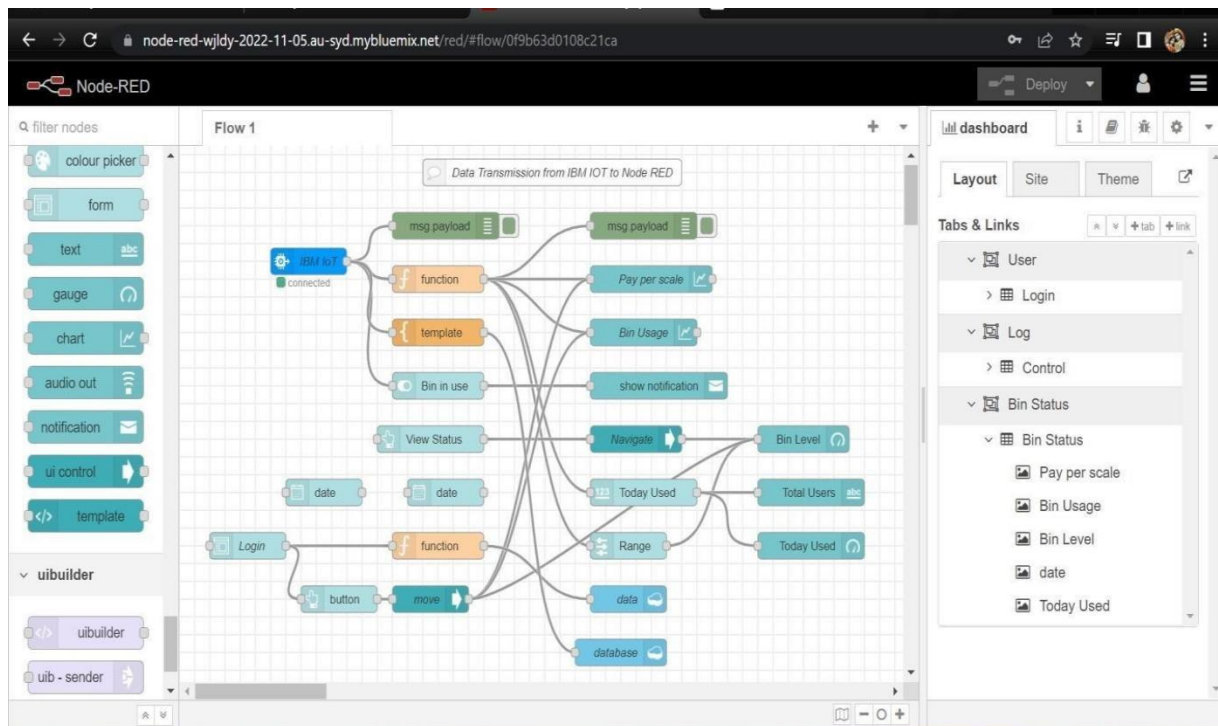


Delivery of Sprint – 4

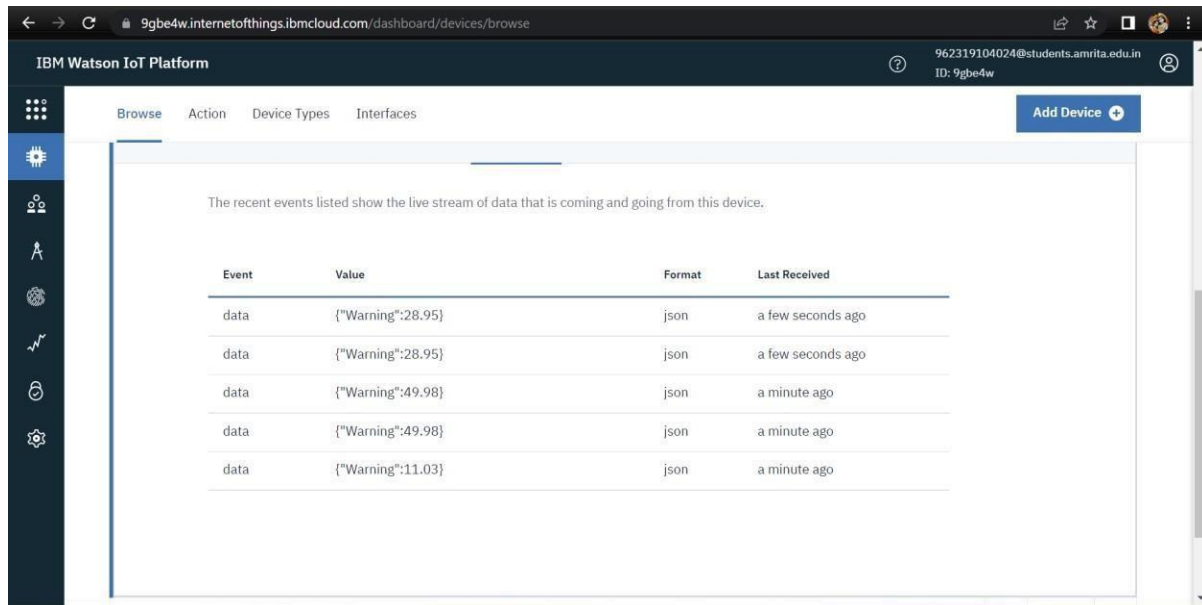
Web UI Design and Deploy

Date	9 November 2022
Team ID	PNT2022TMID31883
Project Name	Smart Waste Management System for Metropolitan Cities

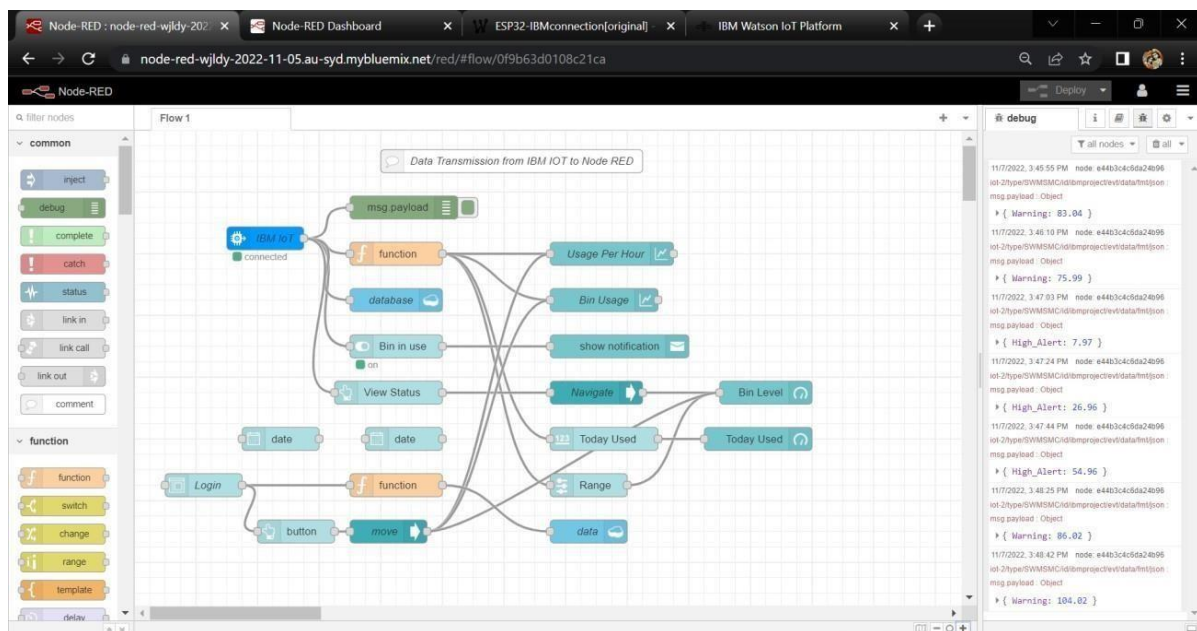
1. Node-RED Connection setup for data transmission from IBM Watson IOT platform to Node-RED dashboard.



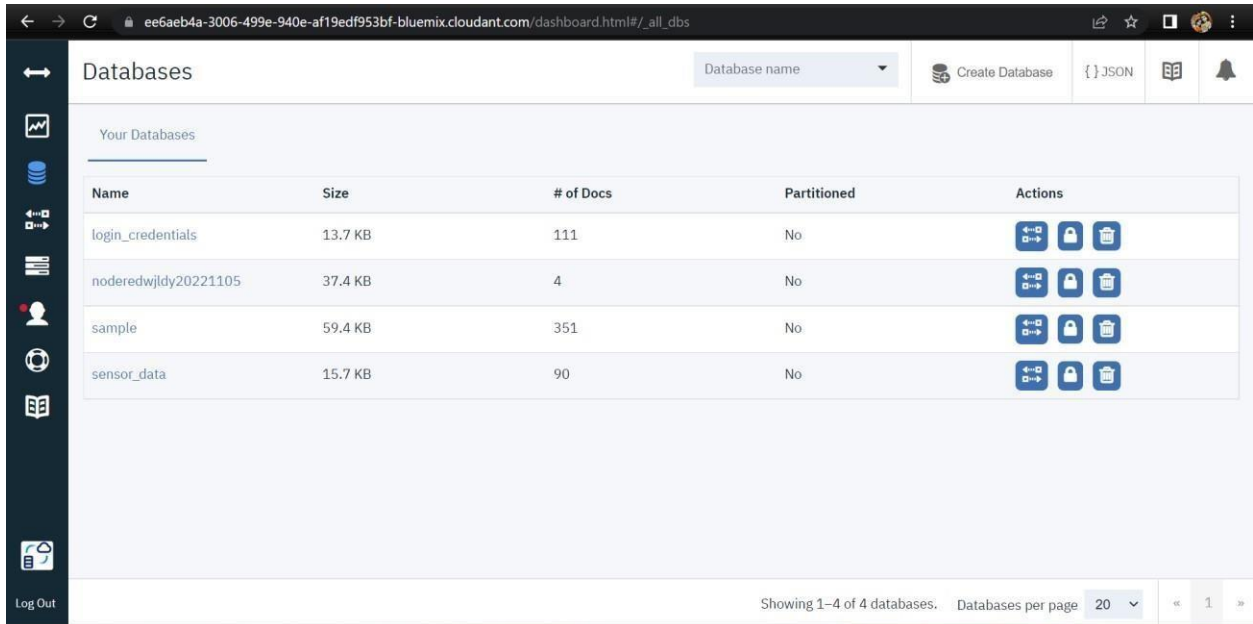
3. Data transfer to Watson IOT platform.



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



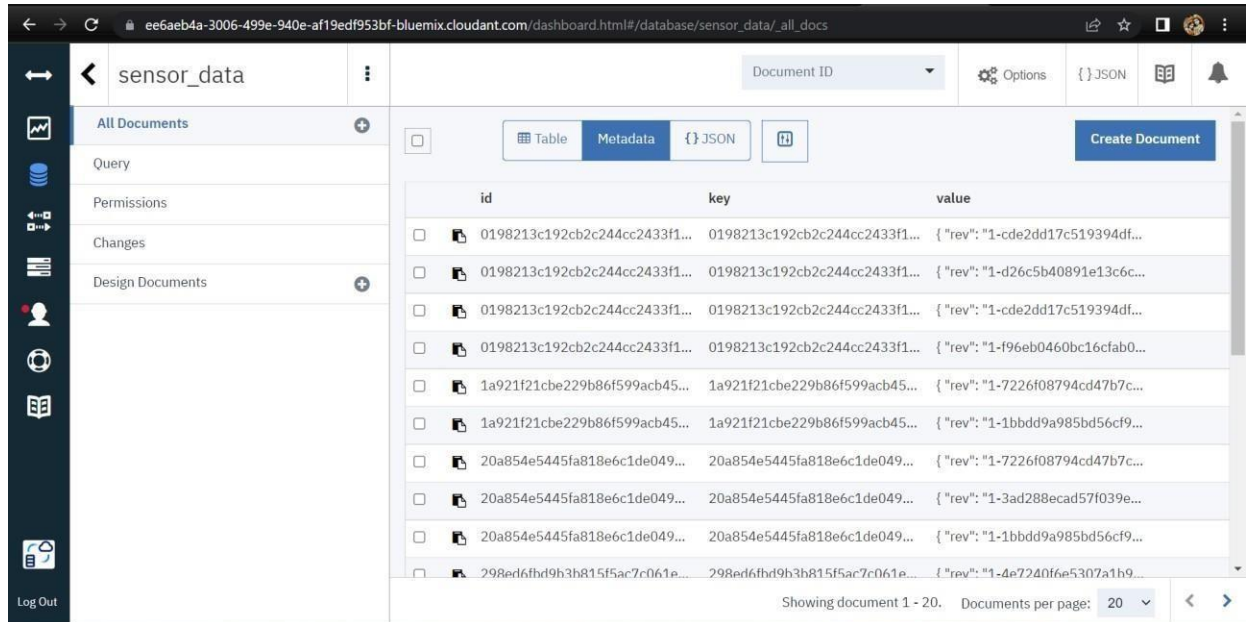
5 . Storing database in IBM cloudant DB.



The screenshot shows the IBM Cloudant Databases dashboard. The URL is `ee6aeb4a-3006-499e-940e-af19edf953bf-bluemix.cloudant.com/dashboard.html#/all_dbs`. The page title is "Databases". There is a "Database name" dropdown, a "Create Database" button, and icons for JSON, a book, and a bell. The main section is "Your Databases" and contains a table with the following data:

Name	Size	# of Docs	Partitioned	Actions
login_credentials	13.7 KB	111	No	[Icons: Add, Edit, Delete]
noderedwjldy20221105	37.4 KB	4	No	[Icons: Add, Edit, Delete]
sample	59.4 KB	351	No	[Icons: Add, Edit, Delete]
sensor_data	15.7 KB	90	No	[Icons: Add, Edit, Delete]

At the bottom, it says "Showing 1-4 of 4 databases. Databases per page 20" with navigation arrows.

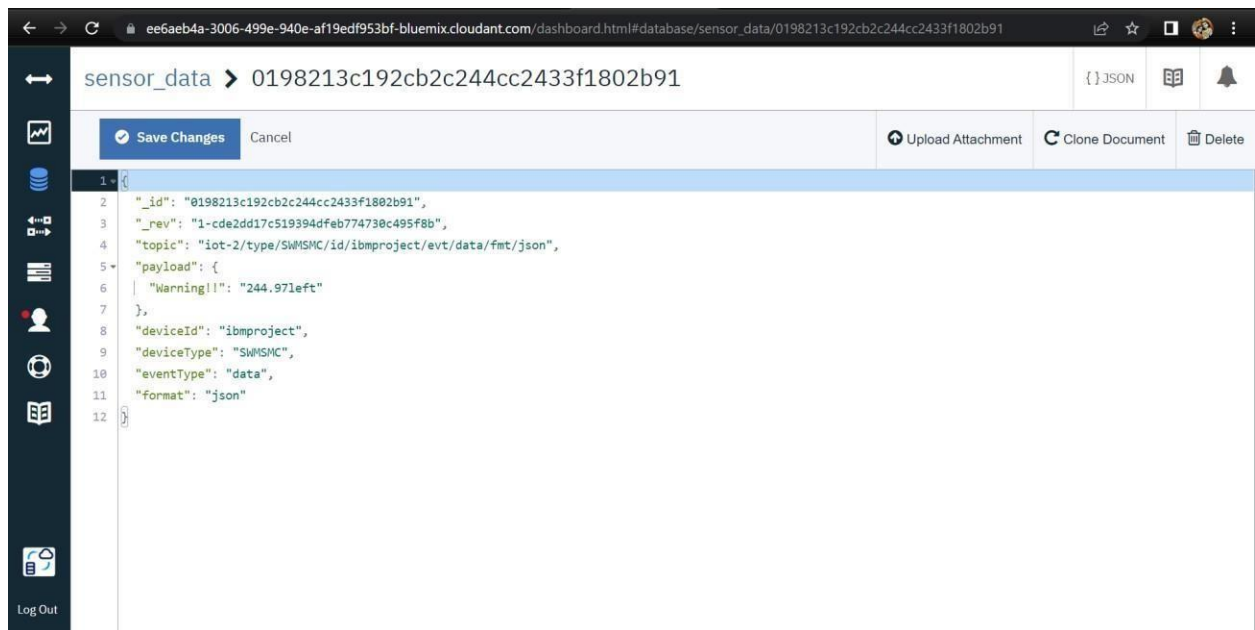


The screenshot shows the IBM Cloudant document view for the "sensor_data" database. The URL is `ee6aeb4a-3006-499e-940e-af19edf953bf-bluemix.cloudant.com/dashboard.html#/database/sensor_data/all_docs`. The page title is "sensor_data". There is a "Document ID" dropdown, "Options" button, and icons for JSON, a book, and a bell. The main section is "All Documents" and contains a table with the following data:

id	key	value
0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{ "rev": "1-cde2dd17c519394df..." }
0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{ "rev": "1-d26c5b40891e13c6c..." }
0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{ "rev": "1-cde2dd17c519394df..." }
0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{ "rev": "1-f96eb0460bc16cfab0..." }
1a921f21cbe229b86f599acb45...	1a921f21cbe229b86f599acb45...	{ "rev": "1-7226f08794cd47b7c..." }
1a921f21cbe229b86f599acb45...	1a921f21cbe229b86f599acb45...	{ "rev": "1-1bbdd9a985bd56cf9..." }
20a854e5445fa818e6c1de049...	20a854e5445fa818e6c1de049...	{ "rev": "1-7226f08794cd47b7c..." }
20a854e5445fa818e6c1de049...	20a854e5445fa818e6c1de049...	{ "rev": "1-3ad288ecad57f039e..." }
20a854e5445fa818e6c1de049...	20a854e5445fa818e6c1de049...	{ "rev": "1-1bbdd9a985bd56cf9..." }
298ed6fhd9b3b815f5ac7c061e...	298ed6fhd9b3b815f5ac7c061e...	{ "rev": "1-4e7240f6e5307a1h9..." }

At the bottom, it says "Showing document 1 - 20. Documents per page: 20" with navigation arrows.

6. Data is stored in JSON format



7. Web UI

