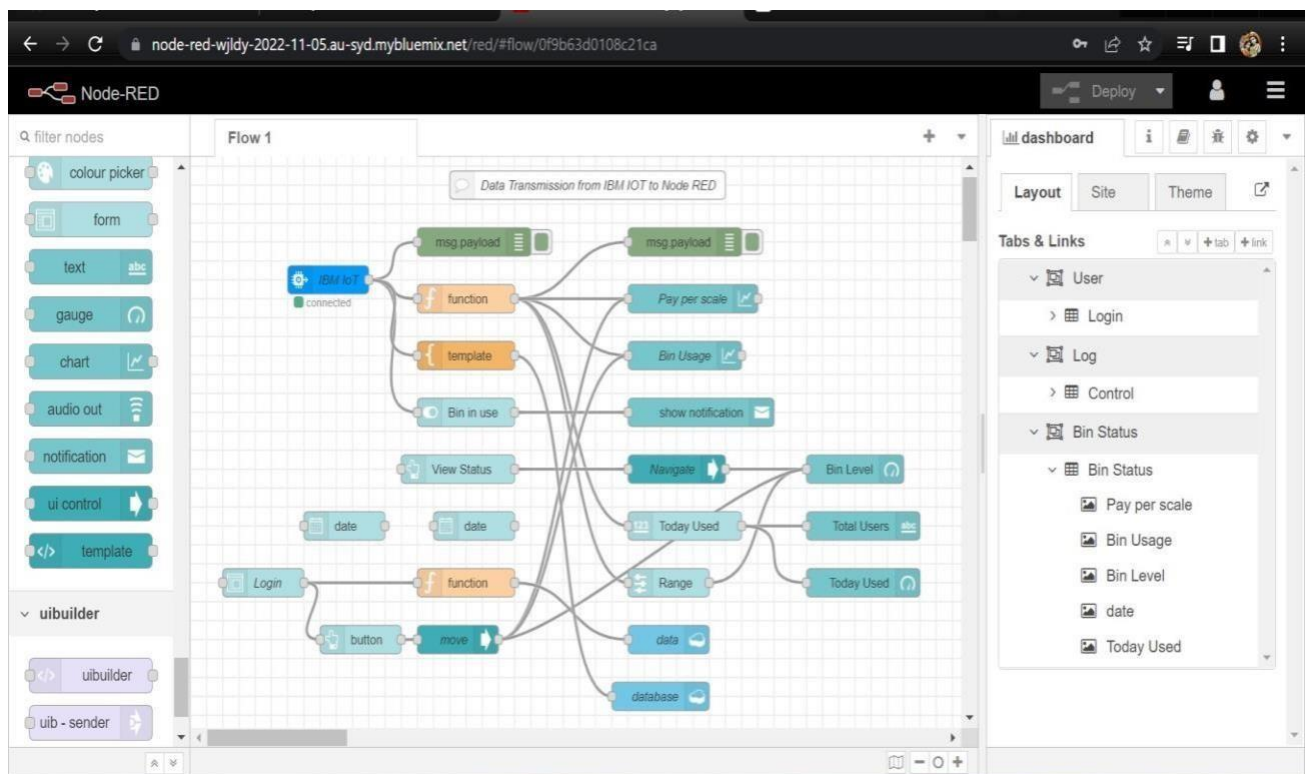


Delivery of Sprint – 4

Web UI Design and Deploy

Date	5 November 2022
Team ID	PNT2022TMID31482
Project Name	Smart Waste Management for Metropolitan Cities - IOT

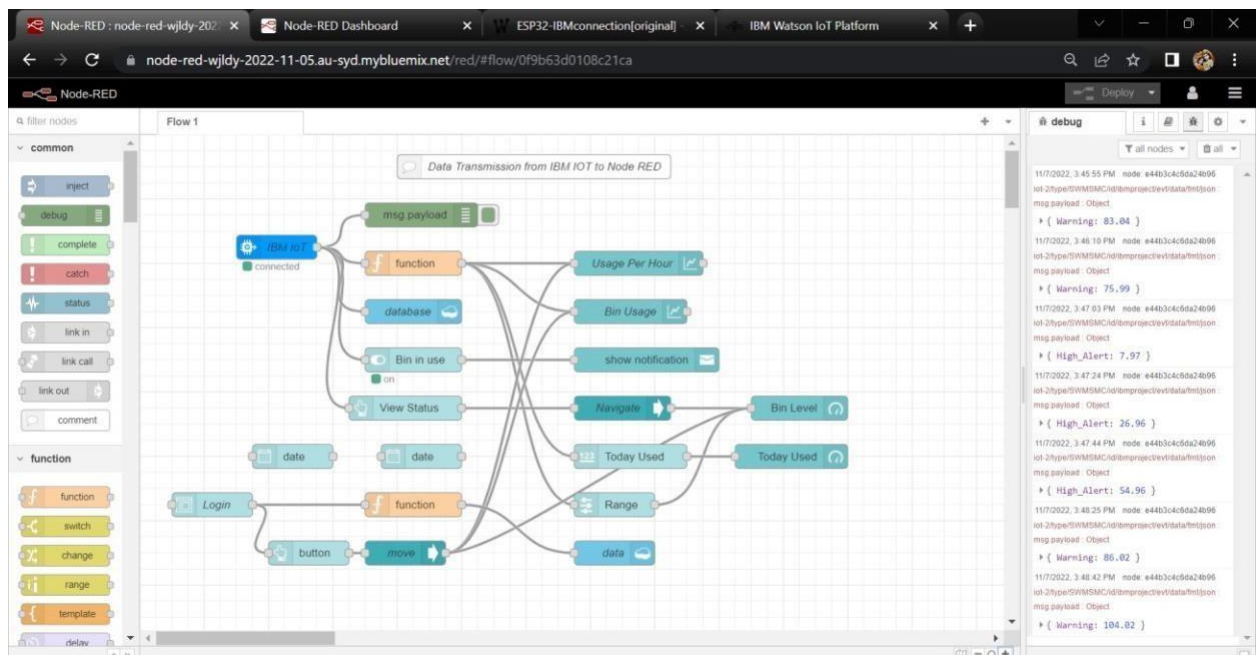
1. Node-RED Connection setup for data transmission from IBM Watson IOT platform to Node-RED dashboard.



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 +

Query

Permissions

Changes

Design Documents +

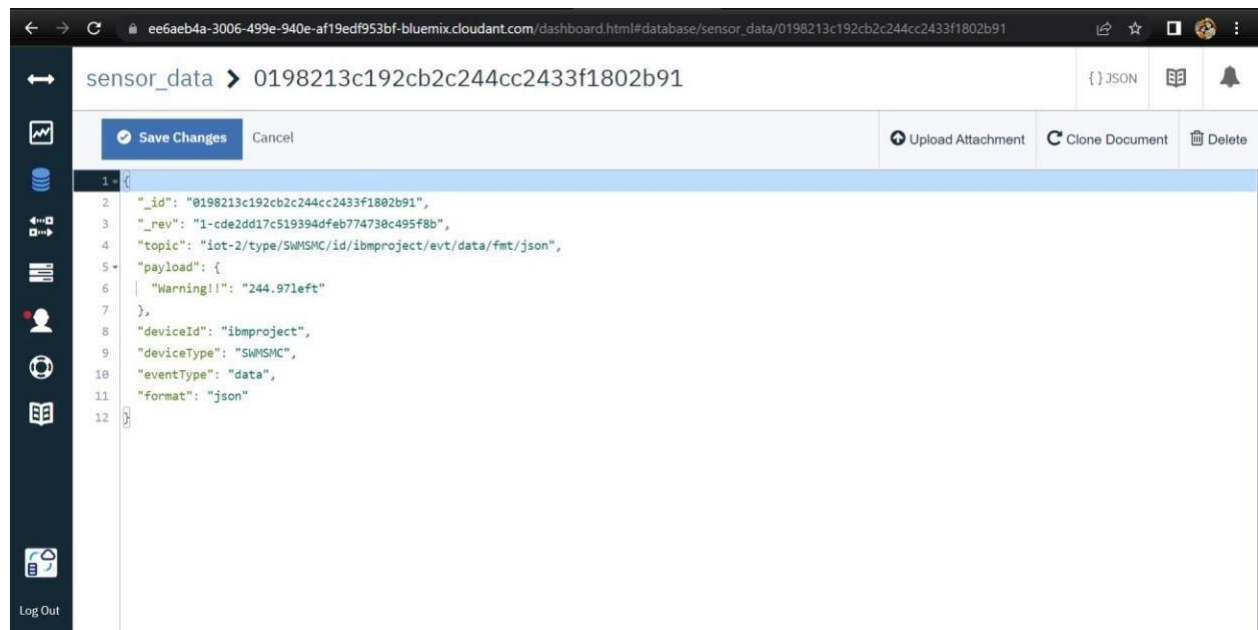
Table Metadata { } JSON 📄 Create Document

	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": "1-7226f08794cd47b7c..." }
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Showing document 1 - 20. Documents per page: 20 < >

Log Out

6. Data is stored in JSON format



7. Web UI

