

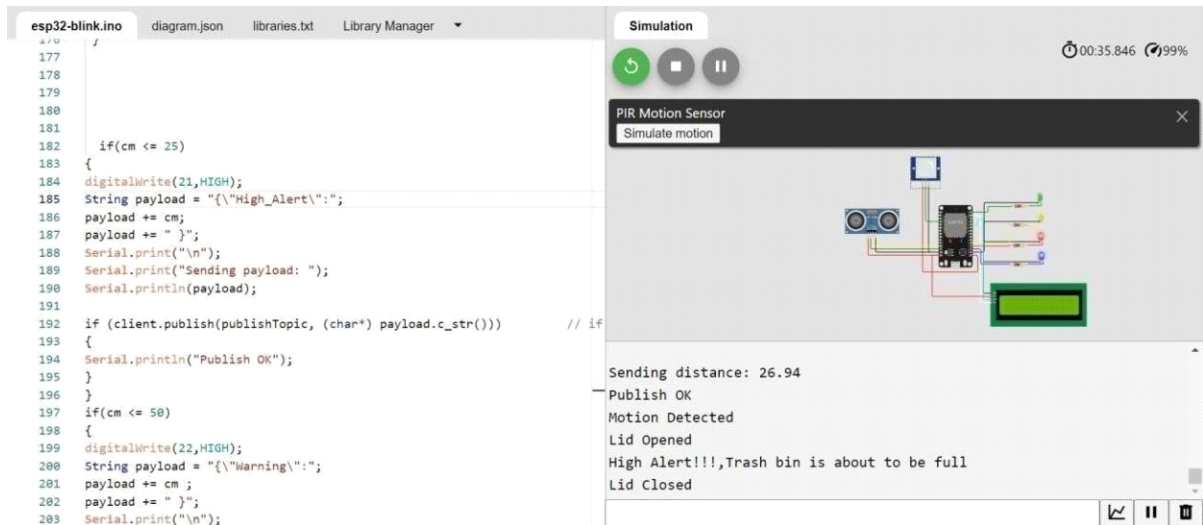
DELIVERY OF SPRINT -3

Node Red Connection to IBM Cloudant

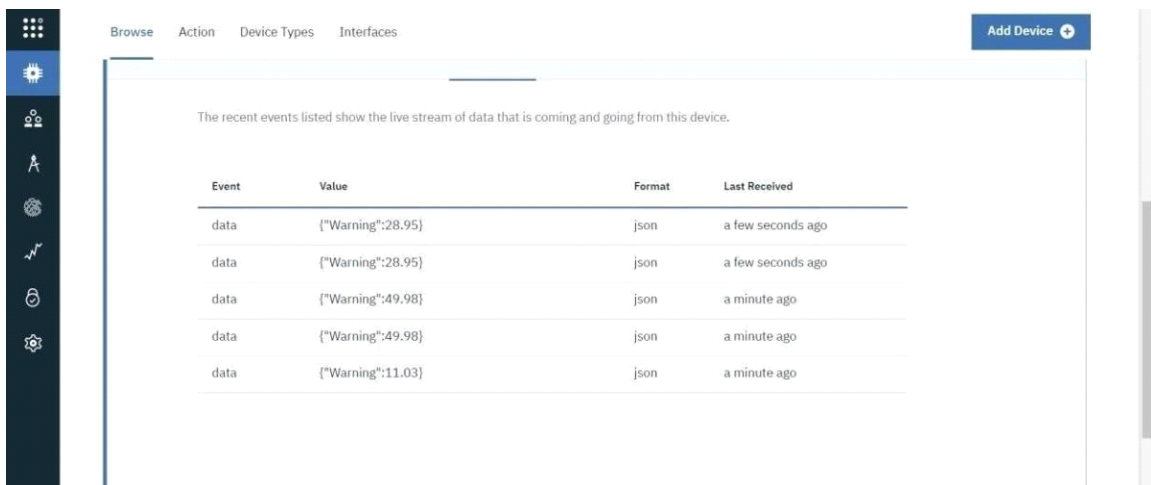
| | |
|---------------------|---|
| Date | 10 November 2022 |
| Team ID | PNT2022TMID49848 |
| Project Name | Smart Waste Management for Metropolitan Cities |

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

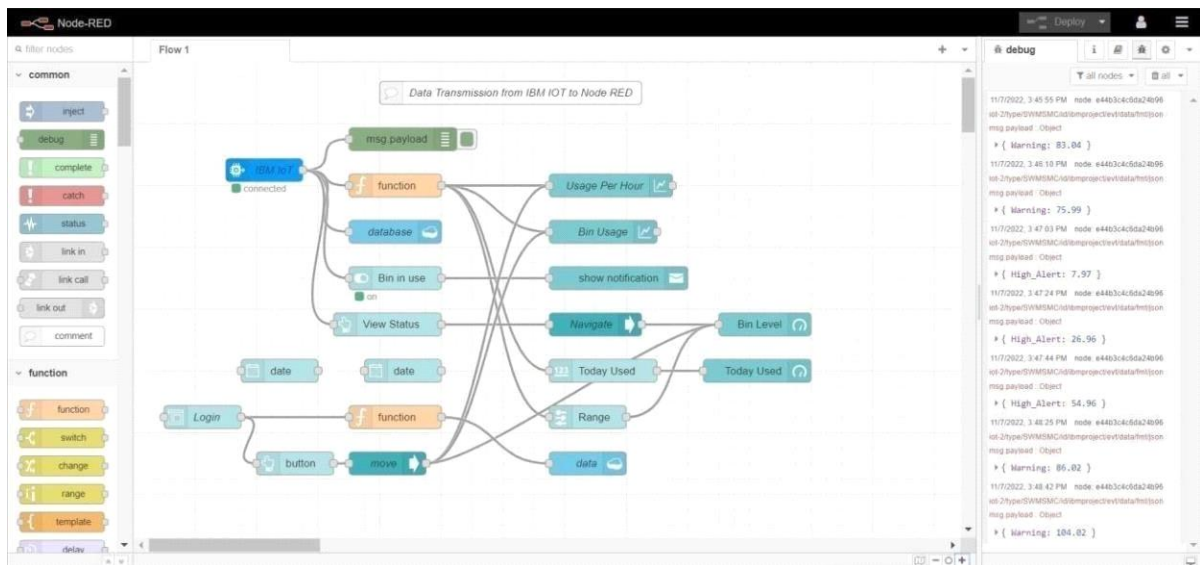
- Simulate Wokwi connection to transmit data from wokwi account to IBM Watson IOT platform and then to Node Red dashboard.



- Data transfer to Watson IOT platform.



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



- Storing database in IBM cloudant DB.













Databases

Database name

Create Database

{ } JSON

Your Databases

| Name | Size | # of Docs | Partitioned | Actions |
|-----------------------|---------|-----------|-------------|---|
| login_credentials | 13.7 KB | 111 | No |    |
| noderedwjlidy20221105 | 37.4 KB | 4 | No |    |
| sample | 59.4 KB | 351 | No |    |
| sensor_data | 15.7 KB | 90 | No |    |

Log Out

Showing 1–4 of 4 databases. Databases per page 20

« 1 »

| | | | | |
|------------------|-------------|----------|----------|-----------------|
| sensor_data | Document ID | Options | { } JSON | |
| All Documents | Table | Metadata | { } JSON | Create Document |
| Query | | | | |
| Permissions | | | | |
| Changes | | | | |
| Design Documents | | | | |
| Log Out | | | | |

| id | key | value |
|--------------------------|-------------------------------|--|
| <input type="checkbox"/> | 0198213c192cb2c244cc2433f1... | 0198213c192cb2c244cc2433f1... {"rev": "1-cde2dd17c519394df... |
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Showing document 1 - 20. Documents per page: 20

- Data is stored in JSON format

| | | | | |
|--------------|----------------------------------|-------------------|----------------|--------|
| sensor_data | 0198213c192cb2c244cc2433f1802b91 | { } JSON | | |
| Save Changes | Cancel | Upload Attachment | Clone Document | Delete |
| 1 | | | | |
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