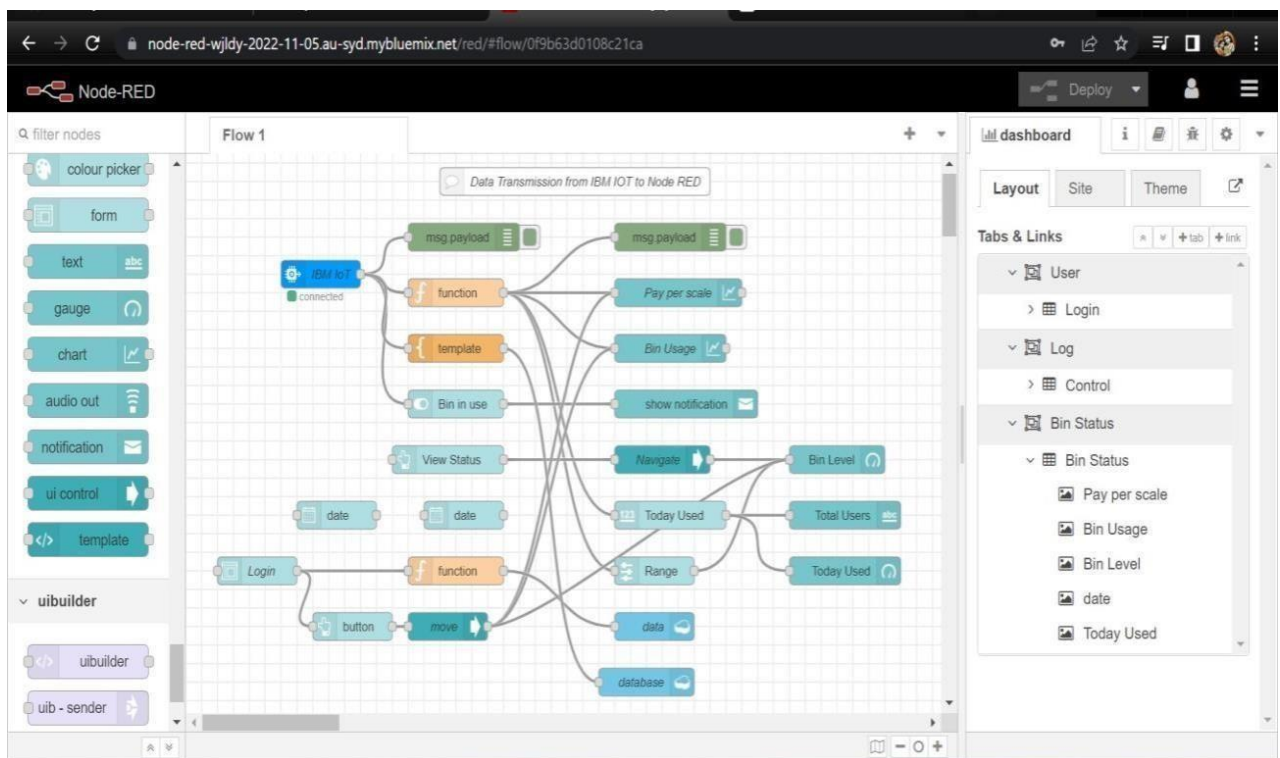
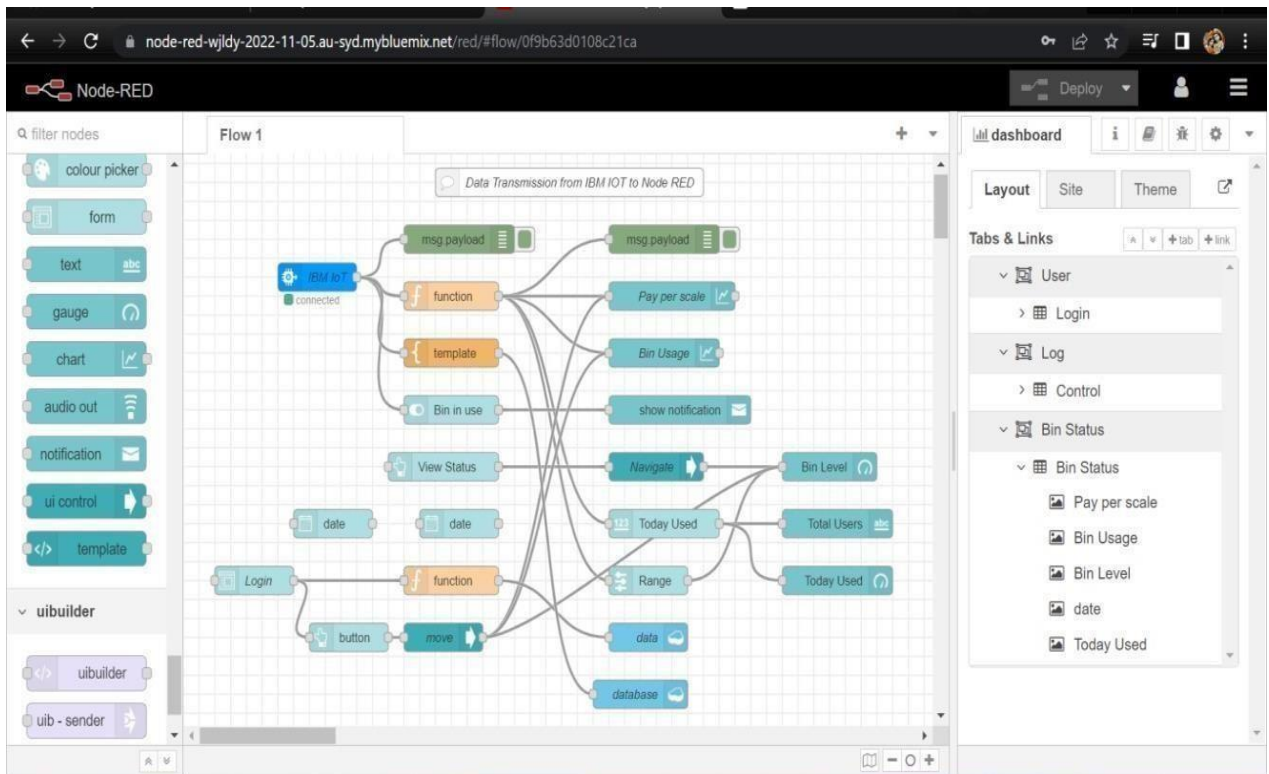


Web UI Design and Deploy

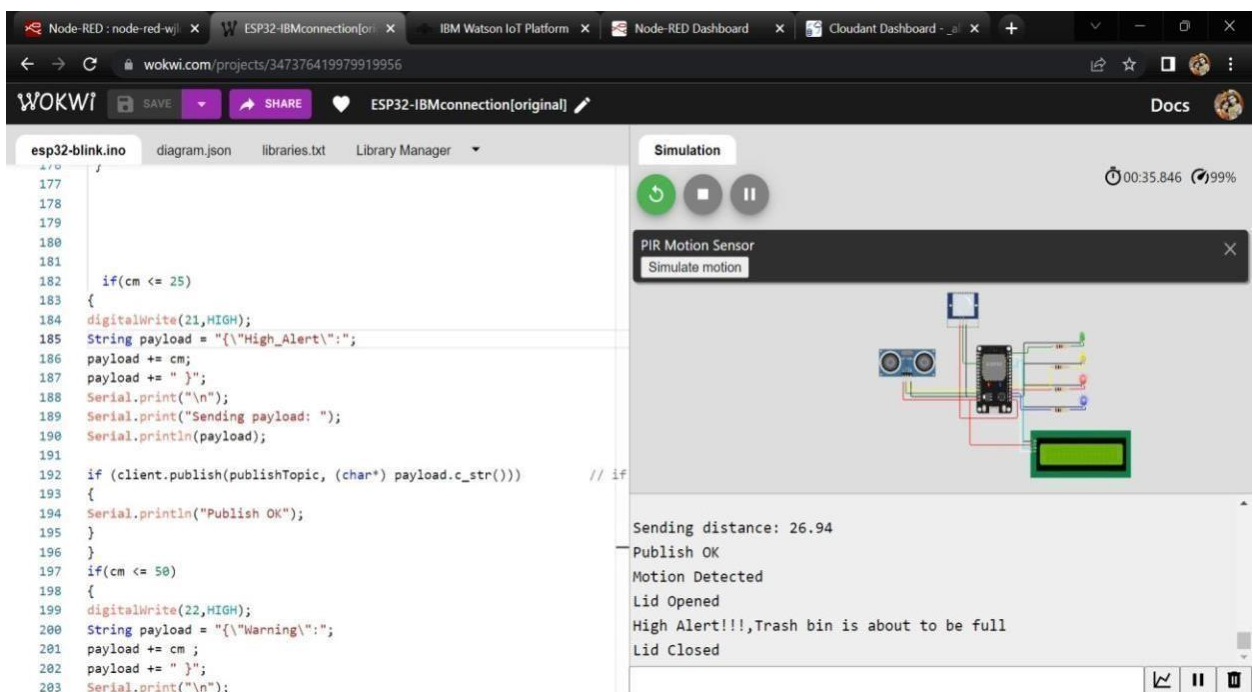
Date	11 November 2022
Team ID	PNT2022TMID05193
Project Name	Smart Waste Management For Metropolitan Cities -IOT

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





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

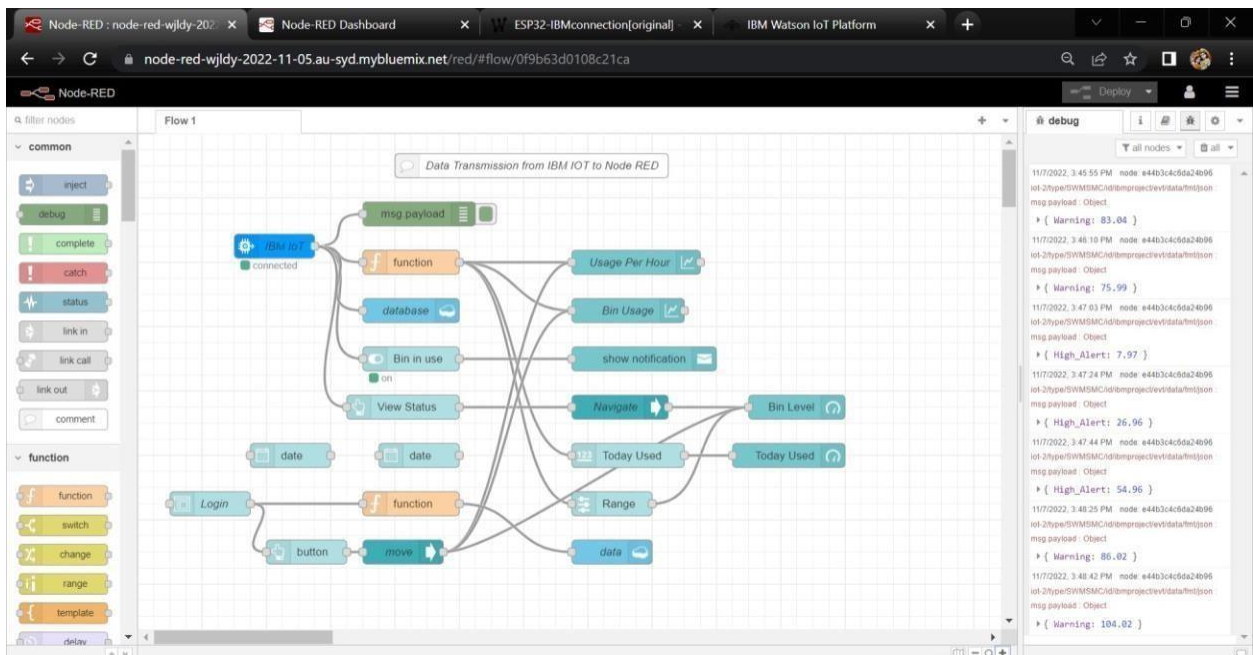


2. Data transfer to Watson IOT platform.

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

3. 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	  

Log Out











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

← → ↻ 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

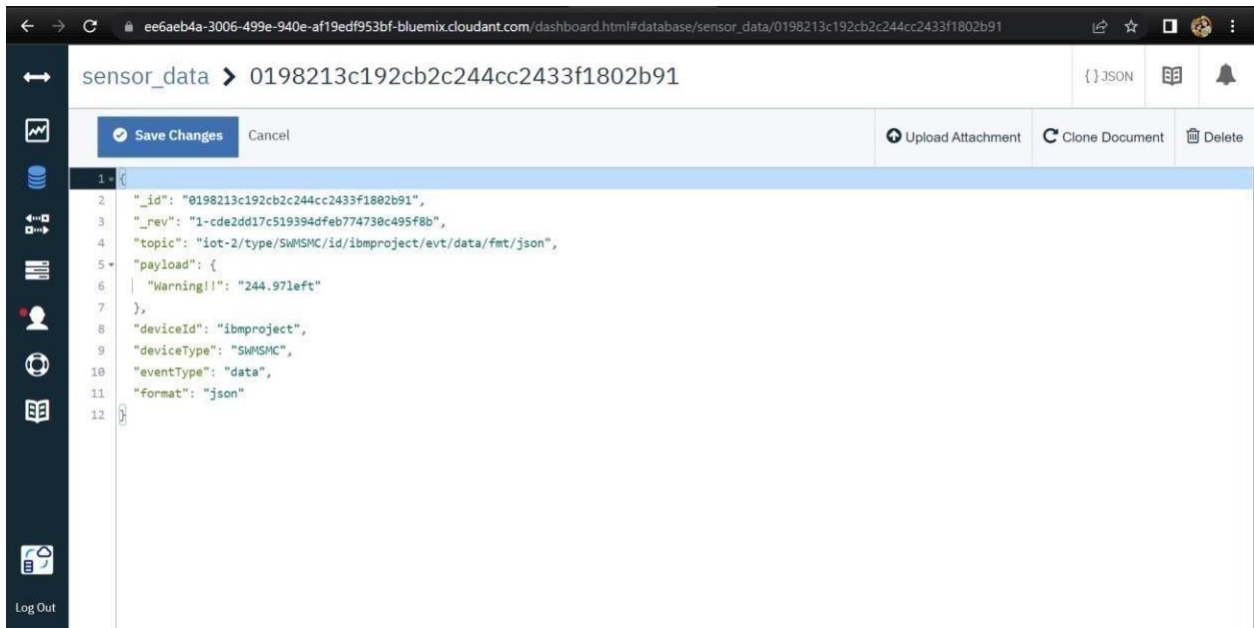
Table Metadata {} JSON Create Document

	id	key	value
<input type="checkbox"/>	 0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{"rev": "1-cde2dd17c519394df..."}
<input type="checkbox"/>	 0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{"rev": "1-d26c5b40891e13c6c..."}
<input type="checkbox"/>	 0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{"rev": "1-cde2dd17c519394df..."}
<input type="checkbox"/>	 0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{"rev": "1-f96eb0460bc16cfab0..."}
<input type="checkbox"/>	 1a921f21cbe229b86f599acb45...	1a921f21cbe229b86f599acb45...	{"rev": "1-7226f08794cd47b7c..."}
<input type="checkbox"/>	 1a921f21cbe229b86f599acb45...	1a921f21cbe229b86f599acb45...	{"rev": "1-1bbdd9a985bd56cf9..."}
<input type="checkbox"/>	 20a854e5445fa818e6c1de049...	20a854e5445fa818e6c1de049...	{"rev": "1-7226f08794cd47b7c..."}
<input type="checkbox"/>	 20a854e5445fa818e6c1de049...	20a854e5445fa818e6c1de049...	{"rev": "1-3ad288ecad57f039e..."}
<input type="checkbox"/>	 20a854e5445fa818e6c1de049...	20a854e5445fa818e6c1de049...	{"rev": "1-1bbdd9a985bd56cf9..."}
<input type="checkbox"/>	 298ed6fbd9b3b815f5ac7c061e...	298ed6fbd9b3b815f5ac7c061e...	{"rev": "1-4e72d0f6e5307a1b9..."}

Log Out

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

6. Data is stored in JSON format



7. Web UI

