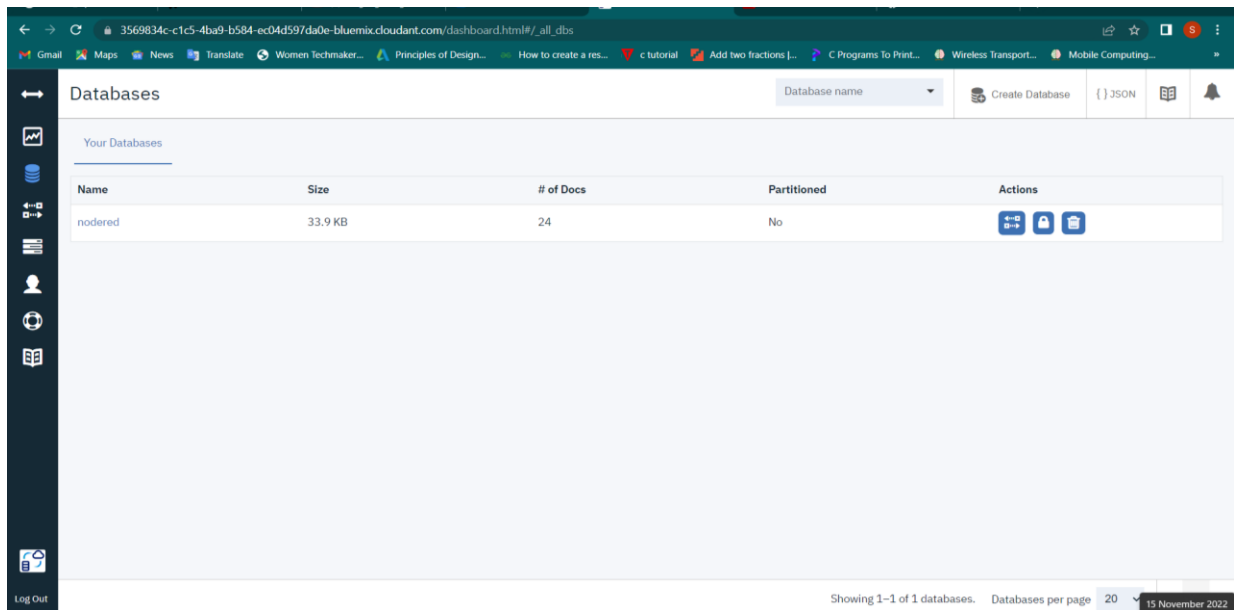


SPRINT - 3

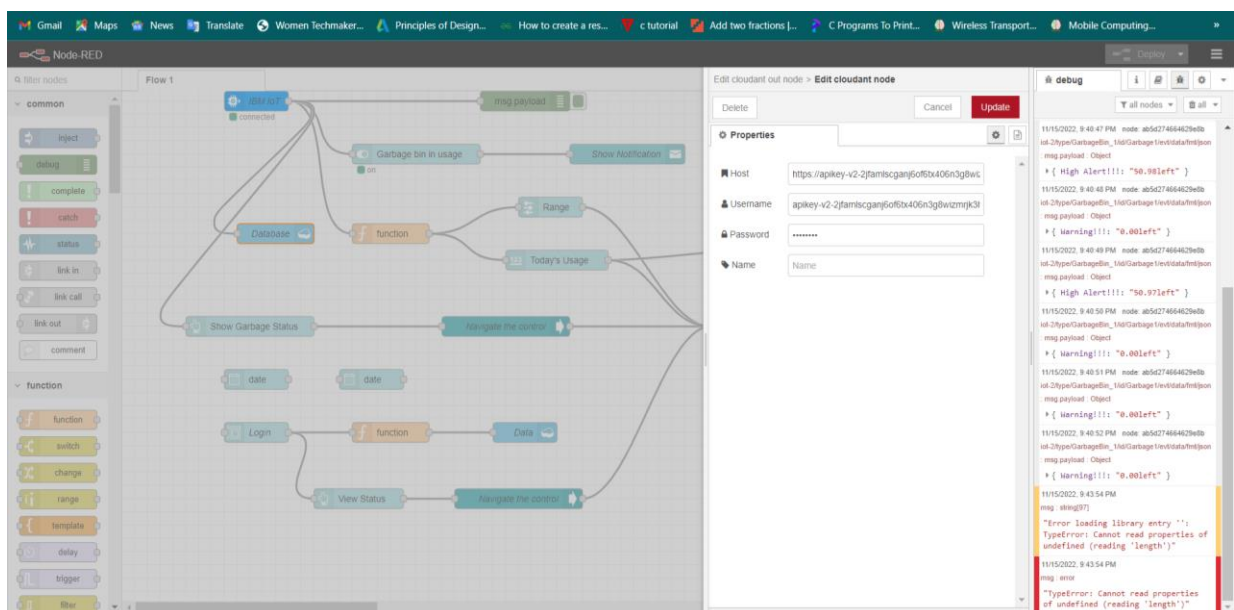
IBM Cloudant creation and Node-Red connection to IBM Cloudant

Date	15 November 2022
Project Name	Smart Waste Management System for Metropolitan Cities
Project ID	PNT2022TMID03917

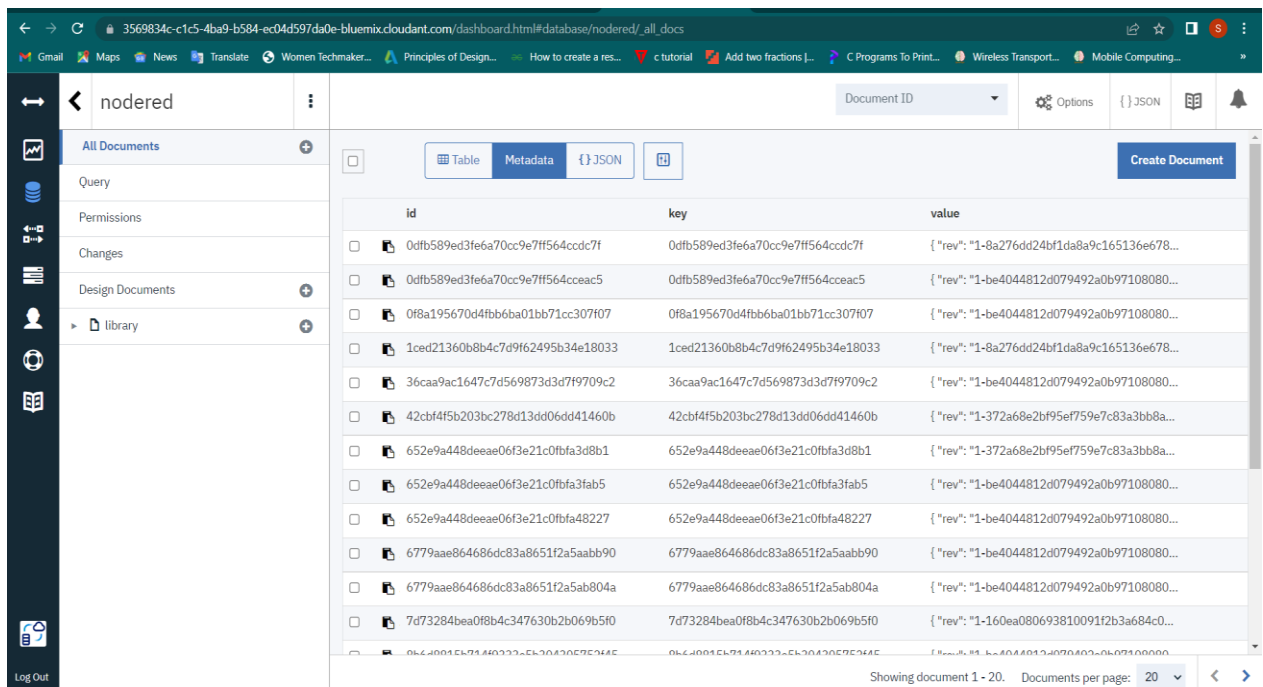
Step 1: Created the database cloudant “nodered” for data storage



Step 2: Database connection with noded using URL, USERNAME & PASSWORD

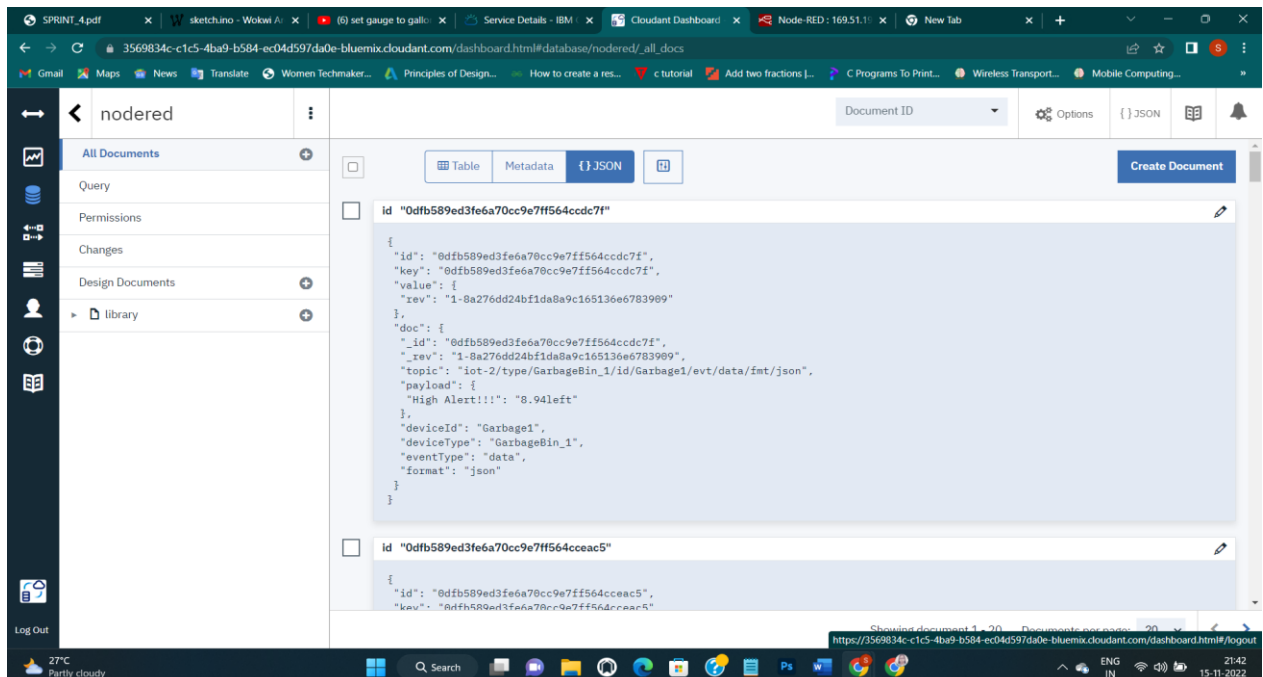


Step 3: Once the node-red is connected with database it displays the data in the cloudant database



id	key	value
0dfb589ed3fe6a70cc9e7ff564ccdc7f	0dfb589ed3fe6a70cc9e7ff564ccdc7f	{ "rev": "1-8a276dd24bf1da8a9c165136e678..."
0dfb589ed3fe6a70cc9e7ff564cceac5	0dfb589ed3fe6a70cc9e7ff564cceac5	{ "rev": "1-be4044812d079492a0b97108080..."
0f8a195670d4fbb6ba01bb71cc307f07	0f8a195670d4fbb6ba01bb71cc307f07	{ "rev": "1-be4044812d079492a0b97108080..."
1ced21360b8b4c7d9f62495b34e18033	1ced21360b8b4c7d9f62495b34e18033	{ "rev": "1-8a276dd24bf1da8a9c165136e678..."
36caa9ac1647c7d569873d3d7f9709c2	36caa9ac1647c7d569873d3d7f9709c2	{ "rev": "1-be4044812d079492a0b97108080..."
42cbf4f5b203bc278d13dd06dd41460b	42cbf4f5b203bc278d13dd06dd41460b	{ "rev": "1-372a68e2bf95ef759e7c83a3bb8a..."
652e9a448deae06f3e21c0fba3d8b1	652e9a448deae06f3e21c0fba3d8b1	{ "rev": "1-372a68e2bf95ef759e7c83a3bb8a..."
652e9a448deae06f3e21c0fba3fab5	652e9a448deae06f3e21c0fba3fab5	{ "rev": "1-be4044812d079492a0b97108080..."
652e9a448deae06f3e21c0fba48227	652e9a448deae06f3e21c0fba48227	{ "rev": "1-be4044812d079492a0b97108080..."
6779aae864686dc83a8651f2a5aabb90	6779aae864686dc83a8651f2a5aabb90	{ "rev": "1-be4044812d079492a0b97108080..."
6779aae864686dc83a8651f2a5ab804a	6779aae864686dc83a8651f2a5ab804a	{ "rev": "1-be4044812d079492a0b97108080..."
7d73284bea0f8b4c347630b2b069b5f0	7d73284bea0f8b4c347630b2b069b5f0	{ "rev": "1-160ea080693810091f2b3a684c0..."

Step 4: Data is stored in JSON format



```
{
  "id": "0dfb589ed3fe6a70cc9e7ff564ccdc7f",
  "key": "0dfb589ed3fe6a70cc9e7ff564ccdc7f",
  "value": {
    "rev": "1-8a276dd24bf1da8a9c165136e6783909"
  },
  "doc": {
    "_id": "0dfb589ed3fe6a70cc9e7ff564ccdc7f",
    "_rev": "1-8a276dd24bf1da8a9c165136e6783909",
    "topic": "IoT-2/type/GarbageBin_1/id/Garbage1/evt/data/int/json",
    "payload": {
      "High Alert!!!": "8.941e1"
    },
    "deviceId": "Garbage1",
    "deviceType": "GarbageBin_1",
    "eventType": "data",
    "format": "json"
  }
}
```