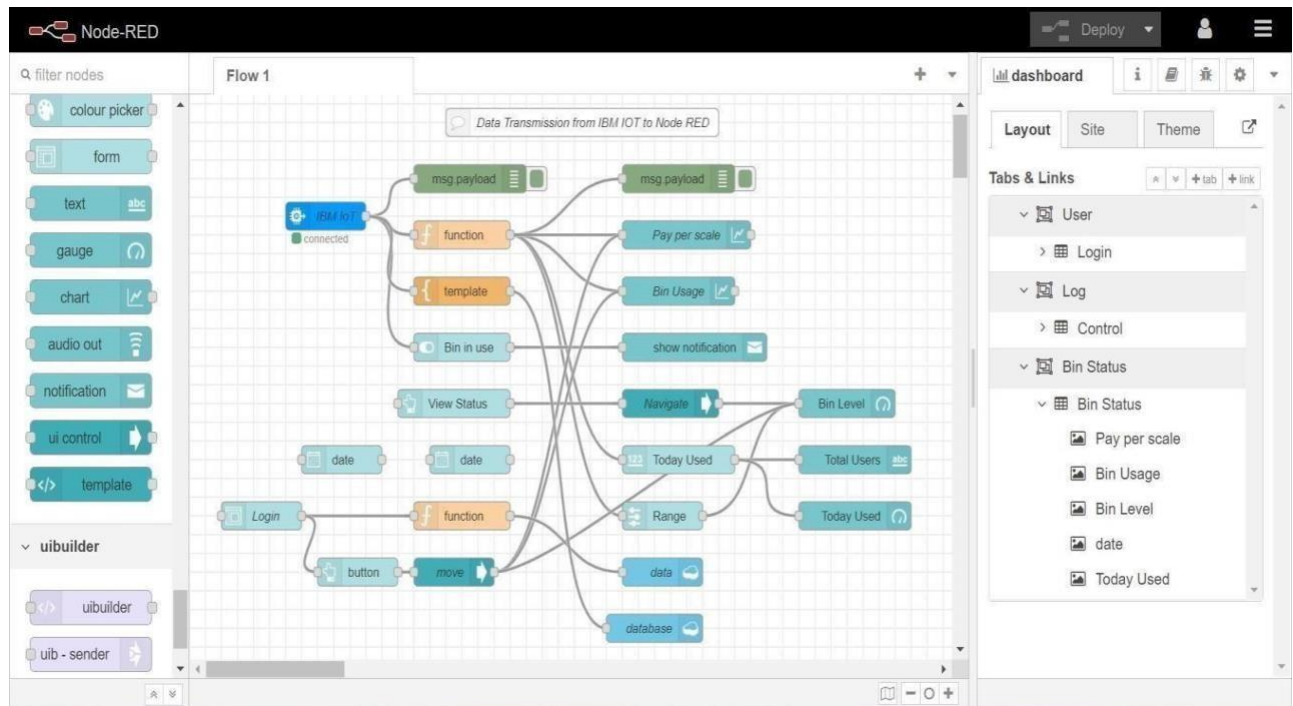


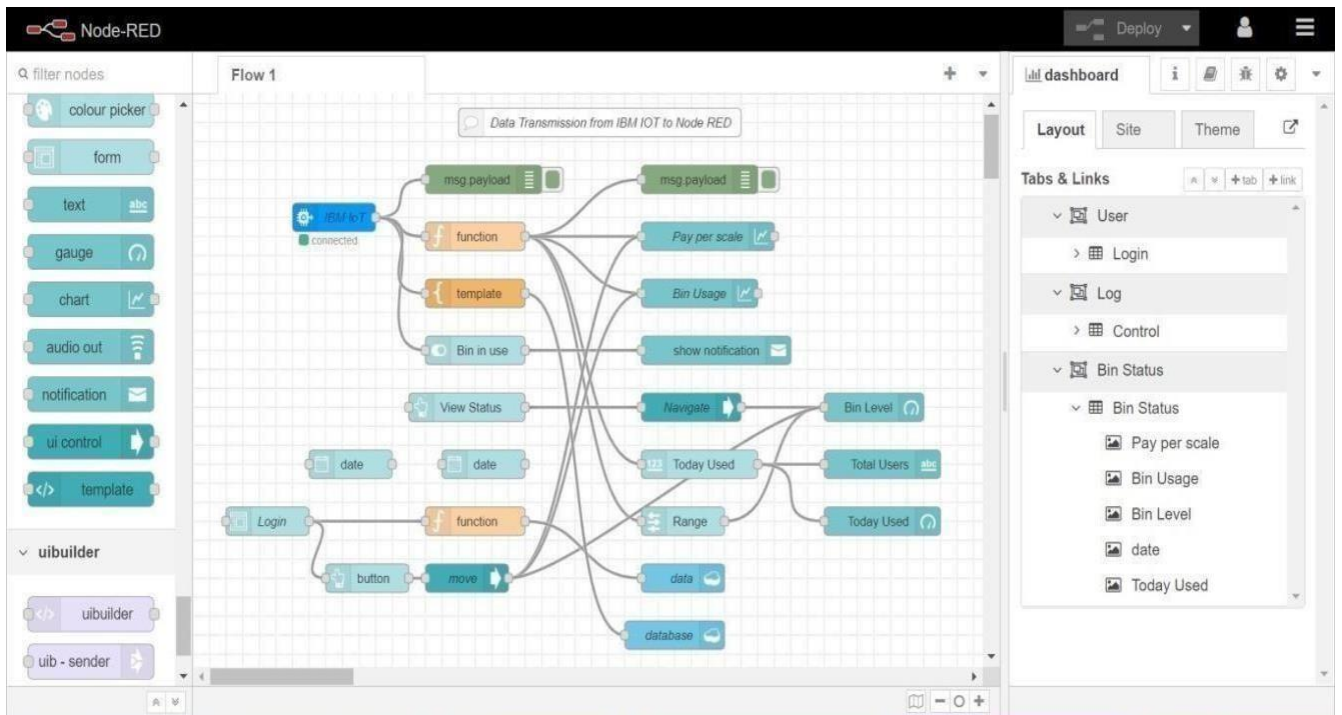
Delivery of Sprint – 4

Date	November 10 2022
Team ID	PNT2022TMID54378
Project Name	Smart Waste Management for Metropolitan Cities

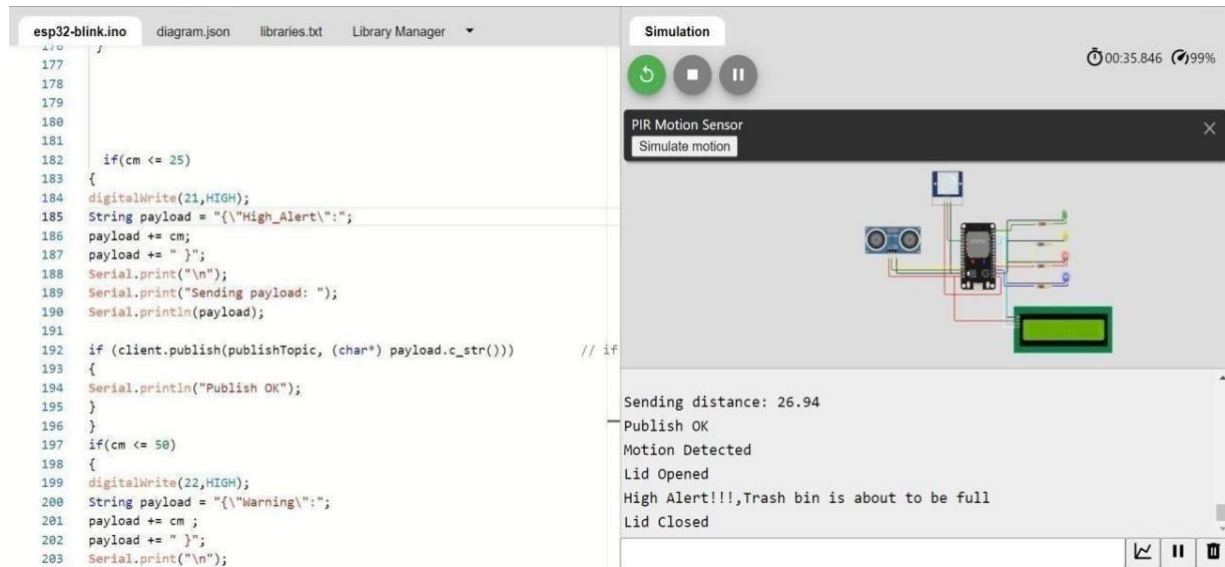
1. Node-RED Connection setup for data transmission from IBM Watson IOT platform to Node-RED dashboard.

77

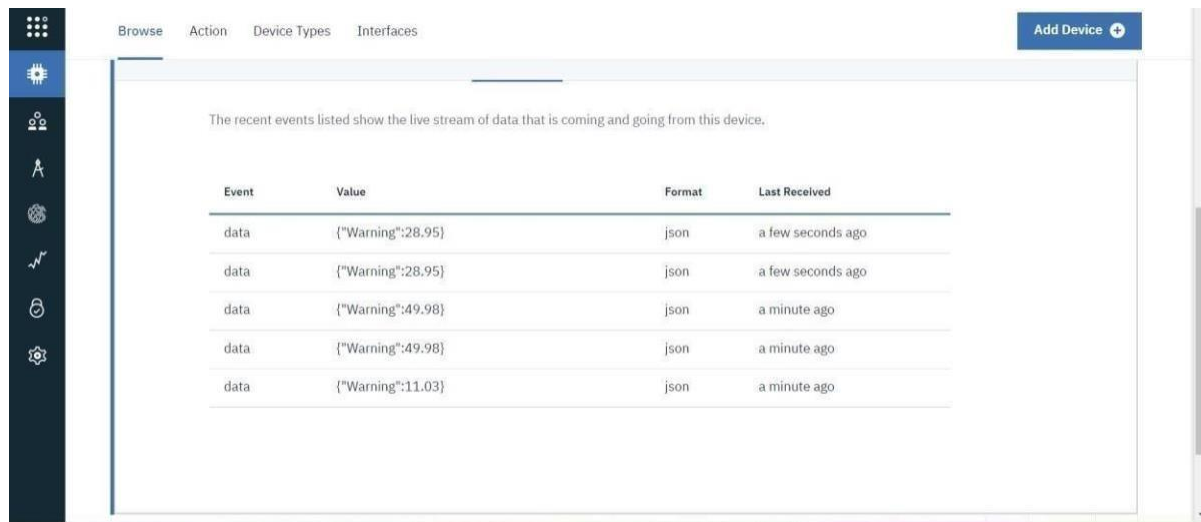




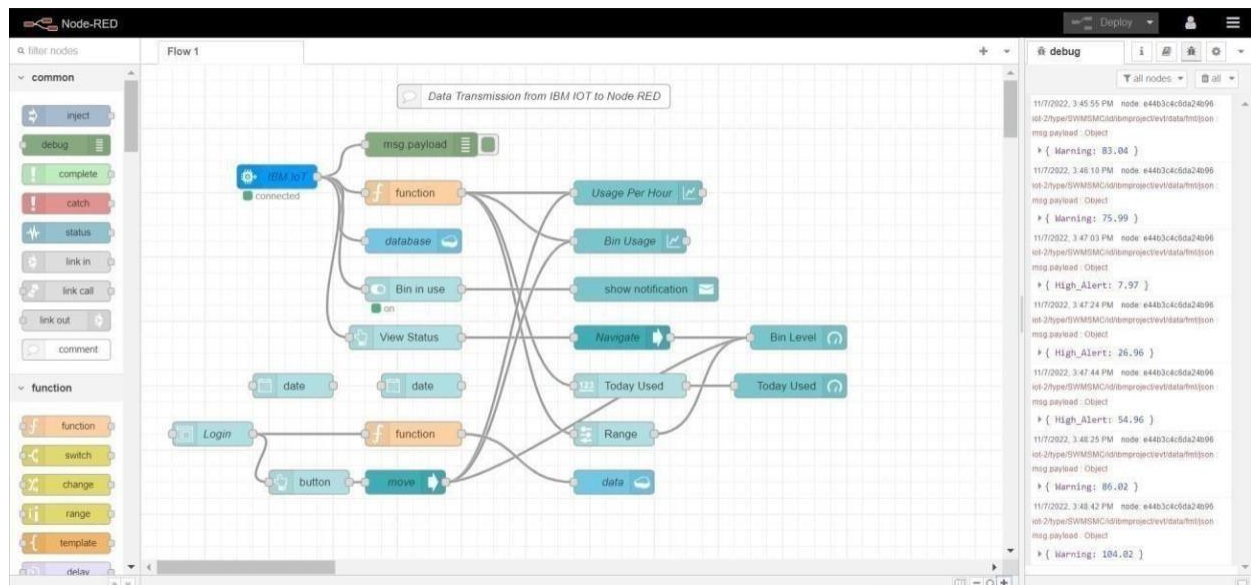
2. Simulate Wokwi connection to transmit data from wokwi account to IBM Watson IOT platform and then to Node Red dashboard.



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.













Databases

Database name

Create Database

{ } JSON

Your Databases

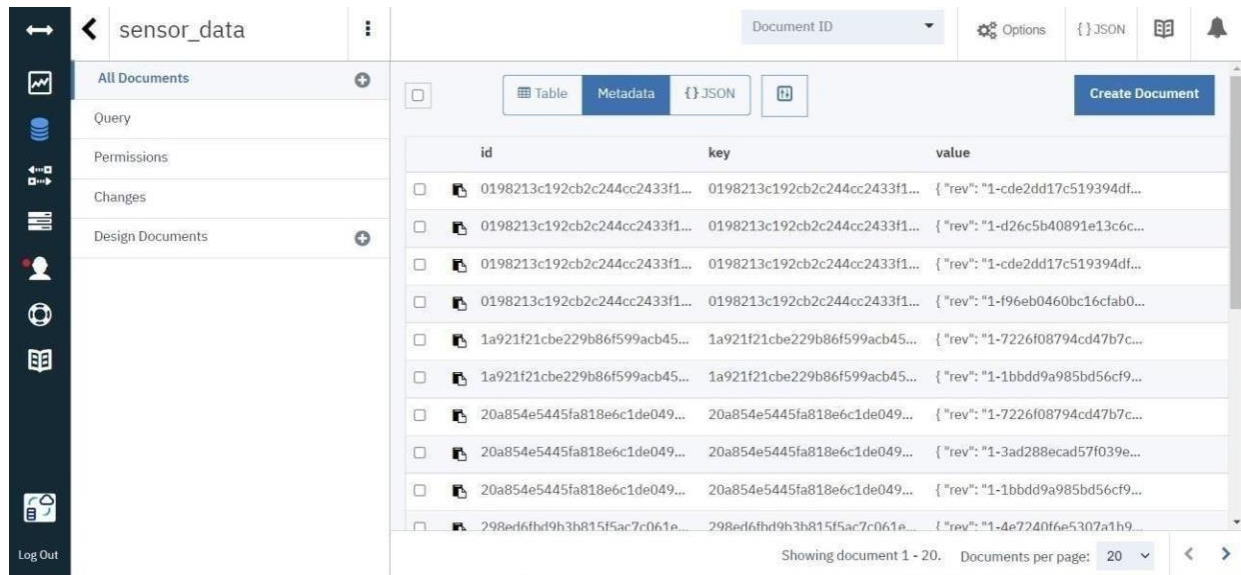
Name	Size	# of Docs	Partitioned	Actions
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noderedwjldy20221105	37.4 KB	4	No	  
sample	59.4 KB	351	No	  
sensor_data	15.7 KB	90	No	  

Showing 1-4 of 4 databases.

Databases per page

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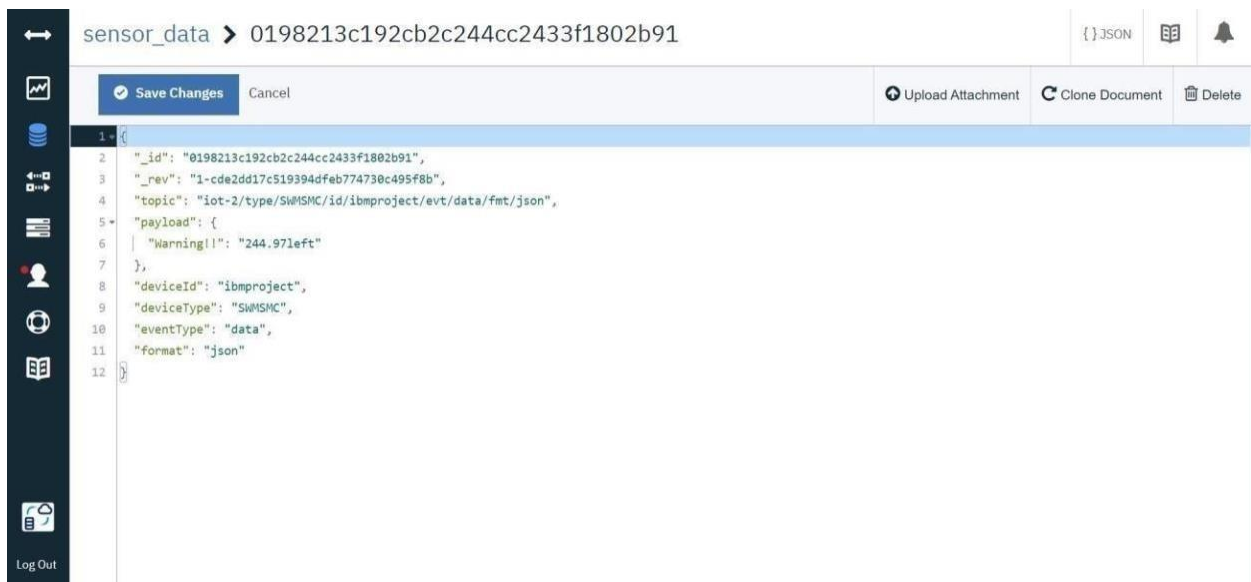
1



	id	key	value
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Showing document 1 - 20. Documents per page: 20

6. Data is stored in JSON format



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1 {
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3   "_rev": "1-cde2dd17c519394df774730c495f8b",
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 }

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7. Web UI

