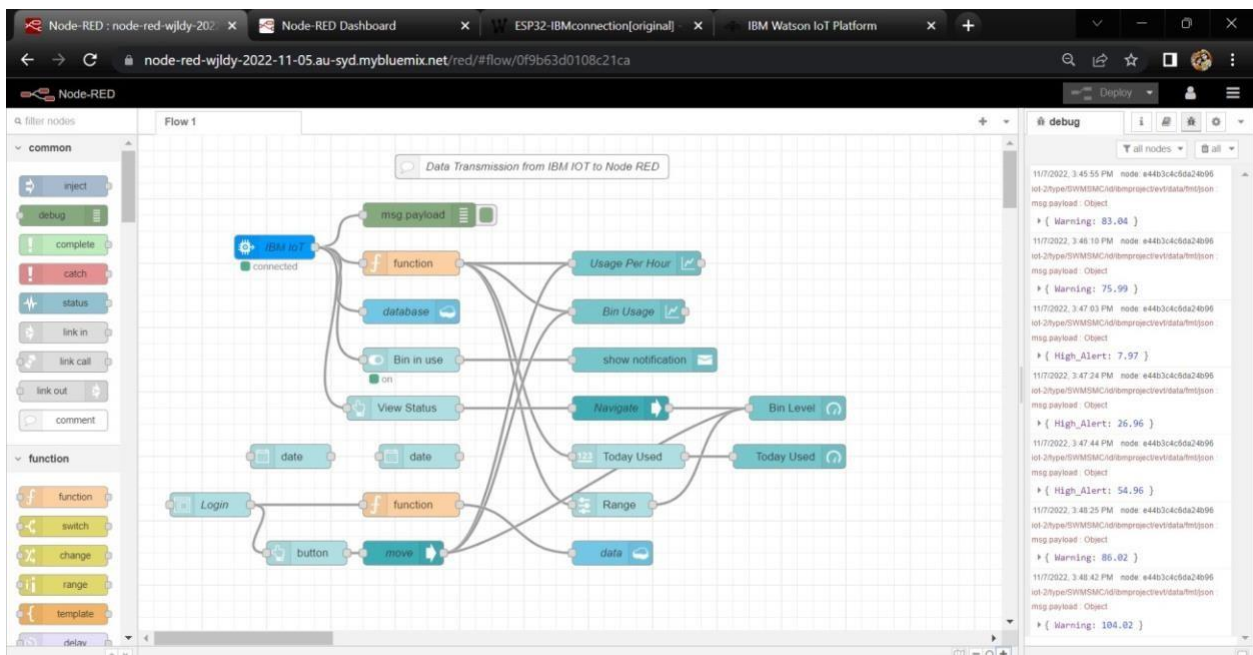
Date	5 November 2022
Team ID	PNT2022TMID28956
Project Name	Smart Waste Management for Metropolitan Cities - IOT

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





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	🔍 🔒 🗑️
noderedwjlidy20221105	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 +











Query

Permissions

Changes

Design Documents +

🗑️ Table Metadata { } JSON 🗑️ Create Document

	id	key	value
<input type="checkbox"/>	 0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{ "rev": "1-cde2dd17c519394df..." }
<input type="checkbox"/>	 0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{ "rev": "1-d26c5b40891e13c6c..." }
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<input type="checkbox"/>	 20a854e5445fa818e6c1de049...	20a854e5445fa818e6c1de049...	{ "rev": "1-3ad288ecad57f039e..." }
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Showing document 1 - 20. Documents per page: 20 « »

Log Out

6. Data is stored in JSON format

ee6aeb4a-3006-499e-940e-af19edf953bf-bluemix.cloudant.com/dashboard.html#database/sensor_data/0198213c192cb2c244cc2433f1802b91

sensor_data > 0198213c192cb2c244cc2433f1802b91

Save Changes Cancel Upload Attachment Clone Document Delete

```
1-
2  {
3    "_id": "0198213c192cb2c244cc2433f1802b91",
4    "_rev": "1-cde2dd17c519394dfeb774730c495f8b",
5    "topic": "iot-2/type/SWMSMC/id/ibmproject/evt/data/fmt/json",
6    "payload": {
7      | "Warning!!": "244.97left"
8    },
9    "deviceId": "ibmproject",
10   "deviceType": "SWMSMC",
11   "eventType": "data",
12   "format": "json"
13 }
```

Log Out


7. Web UI


node-red-wjldy-2022-11-05-syd.mybluemix.net/ui/#/0?socketid=mTvmznb19ri5aUmAACX



Log



Log Bin Status


Control

Bin in use 

Range 

Today Used  0 

date  06/11/2022 

 VIEW STATUS

