

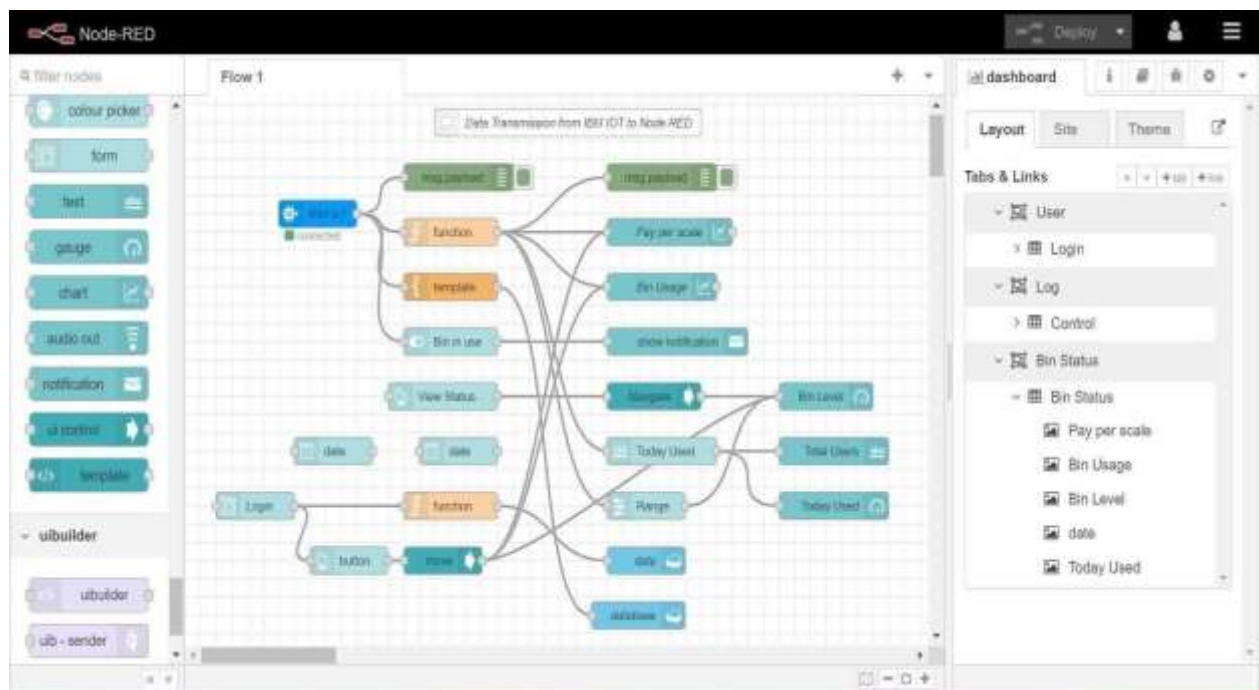
## Delivery of Sprint – 4

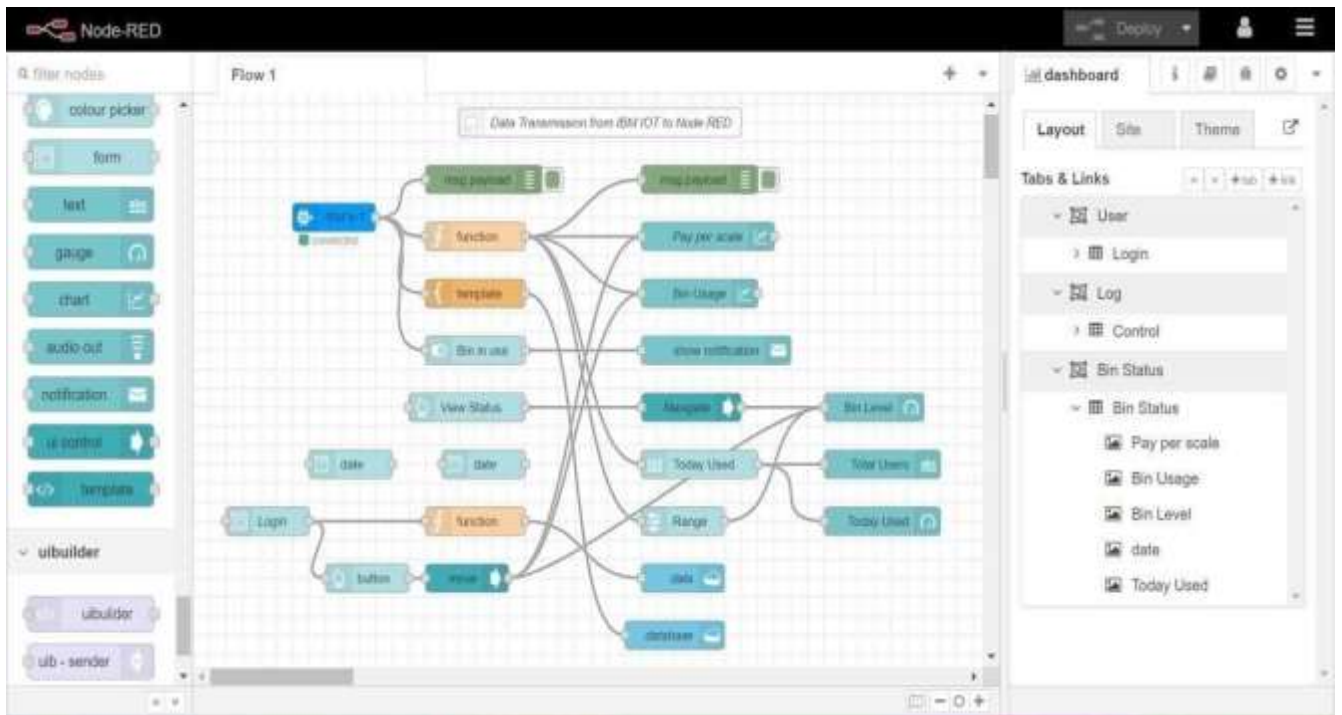
## WEB UI DESIGN AND DEPLOY

<b>Date</b>	<b>13 NOVEMBER 2022</b>
<b>Team ID</b>	<b>PNT2022TMID53005</b>
<b>Project Name</b>	<b>Smart Waste Management for Metropolitan Cities</b>

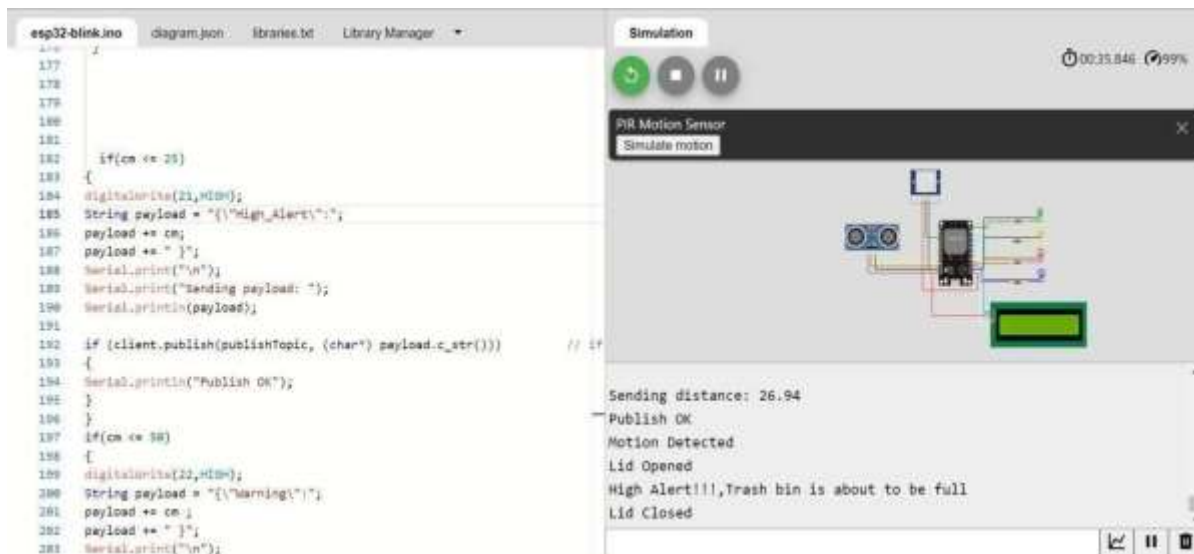
1. Node-RED Connection setup for data transmission from IBM Watson IOT platform to Node-RED dashboard.

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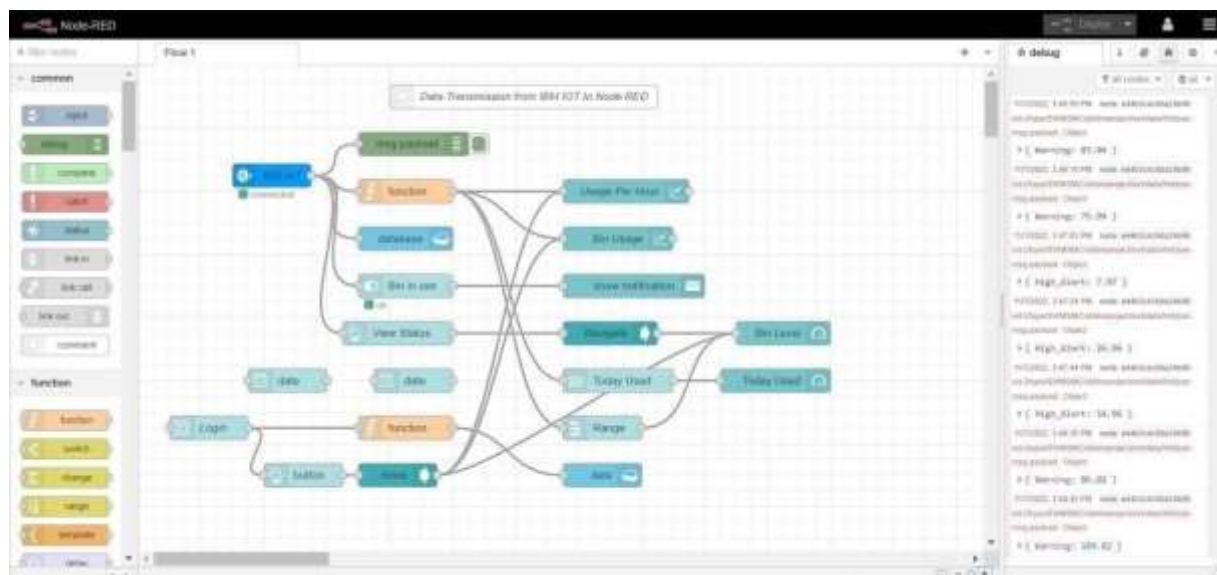
2. Simulate Wokwi connection to transmit data from wokwi account to IBM Watson IOT platform and then to Node Red dashboard.



### 3. Data transfer to Watson IOT platform.

[illegible]

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



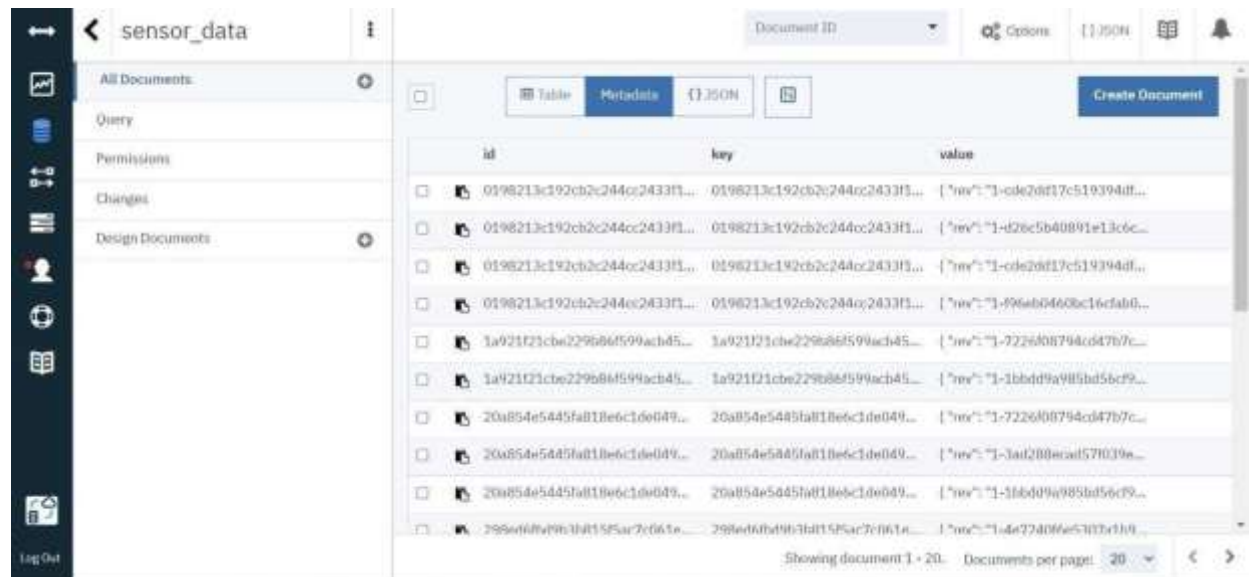
## 5 . Storing database in IBM cloudant DB.



The screenshot shows the IBM Cloudant Databases interface. At the top, there's a 'Databases' header with a search bar and a 'Create Database' button. Below this, a table lists the databases. The table has columns for Name, Size, # of Docs, Partitioned, and Actions. The databases listed are login\_credentials, nodemdwjdy20221105, sample, and sensor\_data. Each database has a size, a number of documents, and a partitioned status. The Actions column contains icons for editing, deleting, and other database management tasks.

Name	Size	# of Docs	Partitioned	Actions
login_credentials	13.7 KB	111	No	[Icons]
nodemdwjdy20221105	37.4 KB	4	No	[Icons]
sample	59.4 KB	351	No	[Icons]
sensor_data	15.7 KB	90	No	[Icons]

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

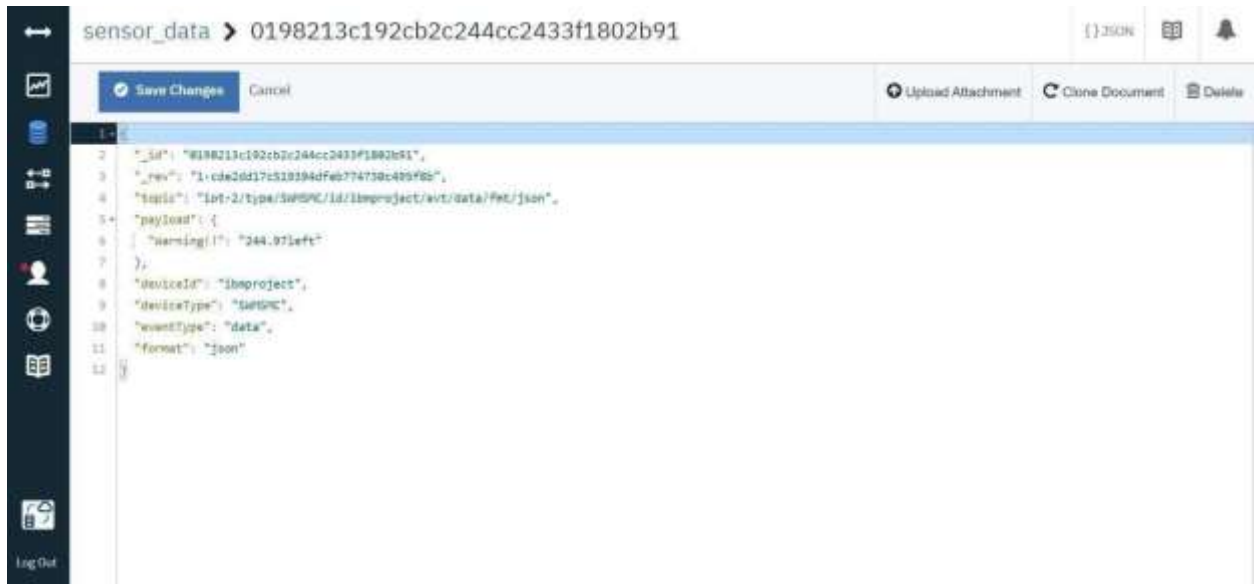


The screenshot shows the IBM Cloudant interface for the 'sensor\_data' database. The left sidebar shows navigation options like 'All Documents', 'Query', 'Permissions', 'Changes', and 'Design Documents'. The main area displays a list of documents in JSON format. Each document has an 'id', a 'key', and a 'value'. The 'value' field contains a JSON object with a 'rev' property and a 'data' property. The documents are listed in a table with checkboxes for selection. The bottom of the screen shows 'Showing document 1 - 20' and 'Documents per page: 20'.

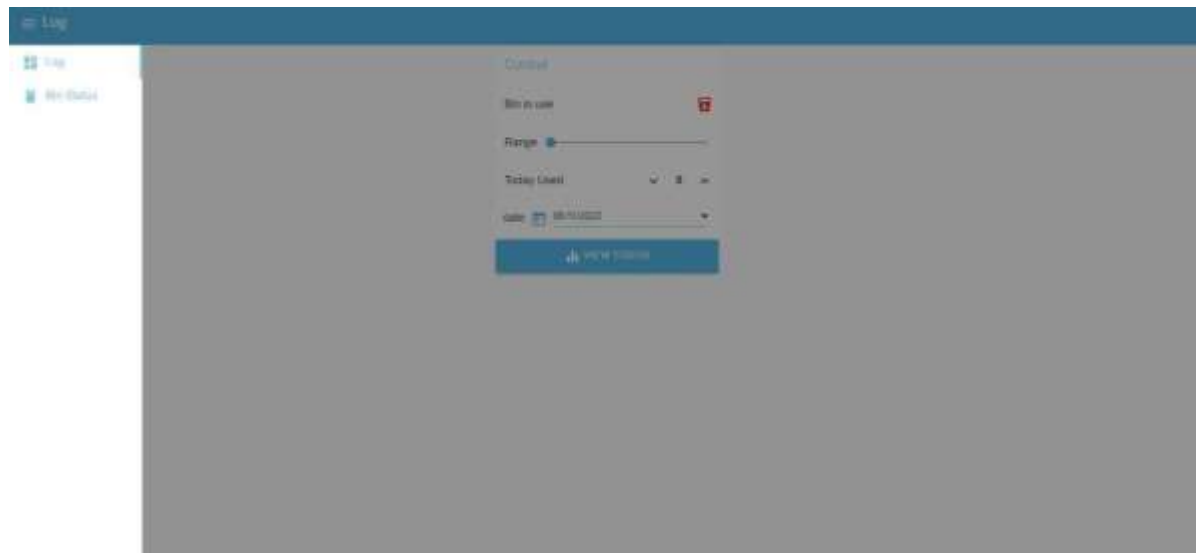
id	key	value
0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{ "rev": "1-cde2d8f17c519394df...", "data": ... }
0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{ "rev": "1-d26c5b40891e13c6c...", "data": ... }
0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{ "rev": "1-cde2d8f17c519394df...", "data": ... }
0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{ "rev": "1-996ab04608c16cfab0...", "data": ... }
1a921f21cbe229b86f599acb45...	1a921f21cbe229b86f599acb45...	{ "rev": "1-7226d08794cd47b7c...", "data": ... }
1a921f21cbe229b86f599acb45...	1a921f21cbe229b86f599acb45...	{ "rev": "1-1bbdd9a985bd56cf9...", "data": ... }
20a854e5445fa81be6c1de049...	20a854e5445fa81be6c1de049...	{ "rev": "1-7226d08794cd47b7c...", "data": ... }
20a854e5445fa81be6c1de049...	20a854e5445fa81be6c1de049...	{ "rev": "1-3a1200acaf57039e...", "data": ... }
20a854e5445fa81be6c1de049...	20a854e5445fa81be6c1de049...	{ "rev": "1-1f6d09a985bd56cf9...", "data": ... }
298e6f6bd9b3bf15f5ac7c061e...	298e6f6bd9b3bf15f5ac7c061e...	{ "rev": "1-4e72d06e5303e110...", "data": ... }

Showing document 1 - 20. Documents per page: 20

## 6. Data is stored in JSON format



## 7. Web UI



Log

Control

Bin in use 

Range 

Today Used  

date  06/11/2022 

VIEW STATUS

