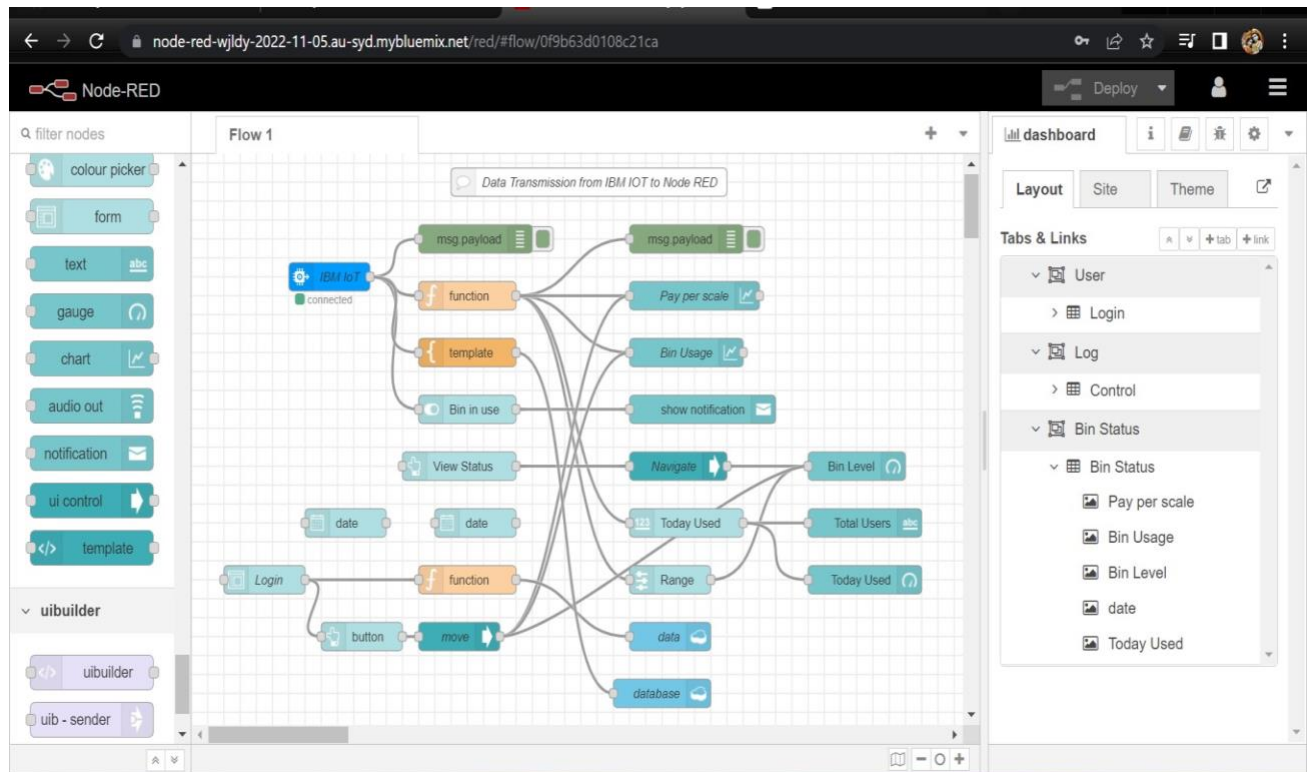


## Web UI Design and Deploy

Date	5 November 2022
Team ID	PNT2022TMID28979
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.

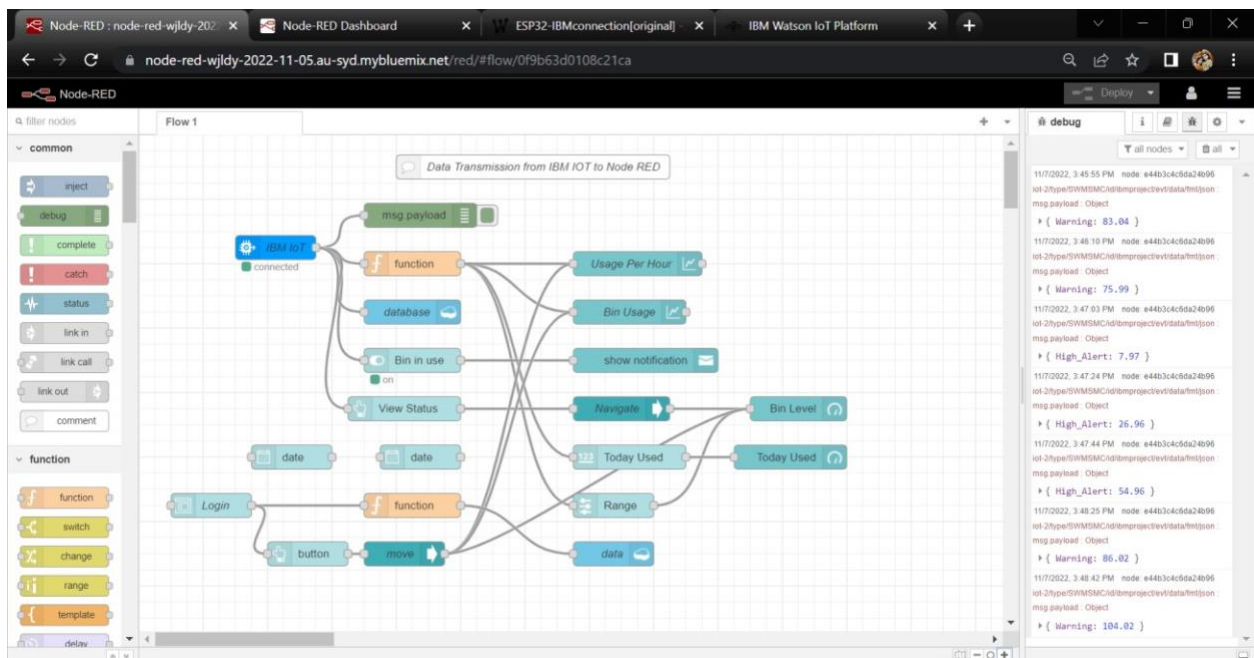




The recent events listed show the live stream of data that is coming and going from this device.

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	<span>🔍</span> <span>🔒</span> <span>🗑️</span>
noderedwjldy20221105	37.4 KB	4	No	<span>🔍</span> <span>🔒</span> <span>🗑️</span>
sample	59.4 KB	351	No	<span>🔍</span> <span>🔒</span> <span>🗑️</span>
sensor_data	15.7 KB	90	No	<span>🔍</span> <span>🔒</span> <span>🗑️</span>

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 🔔

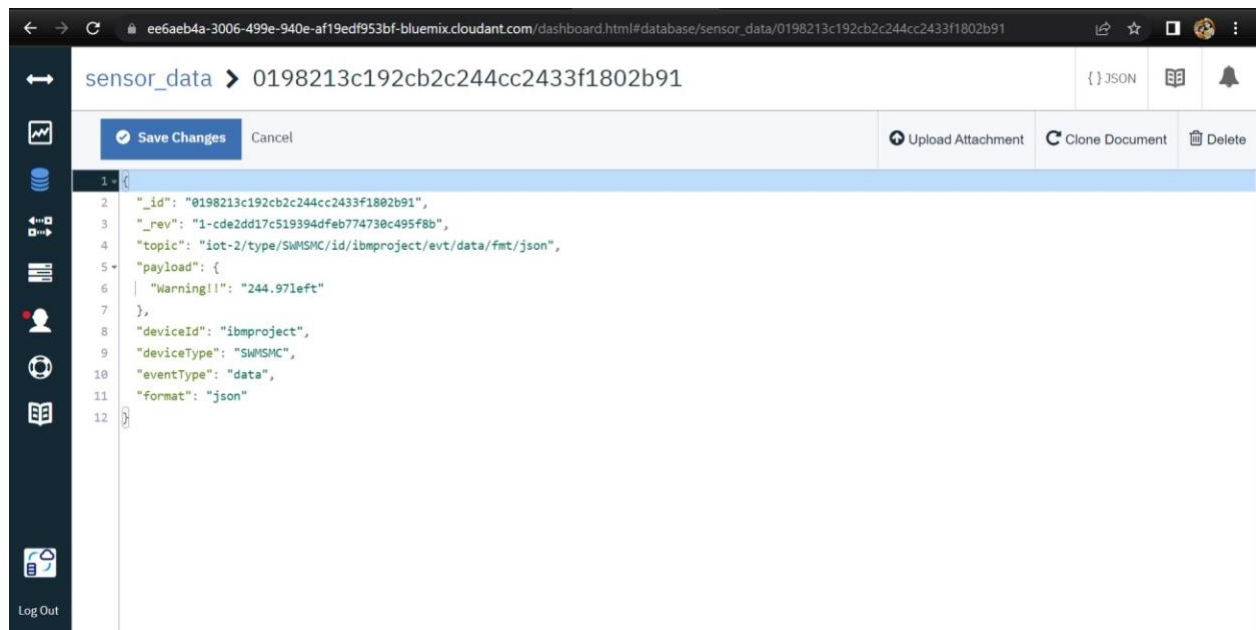
All Documents + Table Metadata { } JSON 🗑️ Create Document

	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

