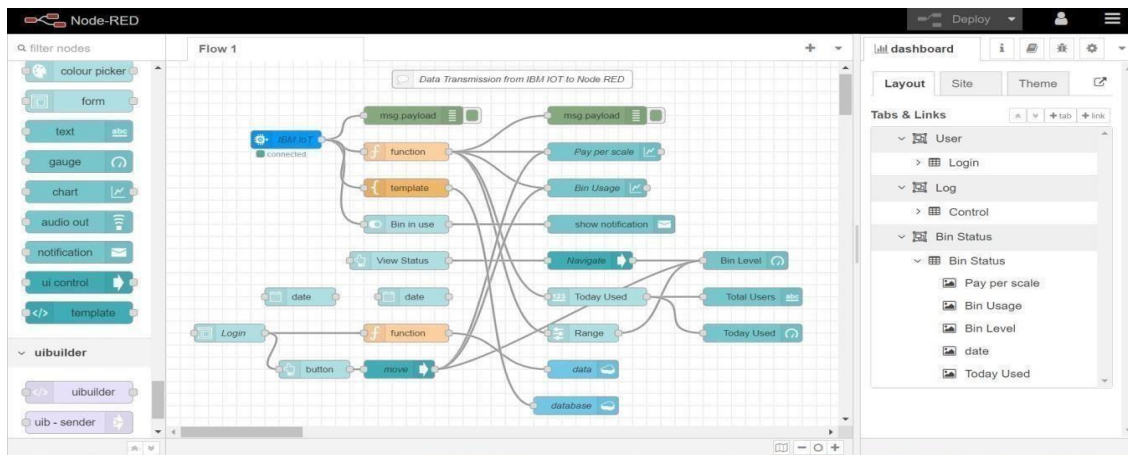
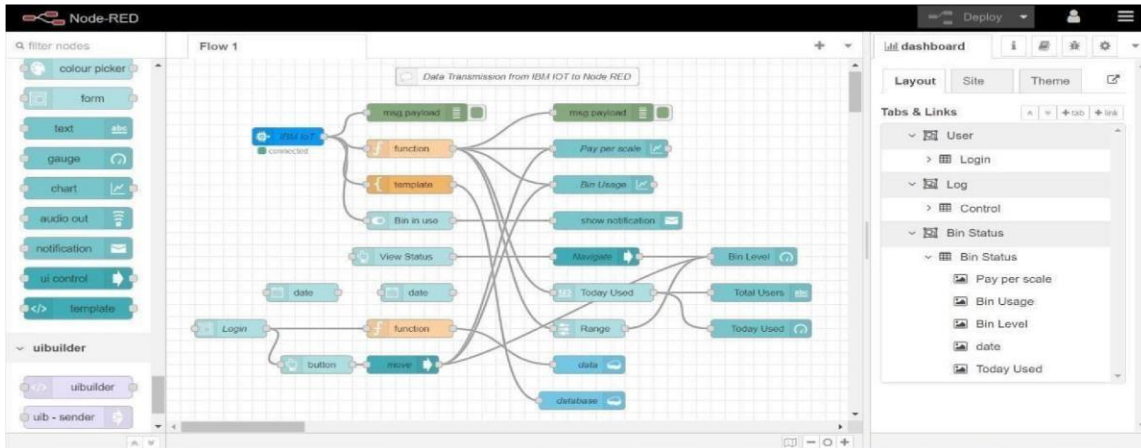


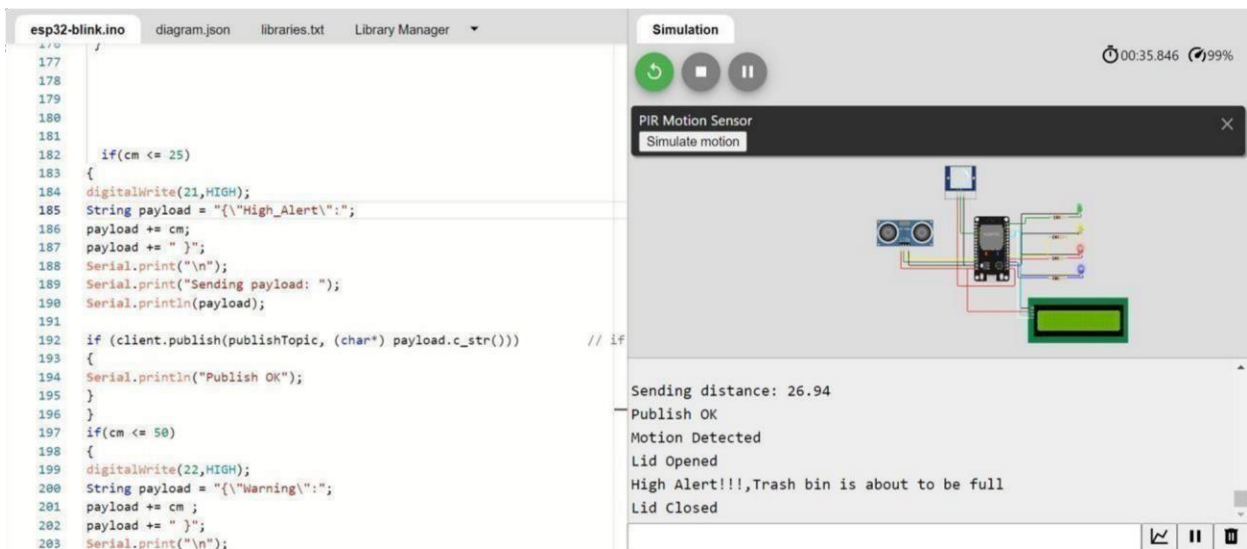
SPRINT DELIVERY - 3

Date	18 November 2022
Team ID	PNT2022TMID50056
Project Name	IOT based Smart Waste Management System in Metropolitan Cities

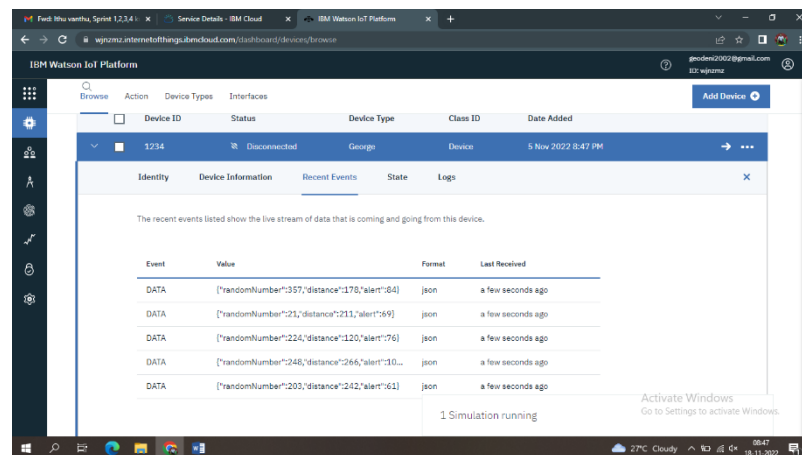
1. Node-RED Connection setup for data transmission from IBM Watson IOT platform to Node-RED dashboard.



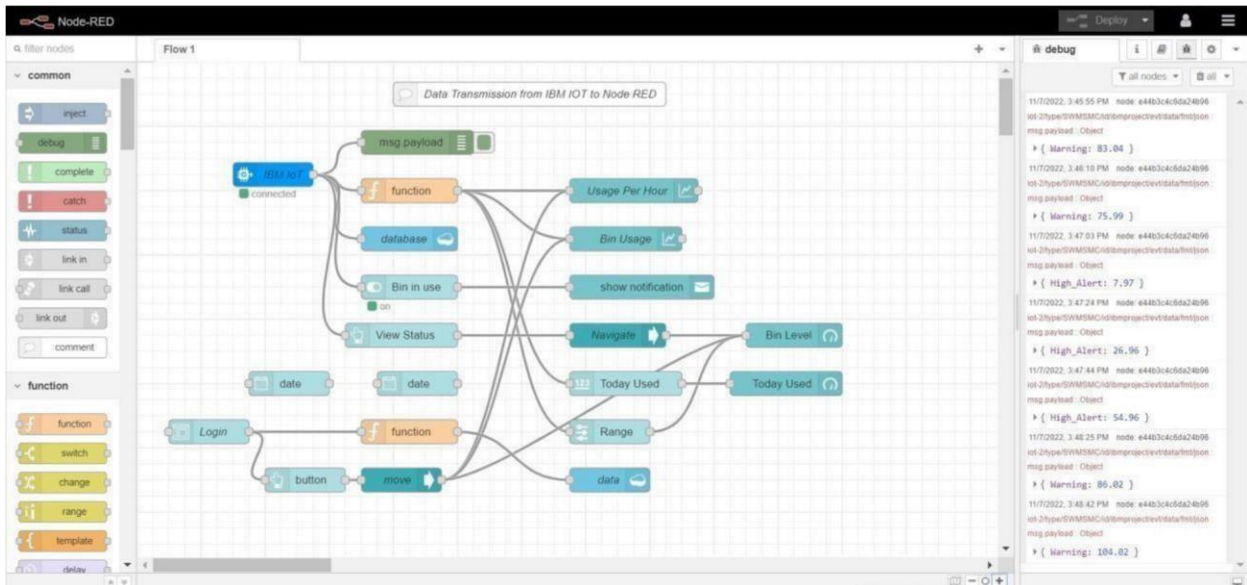
2. Simulate wokwi connection to transmit data from wokwi account to IBM Watson IOT platform and then to Node Red dashboard.



3. Data transfer to Watson IOT platform.



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



5. Storing database in IBM cloudant DB.

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 ▶

Document ID ▼ Options { } JSON 📖 🔔

sensor_data

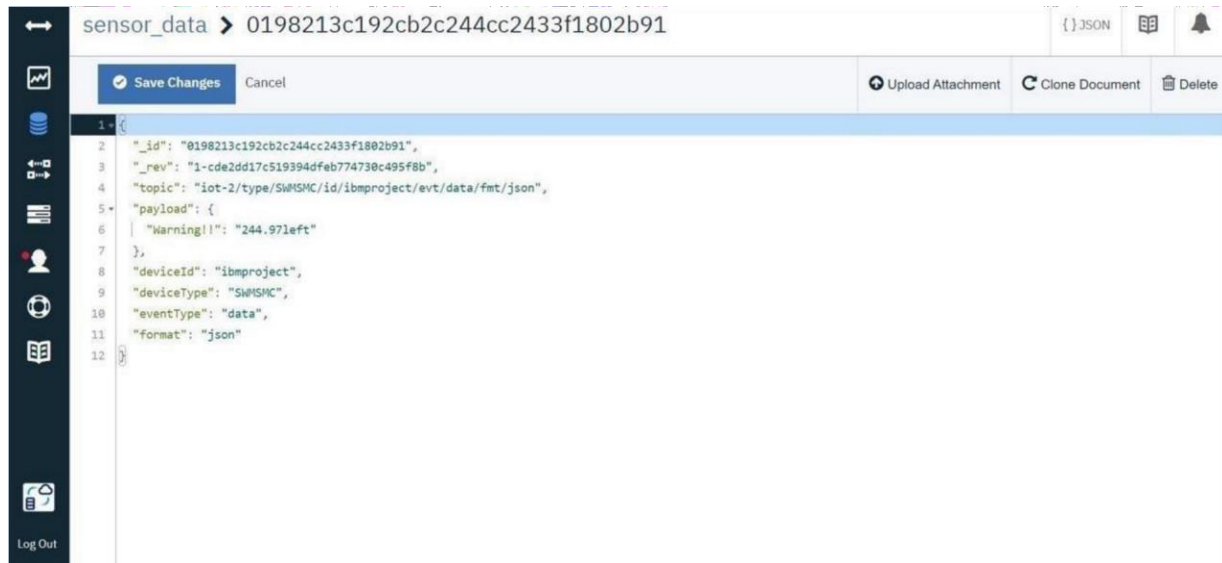
All Documents + Query Permissions Changes Design Documents +

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...
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<input type="checkbox"/>	20a854e5445fa818e6c1de049...	20a854e5445fa818e6c1de049...	{ "rev": "1-7226f08794cd47b7c...
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<input type="checkbox"/>	298ed6fhd9h3b815f5ac7c061e...	298ed6fhd9h3b815f5ac7c061e...	{ "rev": "1-4e7240f6e5307a1h9...

Showing document 1 - 20. Documents per page: 20 ◀ ▶

6. Data is stored in JSON format



The screenshot displays a web application interface for managing documents. The document is titled "sensor_data" and is identified by the ID "0198213c192cb2c244cc2433f1802b91". The document is in JSON format, as indicated by the "{} JSON" icon in the top right corner. The interface includes a "Save Changes" button, a "Cancel" button, an "Upload Attachment" button, a "Clone Document" button, and a "Delete" button. The document content is displayed in a code editor with line numbers 1 through 12. The JSON data is as follows:

```
1 {
2   "_id": "0198213c192cb2c244cc2433f1802b91",
3   "_rev": "1-cde2dd17c519394dfcb774730c495f8b",
4   "topic": "iot-2/type/SWMSMC/id/ibmproject/evt/data/fmt/json",
5   "payload": {
6     "Warning!!": "244.971left"
7   },
8   "deviceId": "ibmproject",
9   "deviceType": "SWMSMC",
10  "eventType": "data",
11  "format": "json"
12 }
```

The interface also features a sidebar with various icons for navigation and a "Log Out" button at the bottom.