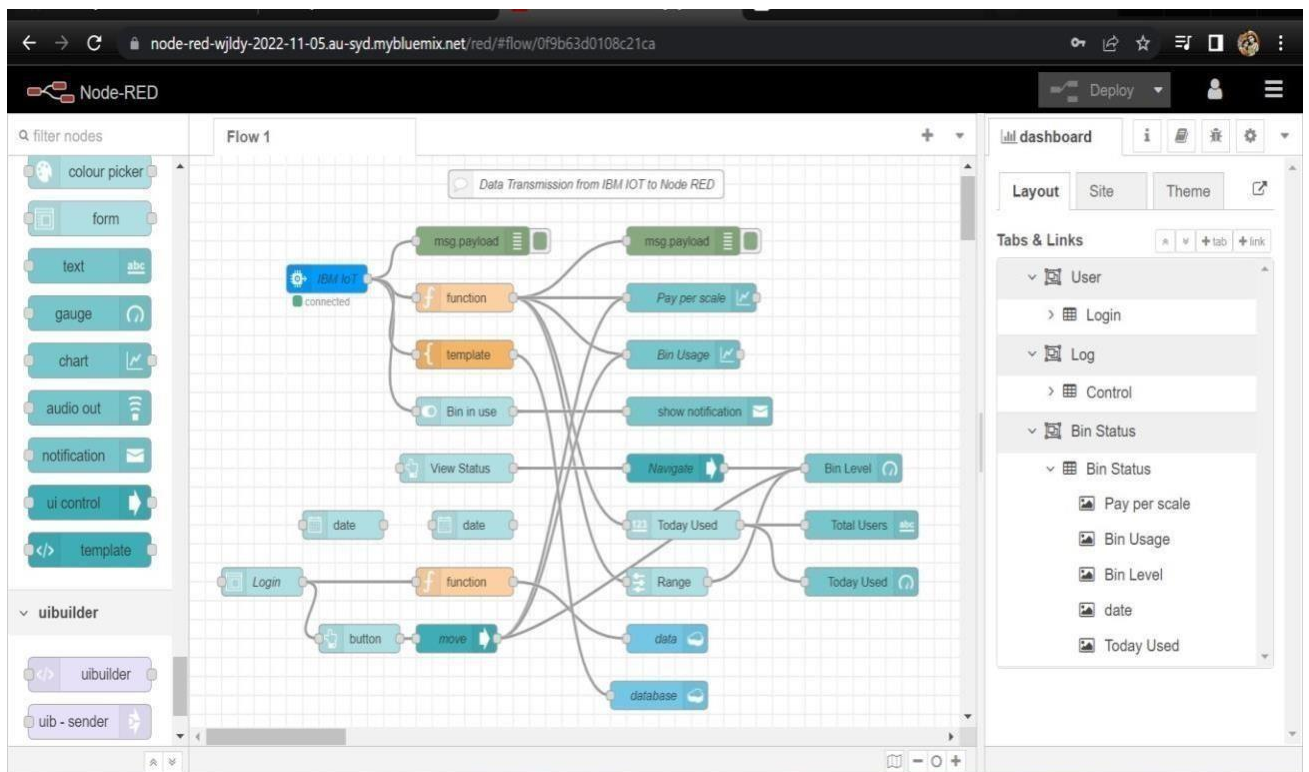


Web UI Design and Deploy

| | |
|---------------------|---|
| Date | 11 November 2022 |
| Team ID | PNT2022TMID05191 |
| Project Name | Smart waste management system for metropolitan cities. |

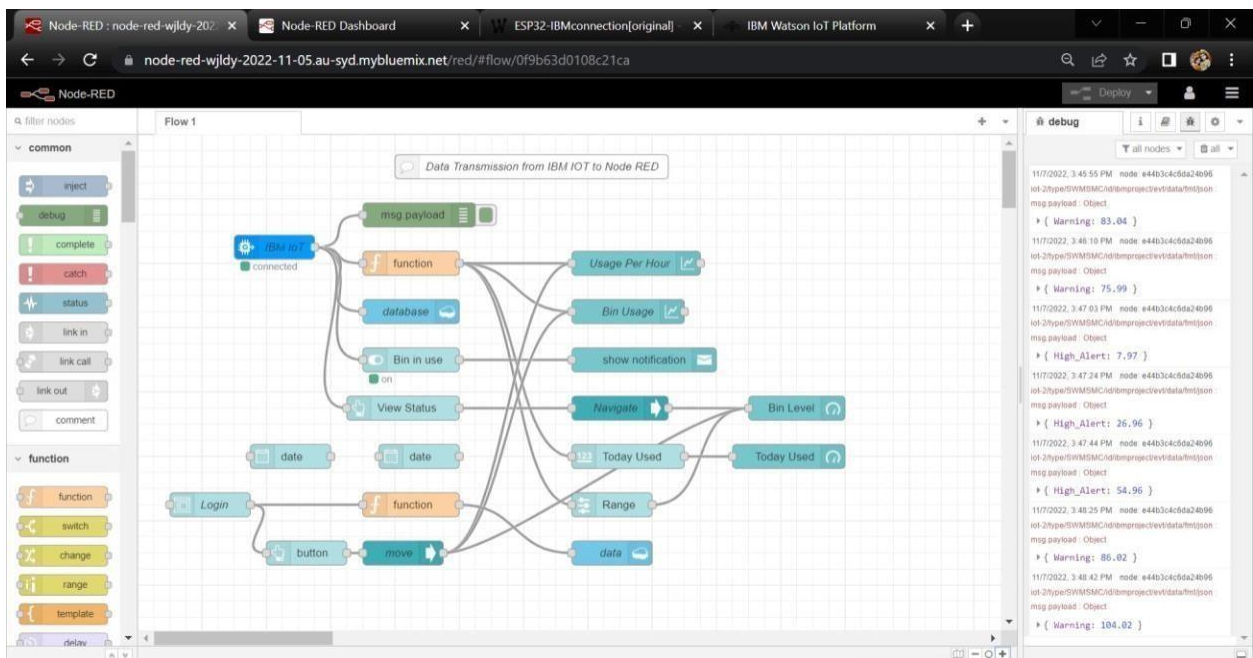
1. Node-RED Connection setup for data transmission from IBM Watson IOT platform to Node-RED dashboard.



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":49.98} | json | a minute ago |
| data | {"Warning":11.03} | json | a minute ago |

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



5 . Storing database in IBM cloudant DB.

ee6aeb4a-3006-499e-940e-af19edf953bf-bluemix.cloudant.com/dashboard.html#/all_dbs

Databases

Database name Create Database

Your Databases

| Name | Size | # of Docs | Partitioned | Actions |
|-----------------------|---------|-----------|-------------|---|
| login_credentials | 13.7 KB | 111 | No | <input type="button" value="🔍"/> <input type="button" value="🔒"/> <input type="button" value="🗑️"/> |
| noderedwjlidy20221105 | 37.4 KB | 4 | No | <input type="button" value="🔍"/> <input type="button" value="🔒"/> <input type="button" value="🗑️"/> |
| sample | 59.4 KB | 351 | No | <input type="button" value="🔍"/> <input type="button" value="🔒"/> <input type="button" value="🗑️"/> |
| sensor_data | 15.7 KB | 90 | No | <input type="button" value="🔍"/> <input type="button" value="🔒"/> <input type="button" value="🗑️"/> |

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

ee6aeb4a-3006-499e-940e-af19edf953bf-bluemix.cloudant.com/dashboard.html#/database/sensor_data/all_docs

sensor_data

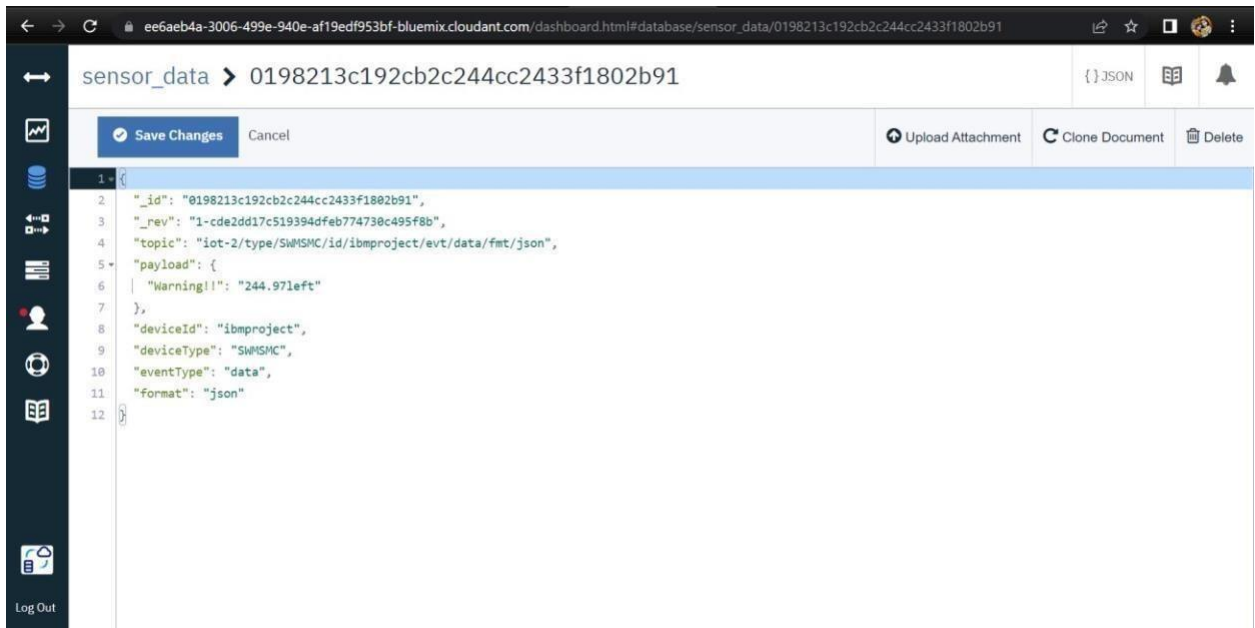
Document ID Options

All Documents Query Permissions Changes Design Documents

| | id | key | value |
|--------------------------|-------------------------------|-------------------------------|------------------------------------|
| <input type="checkbox"/> | 0198213c192cb2c244cc2433f1... | 0198213c192cb2c244cc2433f1... | {"rev": "1-cde2dd17c519394df..."} |
| <input type="checkbox"/> | 0198213c192cb2c244cc2433f1... | 0198213c192cb2c244cc2433f1... | {"rev": "1-d26c5b40891e13c6c..."} |
| <input type="checkbox"/> | 0198213c192cb2c244cc2433f1... | 0198213c192cb2c244cc2433f1... | {"rev": "1-cde2dd17c519394df..."} |
| <input type="checkbox"/> | 0198213c192cb2c244cc2433f1... | 0198213c192cb2c244cc2433f1... | {"rev": "1-196eb0460bc16cfab0..."} |
| <input type="checkbox"/> | 1a921f21cbe229b86f599acb45... | 1a921f21cbe229b86f599acb45... | {"rev": "1-7226f08794cd47b7c..."} |
| <input type="checkbox"/> | 1a921f21cbe229b86f599acb45... | 1a921f21cbe229b86f599acb45... | {"rev": "1-1bbdd9a985bd56cf9..."} |
| <input type="checkbox"/> | 20a854e5445fa818e6c1de049... | 20a854e5445fa818e6c1de049... | {"rev": "1-7226f08794cd47b7c..."} |
| <input type="checkbox"/> | 20a854e5445fa818e6c1de049... | 20a854e5445fa818e6c1de049... | {"rev": "1-3ad288ecad57f039e..."} |
| <input type="checkbox"/> | 20a854e5445fa818e6c1de049... | 20a854e5445fa818e6c1de049... | {"rev": "1-1bbdd9a985bd56cf9..."} |
| <input type="checkbox"/> | 298ed6fbd9b3b815f5ac7c061e... | 298ed6fbd9b3b815f5ac7c061e... | {"rev": "1-4e7240f6e5307a1b9..."} |

Showing document 1 - 20. Documents per page: 20

6. Data is stored in JSON format



7. Web UI

