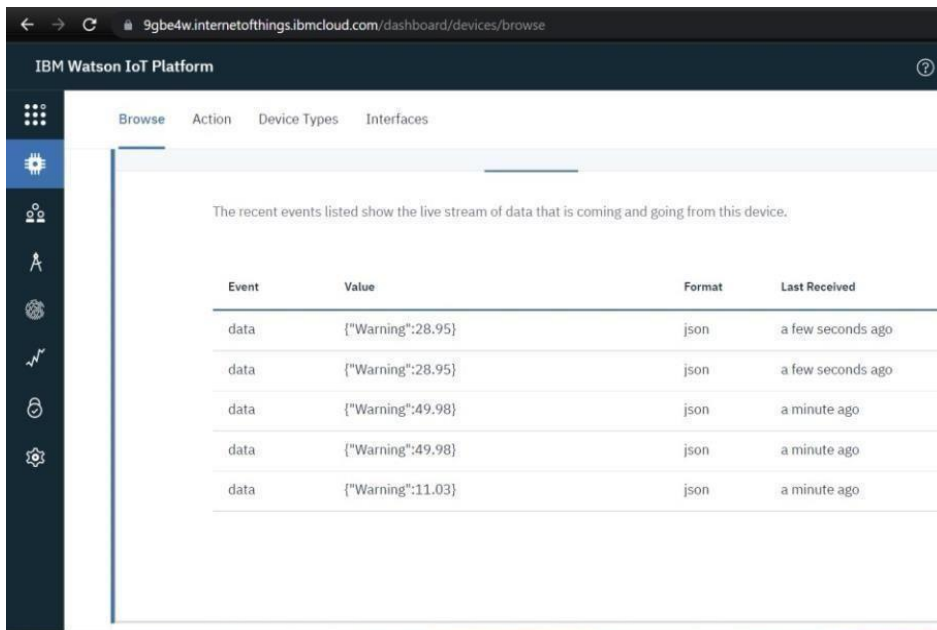


## SPRINT 4

Team ID	PNT2022TMID1 4174
Project Name	Smart Waste Management system for metropolitan cities

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

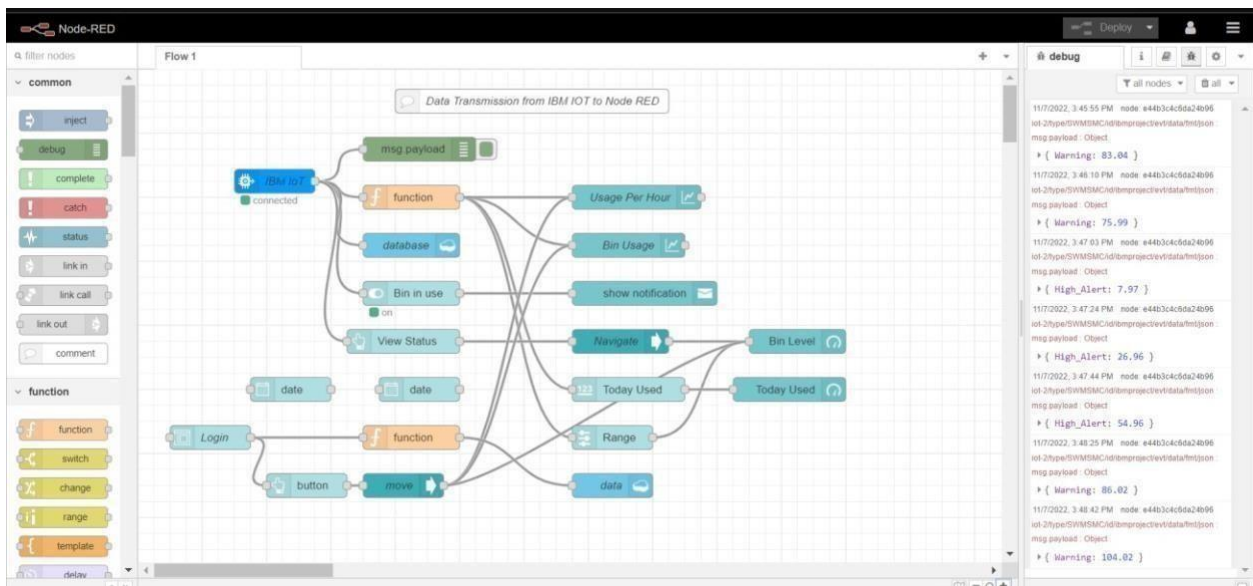




The recent events listed show the live stream of data that is coming and going from this device.

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

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



### 5 . Storing database in IBM cloudant DB.

← →

Databases

Database name

Create Database

{ } JSON

Your Databases

Name	Size	# of Docs	Partitioned	Actions
login_credentials	13.7 KB	111	No	<div>← →</div> <div></div> <div></div>
noderedwjldy20221105	37.4 KB	4	No	<div>← →</div> <div></div> <div></div>
sample	59.4 KB	351	No	<div>← →</div> <div></div> <div></div>
sensor_data	15.7 KB	90	No	<div>← →</div> <div></div> <div></div>

Showing 1-4 of 4 databases.   Databases per page: 20

Log Out

← →

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": "1-4e7240f6e5307a1b9...

Showing document 1 - 20.   Documents per page: 20

Log Out

6. Data is stored in JSON format

↔

sensor\_data > 0198213c192cb2c244cc2433f1802b91

{ } JSON

📖

🔔

📈

🗄️

🔄

📋

👤

🔍

📖

🏠

Log Out

✓ Save Changes Cancel

📎 Upload Attachment

🔄 Clone Document

🗑️ Delete

1 {

2    "\_id": "0198213c192cb2c244cc2433f1802b91",

3    "\_rev": "1-cde2dd17c519394dfef774730c495f8b",

4    "topic": "iot-2/type/SwMSMC/id/ibmproject/evt/data/fmt/json",

5    "payload": {

6      "Warning!!": "244.97left"

7    },

8    "deviceId": "ibmproject",

9    "deviceType": "SwMSMC",

10   "eventType": "data",

11   "format": "json"

12 }

## 7. Web UI

☰ Log

📋 Log

📊 Bin Status

Control

Bin In use 

🗑️

Range 

🔍

Today Used 

▼ 0 ▲

date 📅 06/11/2022 ▼

📊 VIEW STATUS

Log

Control

Bin in use

Range

Today Used

0

date

06/11/2022

VIEW STATUS

