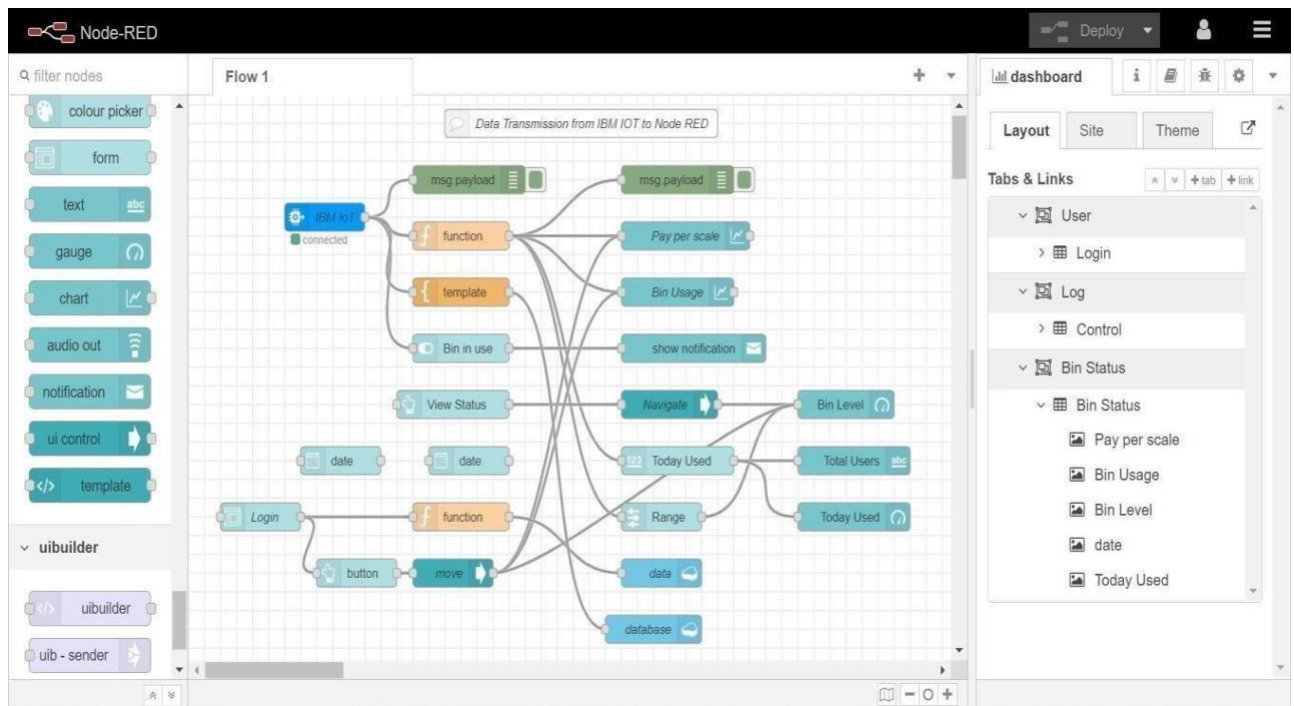


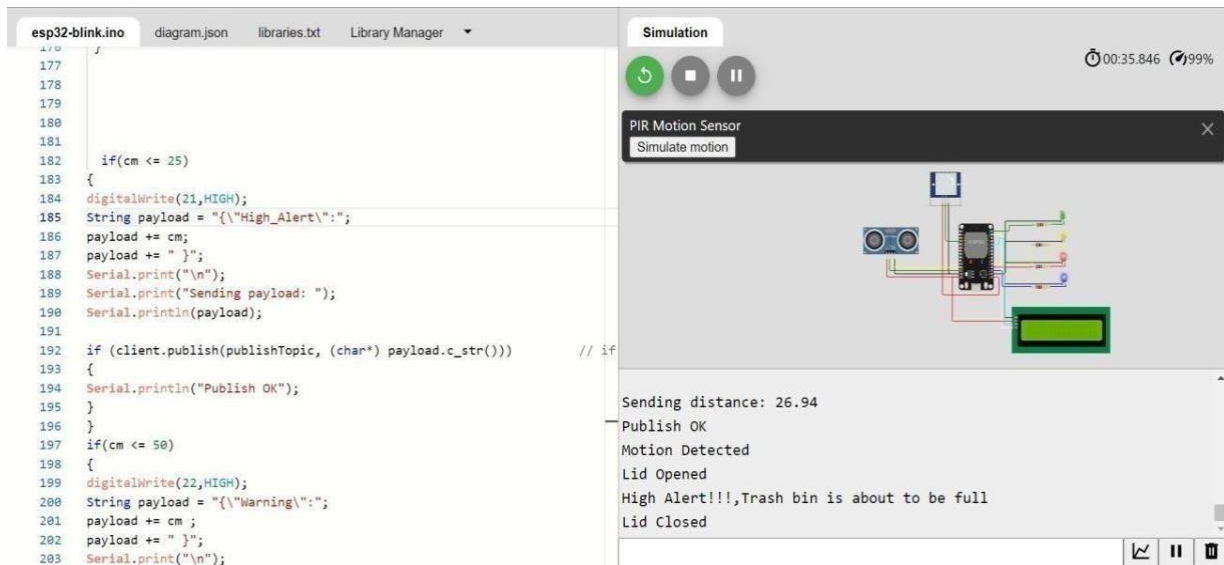
Delivery of Sprint – 4

Date	19 November 2022
Team ID	PNT2022TMID51674
Project Name	Smart Waste Management for Metropolitan Cities

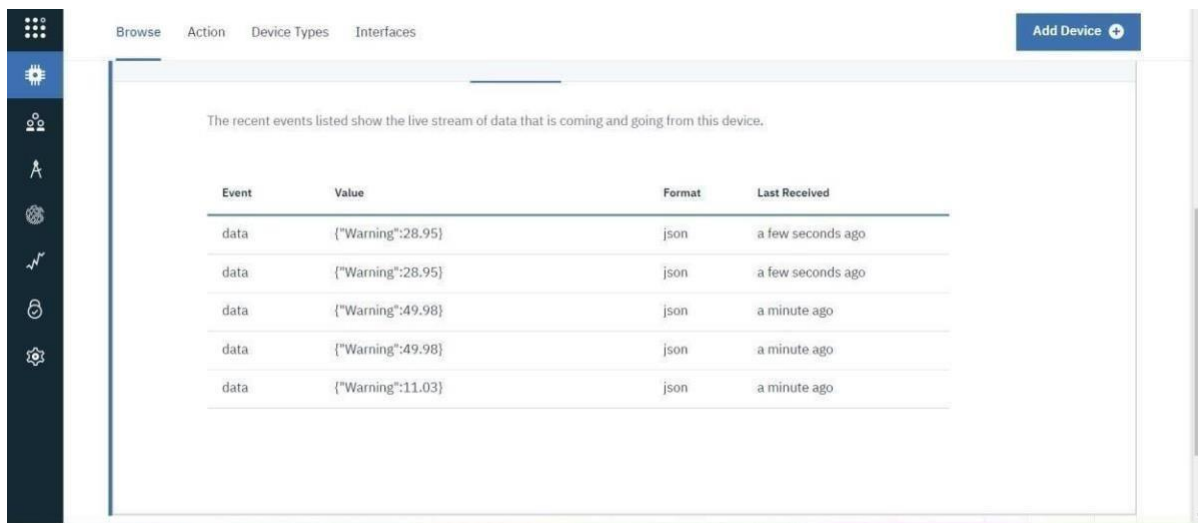
1. Node-RED Connection setup for data transmission from IBM Watson IOT platform to Node-RED dashboard.

77

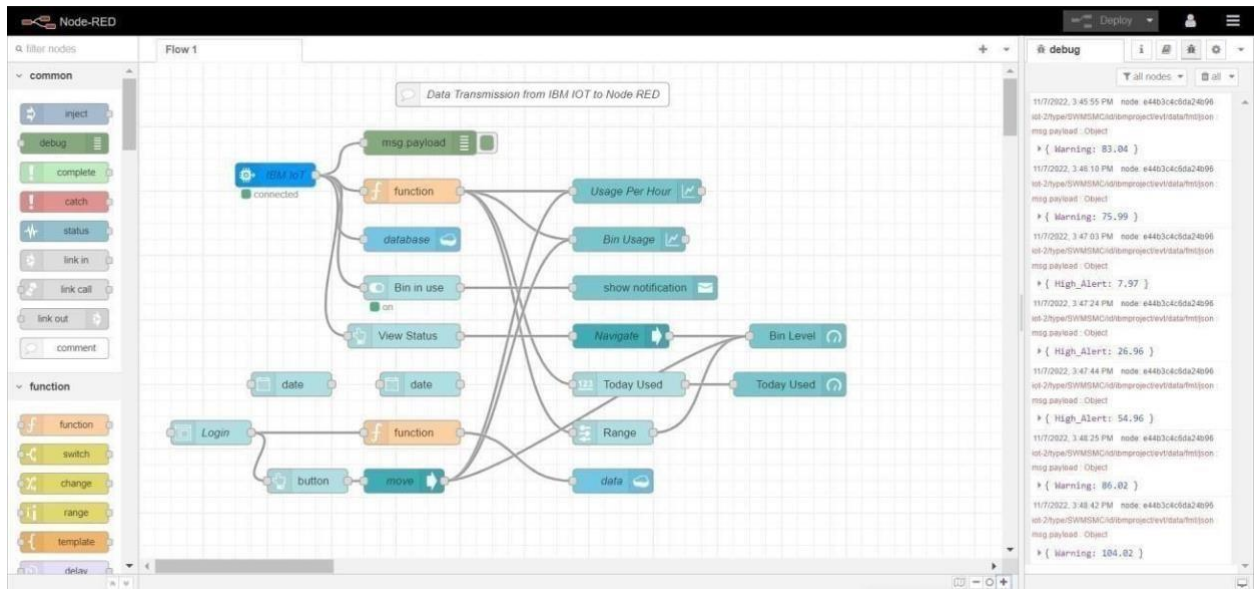




3. Data transfer to Watson IOT platform.



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



5 . Storing database in IBM cloudant DB.

Name	Size	# of Docs	Partitioned	Actions
login_credentials	13.7 KB	111	No	
noderedwjd20221105	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

sensor_data

Document ID

Options {}JSON

Create Document

	id	key	value
<input type="checkbox"/>	0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{"rev": "1-cde2dd17c519394df..."}
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<input type="checkbox"/>	0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{"rev": "1-cde2dd17c519394df..."}
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Showing document 1 - 20. Documents per page: 20

6. Data is stored in JSON format

sensor_data 0198213c192cb2c244cc2433f1802b91

{}JSON

Save Changes Cancel

Upload Attachment Clone Document Delete

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1 {
2   "_id": "0198213c192cb2c244cc2433f1802b91",
3   "_rev": "1-cde2dd17c519394df774730c495f8b",
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 }

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Log Out

7. Web UI

