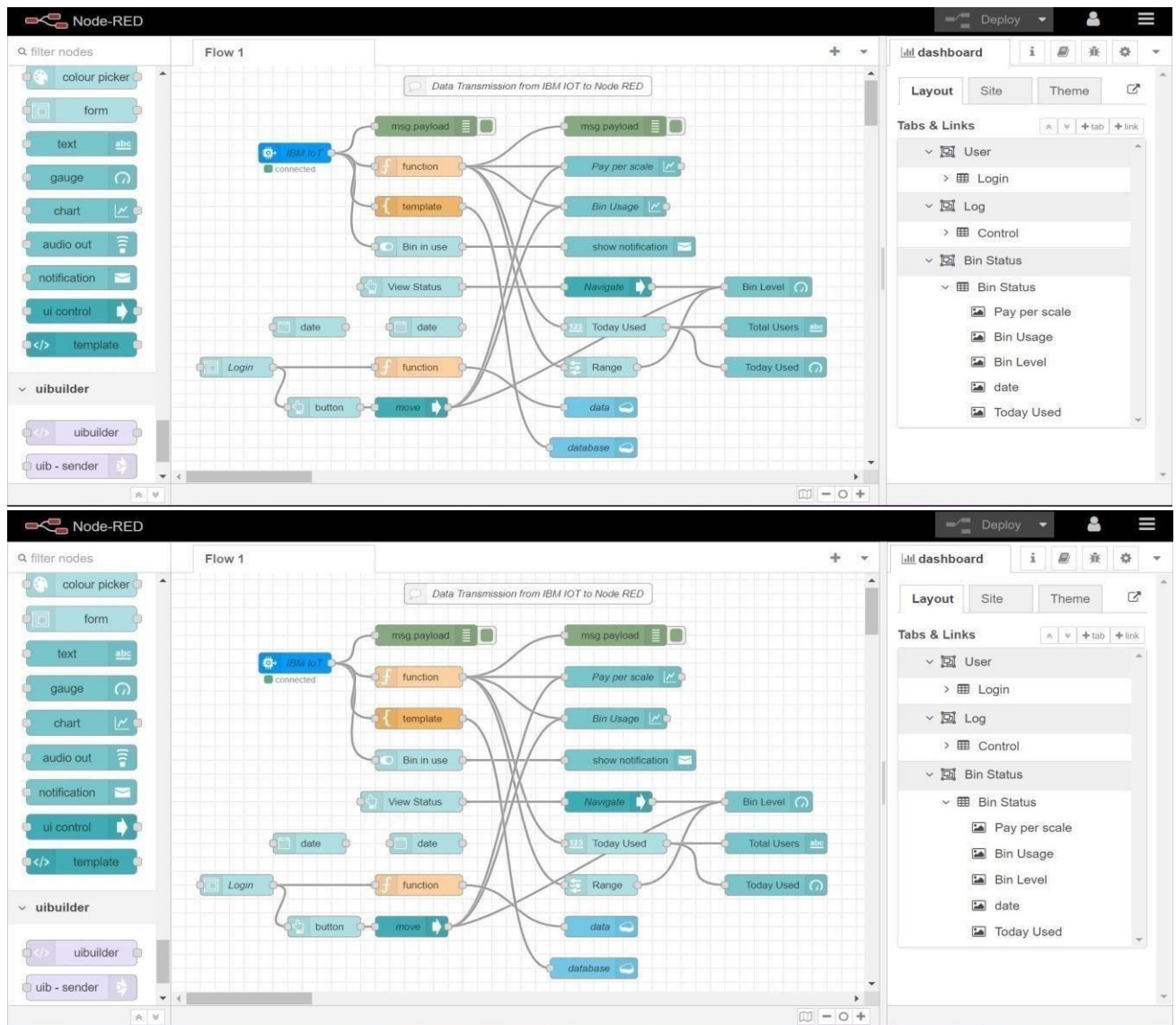


Delivery of Sprint – 3

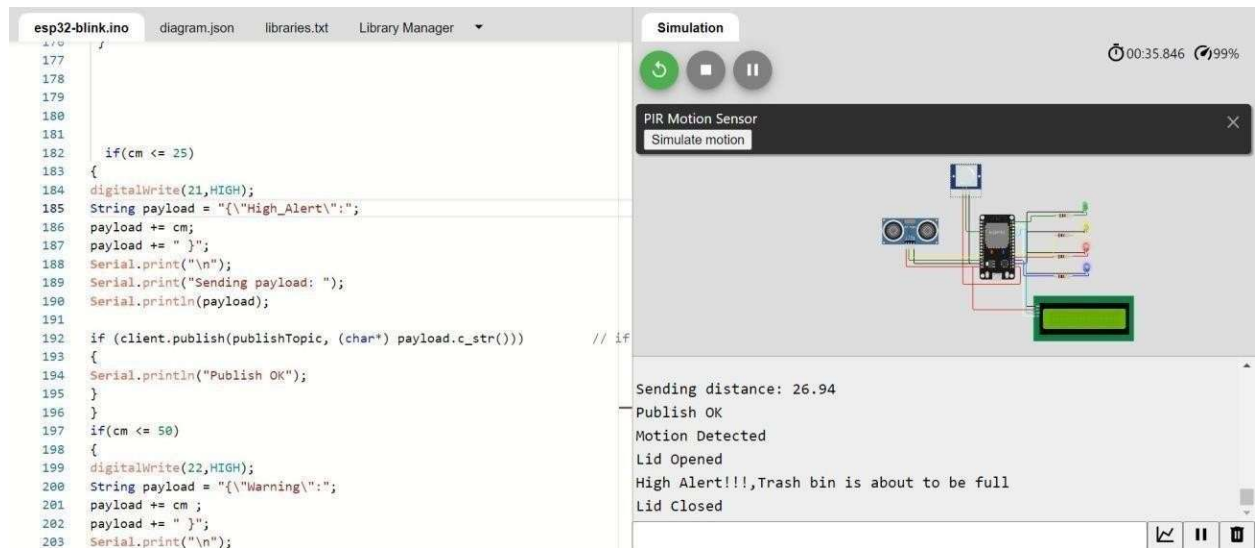
Node Red Connection to IBM Cloudant

| | |
|---------------------|---|
| Date | 10 November 2022 |
| Team ID | PNT2022TMID14336 |
| 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.



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



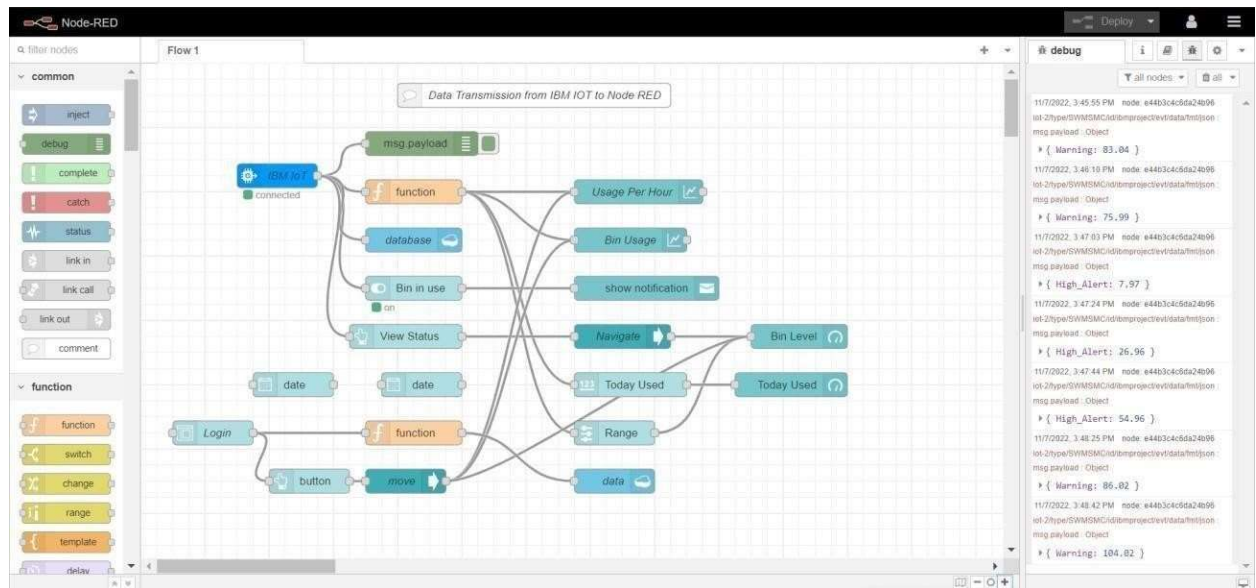
3. Data transfer to Watson IOT platform.

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

Browse Action Device Types Interfaces Add Device +

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 |



5. 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 | <div></div> <div></div> <div></div> |
| noderedwjldy20221105 | 37.4 KB | 4 | No | <div></div> <div></div> <div></div> |
| sample | 59.4 KB | 351 | No | <div></div> <div></div> <div></div> |
| sensor_data | 15.7 KB | 90 | No | <div></div> <div></div> <div></div> |

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

