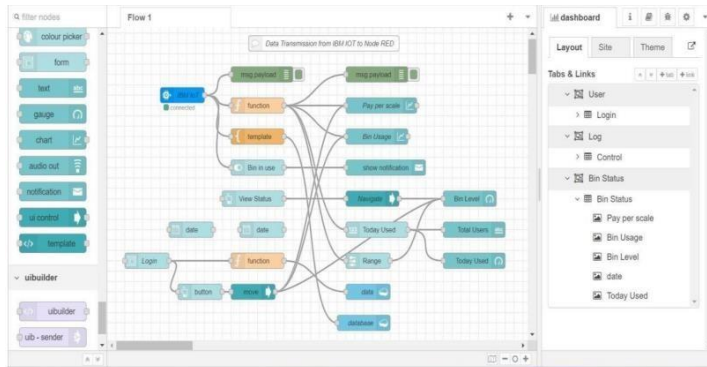


SPRINT 4

Date	12 November 2022
Team ID	PNT2022TMID13627
Project Name	Smart Waste Management System for Metropolitan cities

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



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

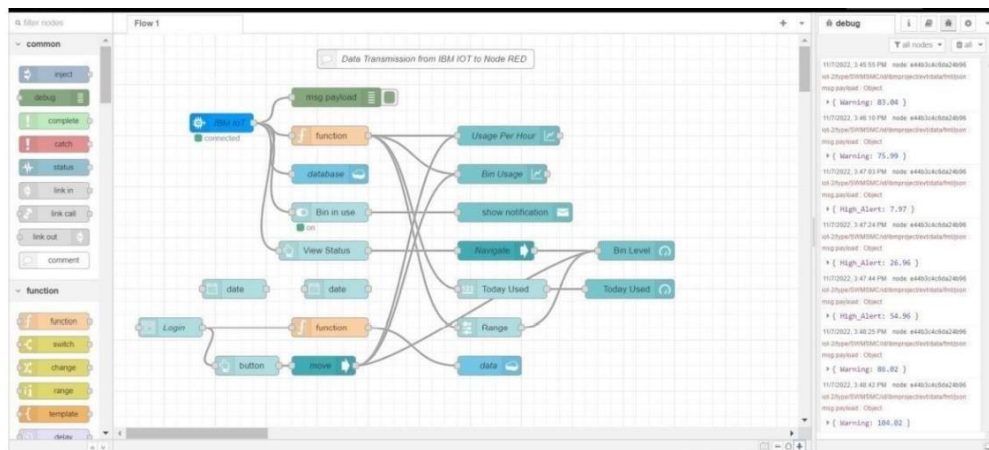


Data transfer to Watson IOT platform.

The screenshot shows the IBM Watson IoT Platform interface. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. The main content area displays a table of recent events. The table has four columns: 'Event', 'Value', 'Format', and 'Last Received'. The data rows show a sequence of events related to a trash bin, including warnings and alerts.

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

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	🔍 🔒 🗑️
noderedwjdy20221105	37.4 KB	4	No	🔍 🔒 🗑️
sample	59.4 KB	351	No	🔍 🔒 🗑️
sensor_data	15.7 KB	90	No	🔍 🔒 🗑️

Data is stored in JSON format

sensor_data > 0198213c192cb2c244cc2433f1802b91

{ } JSON

🔔

Save Changes Cancel

Upload Attachment Clone Document Delete

```

1  {
2    "_id": "0198213c192cb2c244cc2433f1802b91",
3    "_rev": "1-cde2dd17c519394dfeb774738c495f8b",
4    "topic": "iot-2/type/SWMSHC/id/ibmproject/evt/data/fmt/json",
5    "payload": {
6      "Warning!!": "244.97left"
7    },
8    "deviceId": "ibmproject",
9    "deviceType": "SWMSHC",
10   "eventType": "data",
11   "format": "json"
12 }

```

Log Out

Web UI

