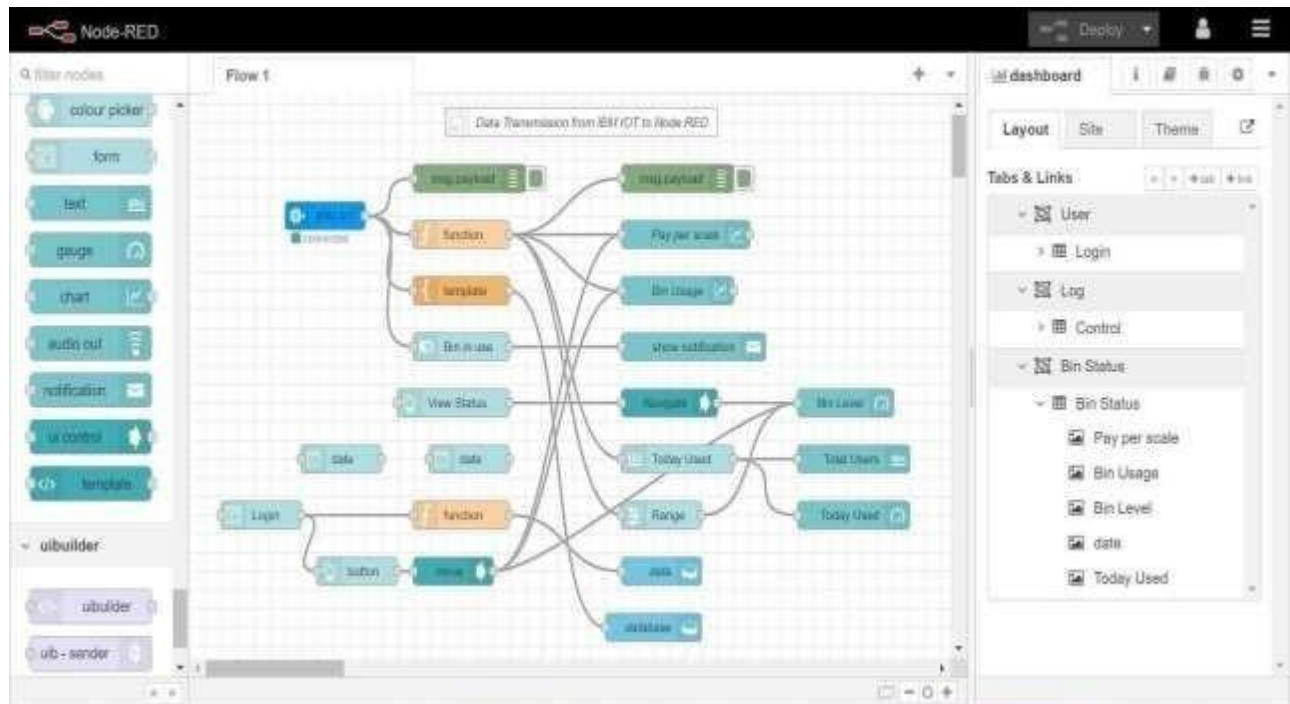


Delivery of Sprint – 4

Web UI Design and Deploy

Team ID	PNT2022TMID53723
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.

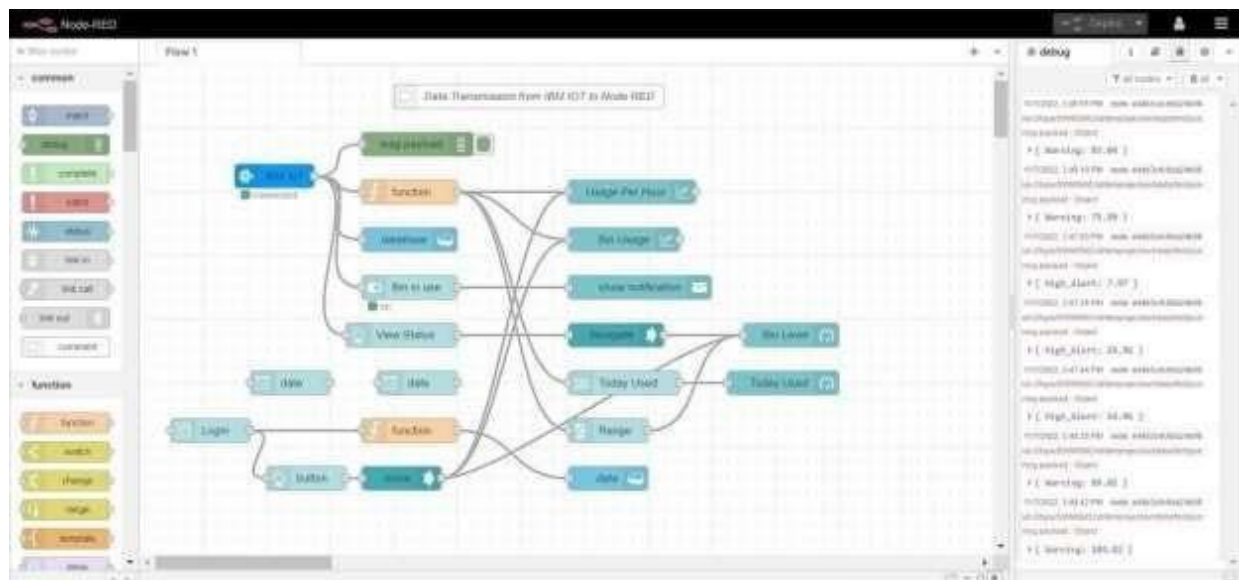


3. Data transfer to Watson IOT platform.

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":49.99]	json	a minute ago
data	["Warning":11.83]	json	a minute ago

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



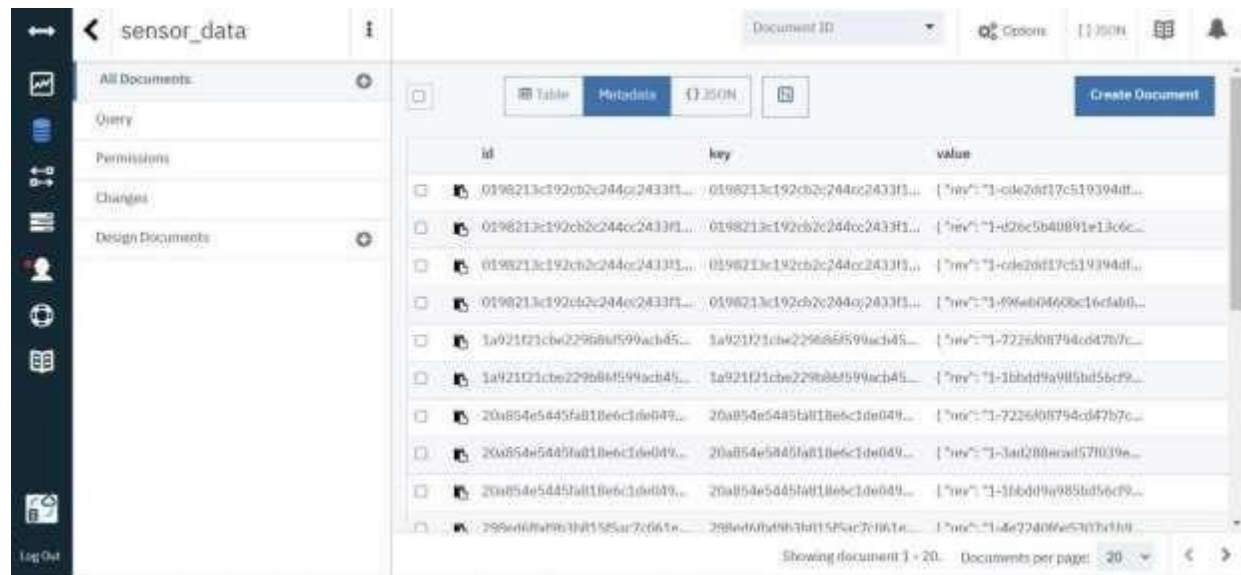
5 . Storing database in IBM cloudant DB.



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', 'nodemdfwily20221109', 'sample', and 'sensor_data'. Each database has a size, a number of documents, and a partitioned status. The 'Actions' column contains icons for viewing, locking, and deleting each database.

Name	Size	# of Docs	Partitioned	Actions
login_credentials	13.7 KB	111	No	[Icons]
nodemdfwily20221109	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 contains 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 a unique ID, a key, and a value. The documents are listed in a table with columns for id, key, and value. The 'value' column contains JSON objects representing sensor data.

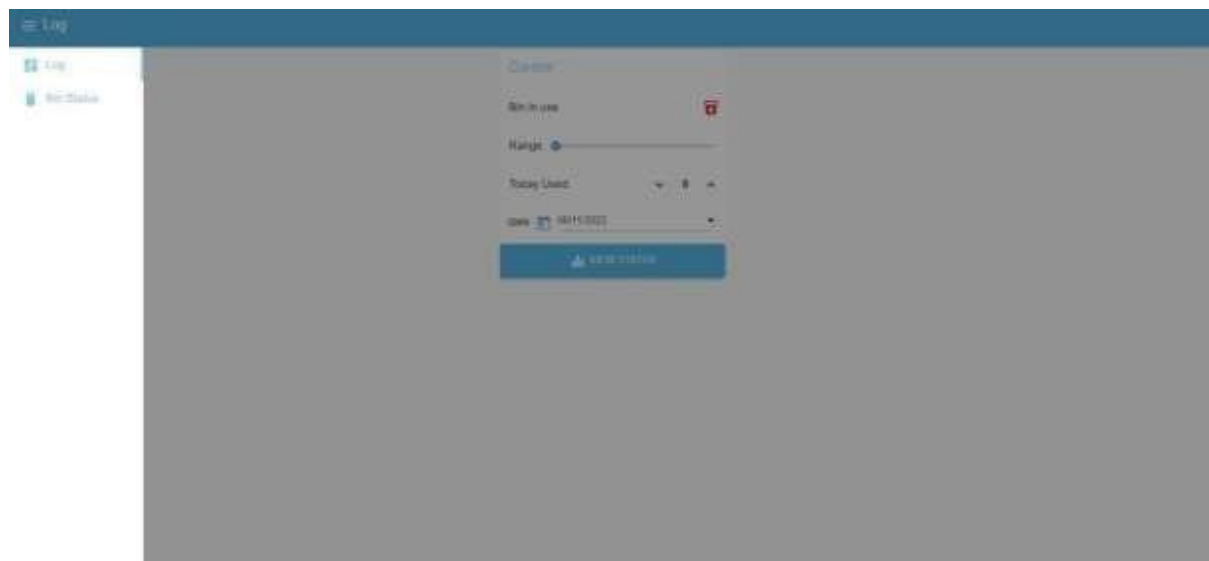
id	key	value
0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{ "rev": "1-cde20d17c519394df...",
0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{ "rev": "1-d26c5b40891e13c6c...",
0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{ "rev": "1-cde20d17c519394df...",
0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{ "rev": "1-996eb04608c16fab0...",
1a921f21cbe22968d599acb45...	1a921f21cbe22968d599acb45...	{ "rev": "1-722c608794cd47b7c...",
1a921f21cbe22968d599acb45...	1a921f21cbe22968d599acb45...	{ "rev": "1-1b5d9a985ba56c9...",
20a854e5445fab18e6c1de049...	20a854e5445fab18e6c1de049...	{ "rev": "1-722c608794cd47b7c...",
20a854e5445fab18e6c1de049...	20a854e5445fab18e6c1de049...	{ "rev": "1-1ad200ac9ad57039e...",
20a854e5445fab18e6c1de049...	20a854e5445fab18e6c1de049...	{ "rev": "1-1b5d9a985ba56c9...",
298e6d6b9b3b115f5ac7c061e...	298e6d6b9b3b115f5ac7c061e...	{ "rev": "1-1de72406e570393b9...",

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

