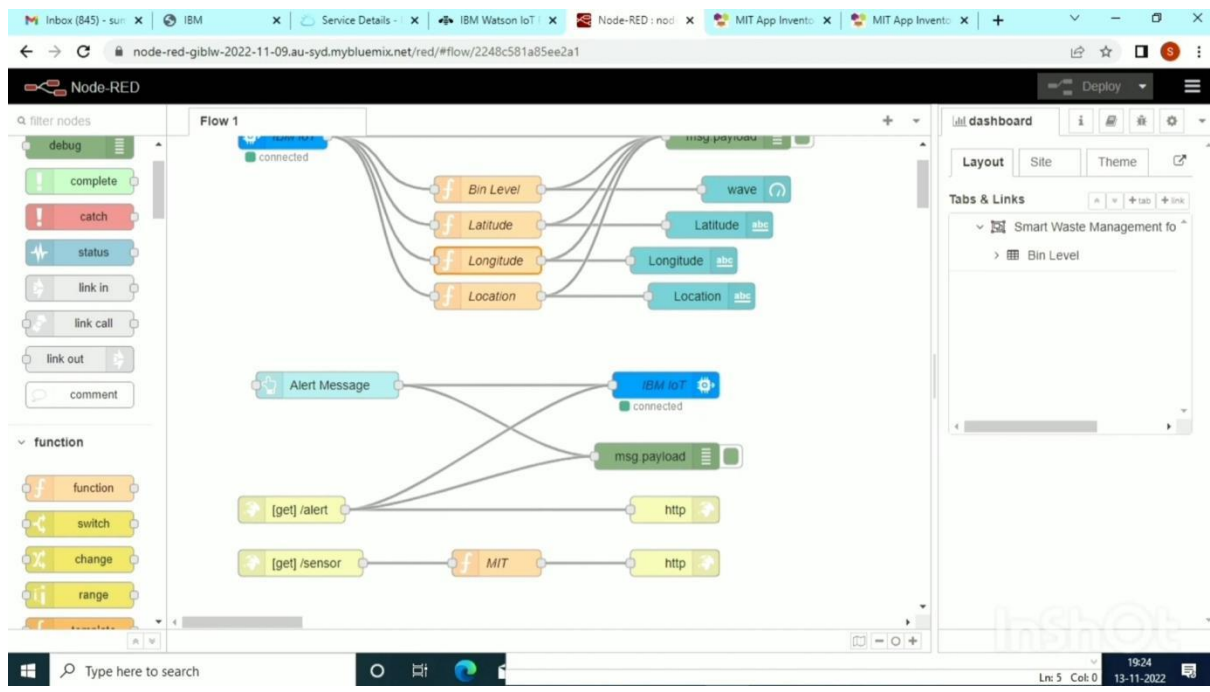
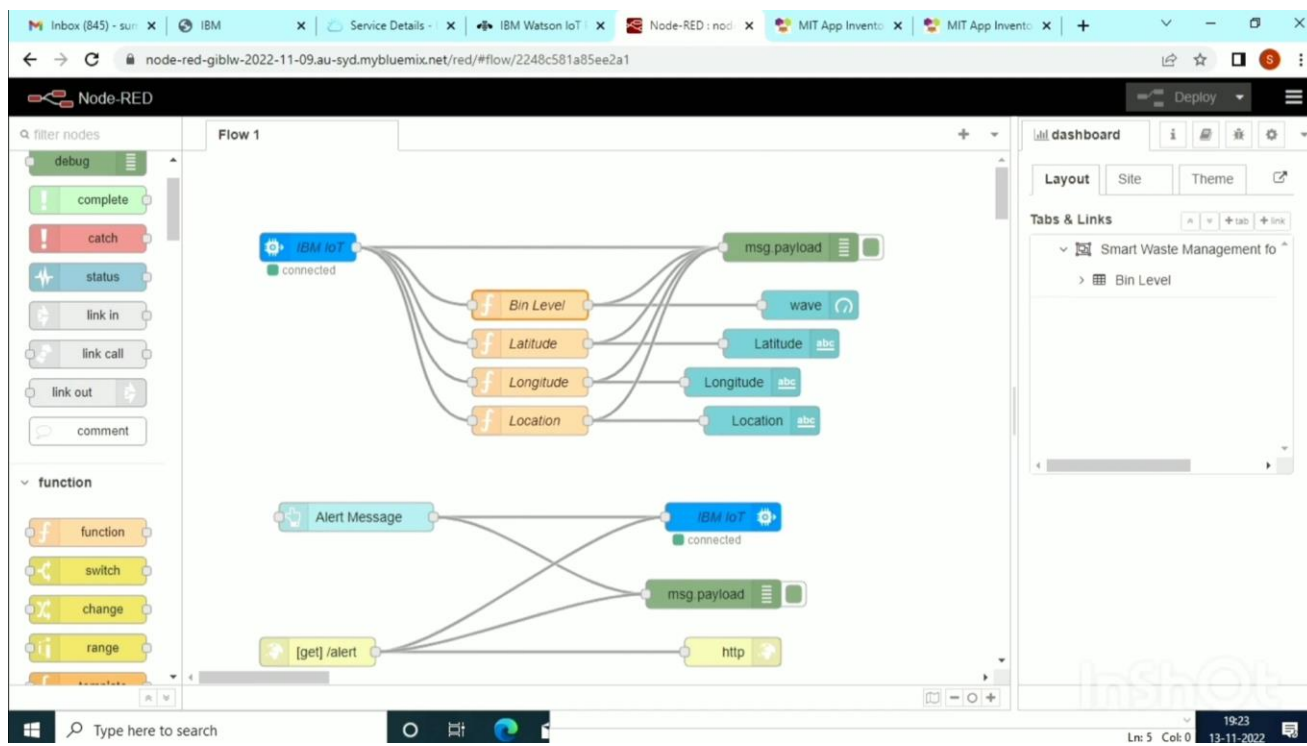


Sprint-4

| | |
|--------------|--|
| DATE | 18 November 2022 |
| TEAM ID | PNT2022TMID13267 |
| PROJECT NAME | SMART WASTE MANAGEMENT FOR METROPOLITAN CITIES |

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





Storing database in IBM cloudant DB.

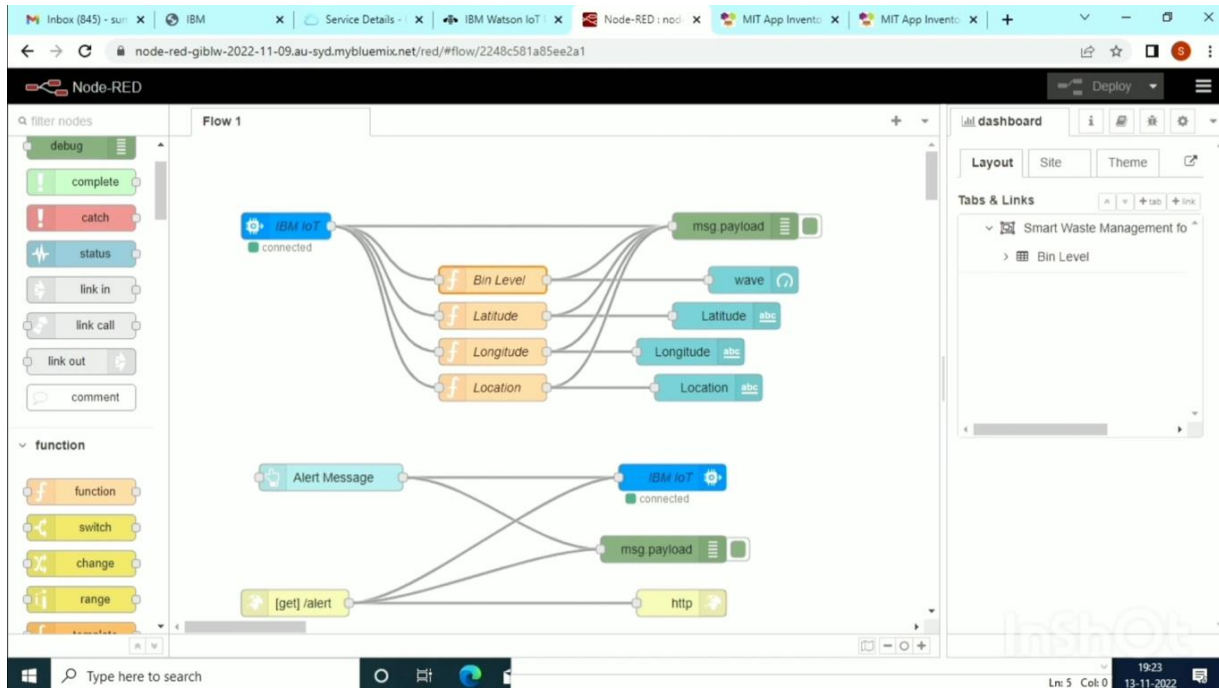
Databases

Database name Create Database

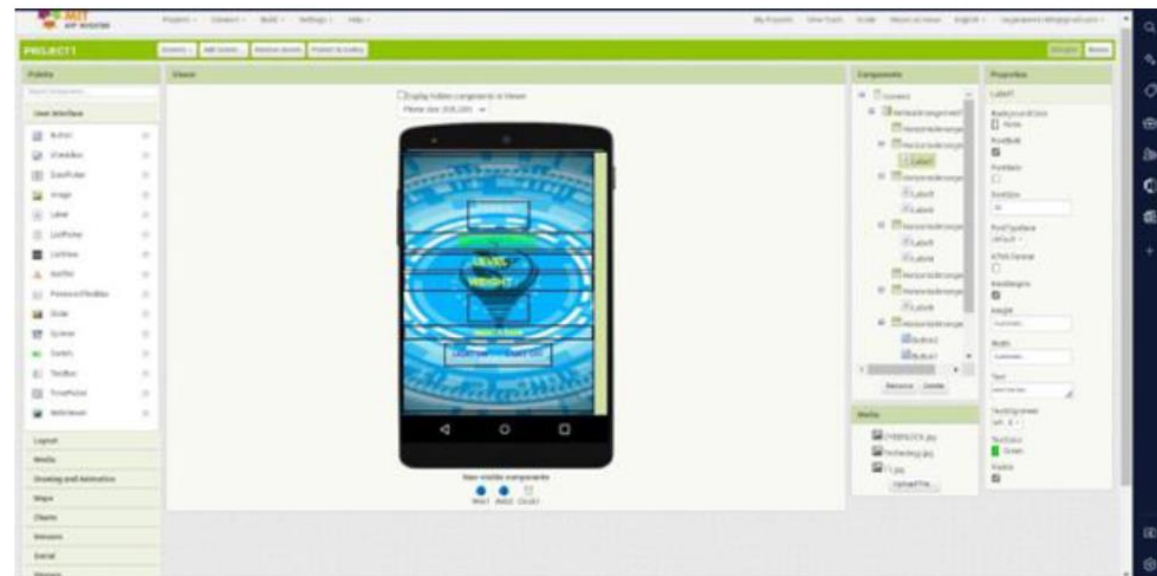
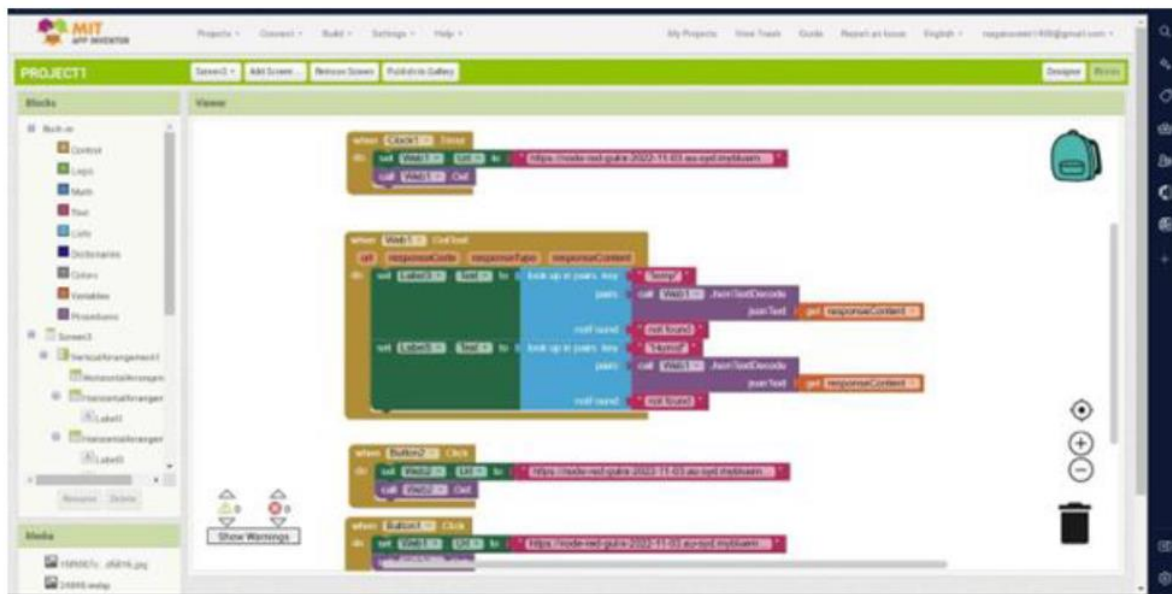
Your Databases

| Name | Size | # of Docs | Partitioned | Actions |
|---------------------|---------|-----------|-------------|--|
| login_credentials | 13.7 KB | 111 | No | <input type="button" value="Add"/> <input type="button" value="Lock"/> <input type="button" value="Delete"/> |
| noderedwjdy20221105 | 37.4 KB | 4 | No | <input type="button" value="Add"/> <input type="button" value="Lock"/> <input type="button" value="Delete"/> |
| sample | 59.4 KB | 351 | No | <input type="button" value="Add"/> <input type="button" value="Lock"/> <input type="button" value="Delete"/> |
| sensor_data | 15.7 KB | 90 | No | <input type="button" value="Add"/> <input type="button" value="Lock"/> <input type="button" value="Delete"/> |

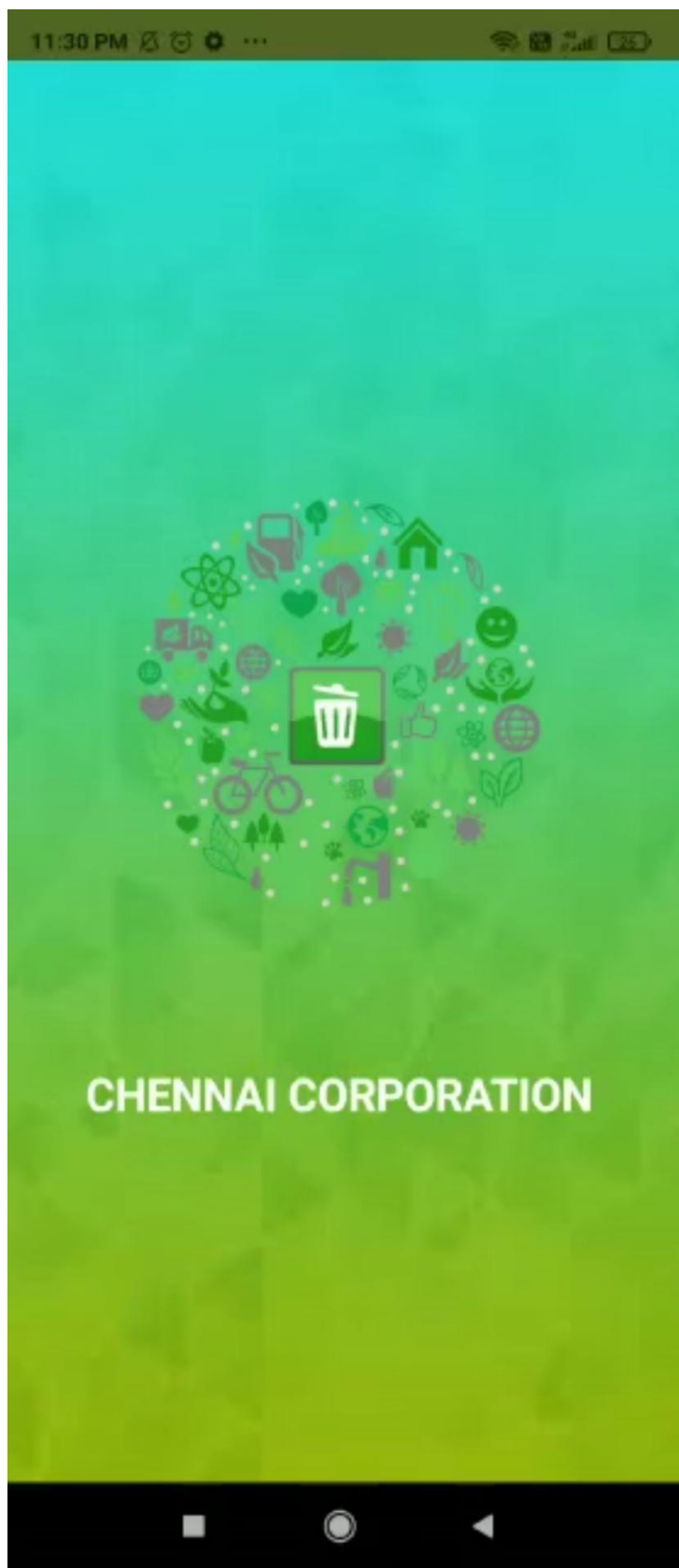
Web UI:



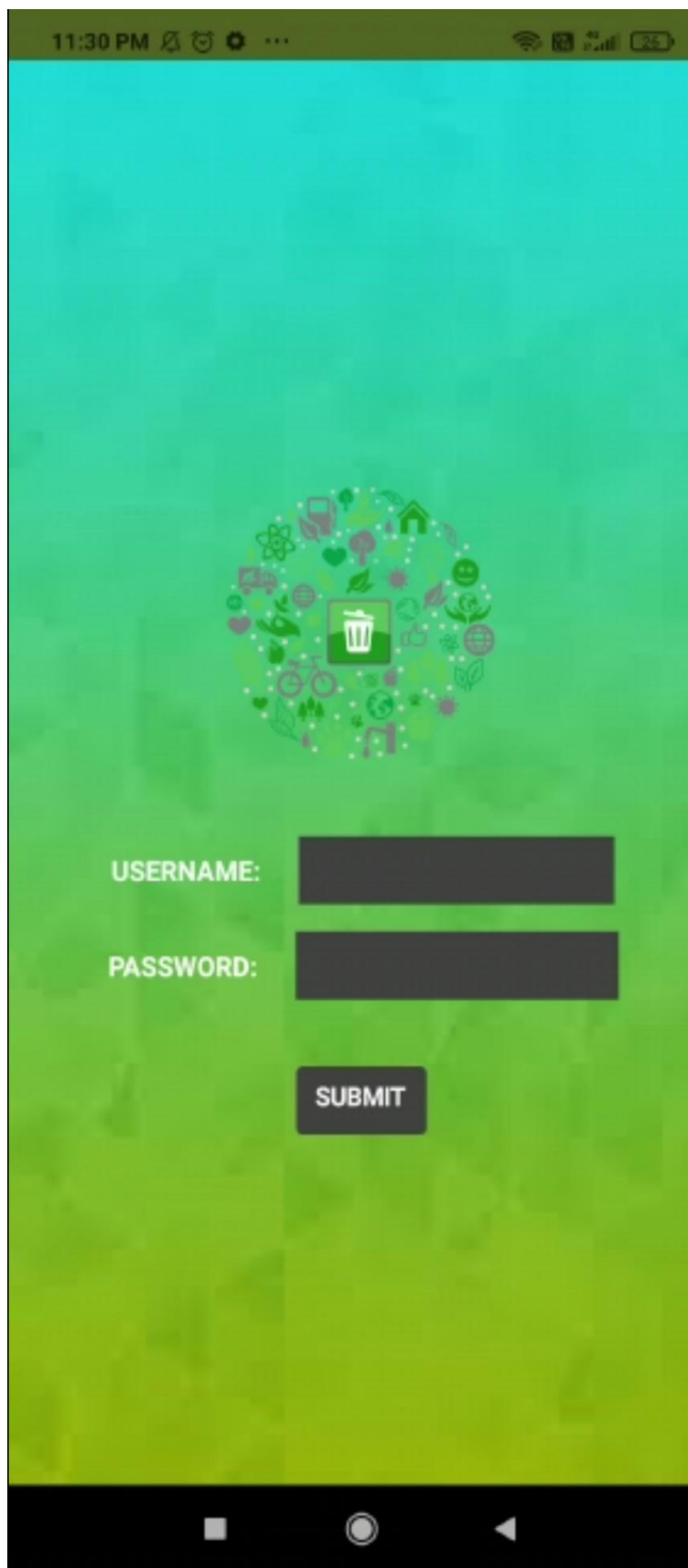
MIT app inventor:



Mobile App screen 1:

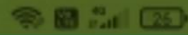


Mobile App screen 2:



Mobile App screen 3:

11:30 PM



AREA:CHROME PET

GARBAGE LEVEL IN BIN 1(cm) : NA

WEIGHT OF THE GARBAGE IN BIN 1(kg): NA

CLICK HERE TO KNOW THE LOCATION OF THE BINS

CLICK THIS BUTTON AS YOU START THE TRIP TO EMPTY THE BIN

CLICK HERE AFTER THE BIN IS EMPTIED

LOG OUT