

SPRINT 4

DISPLAY TURBABILITY AND PH VALUES

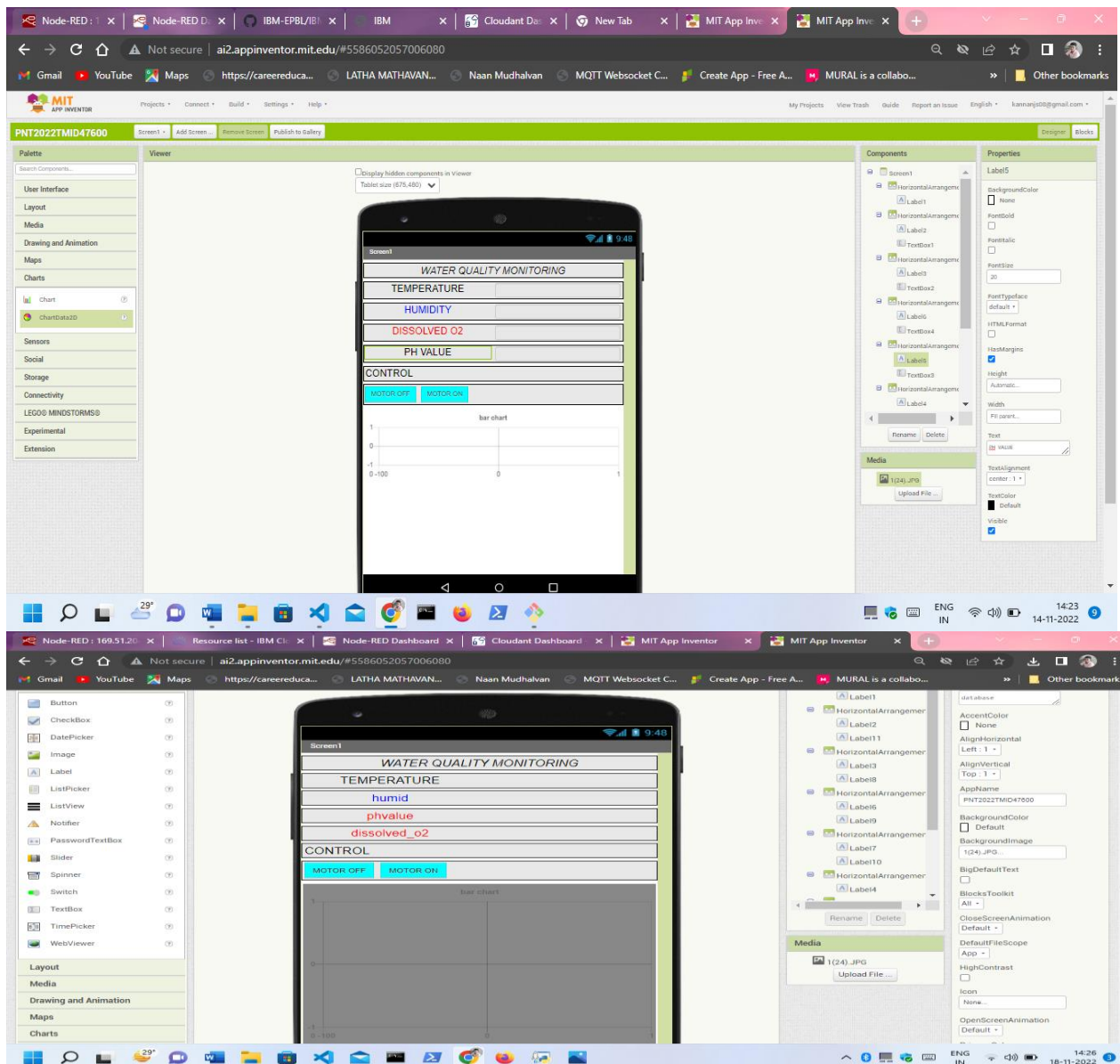
PROJECT

REAL TIME WATER QUALITY MONITORING AND CONTROL SYSTEM

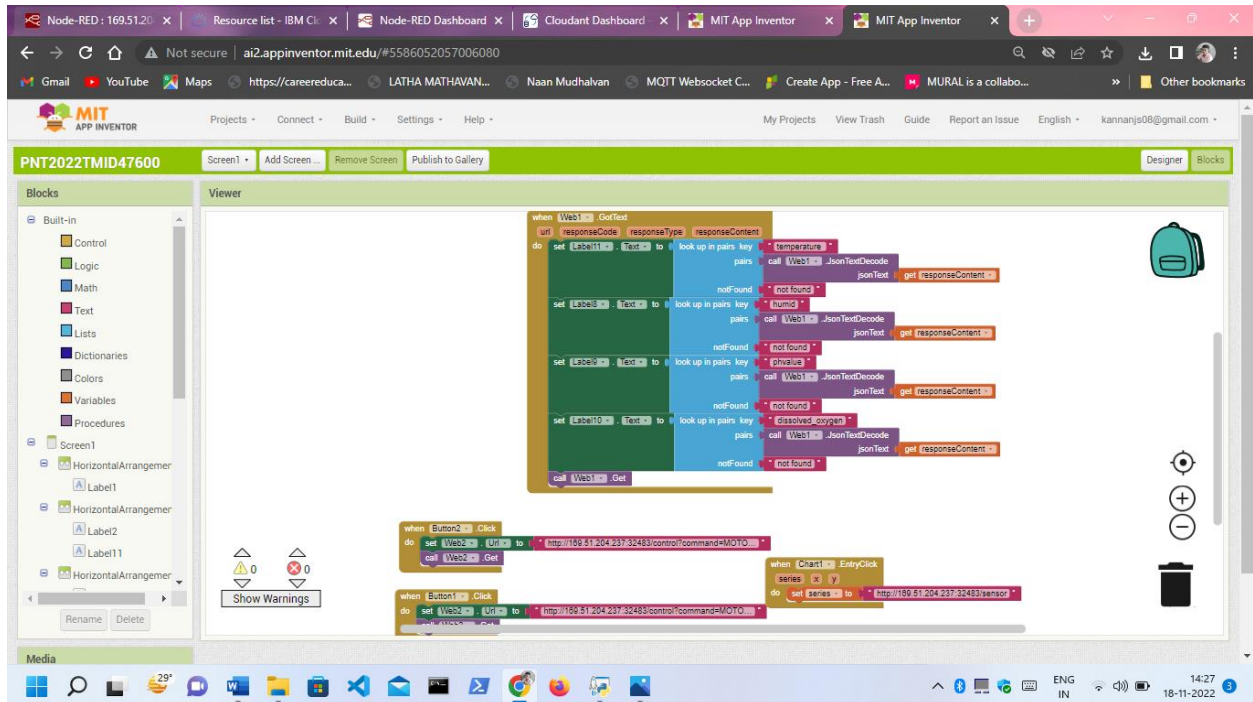
TEAM ID

PNT2022TMID47600

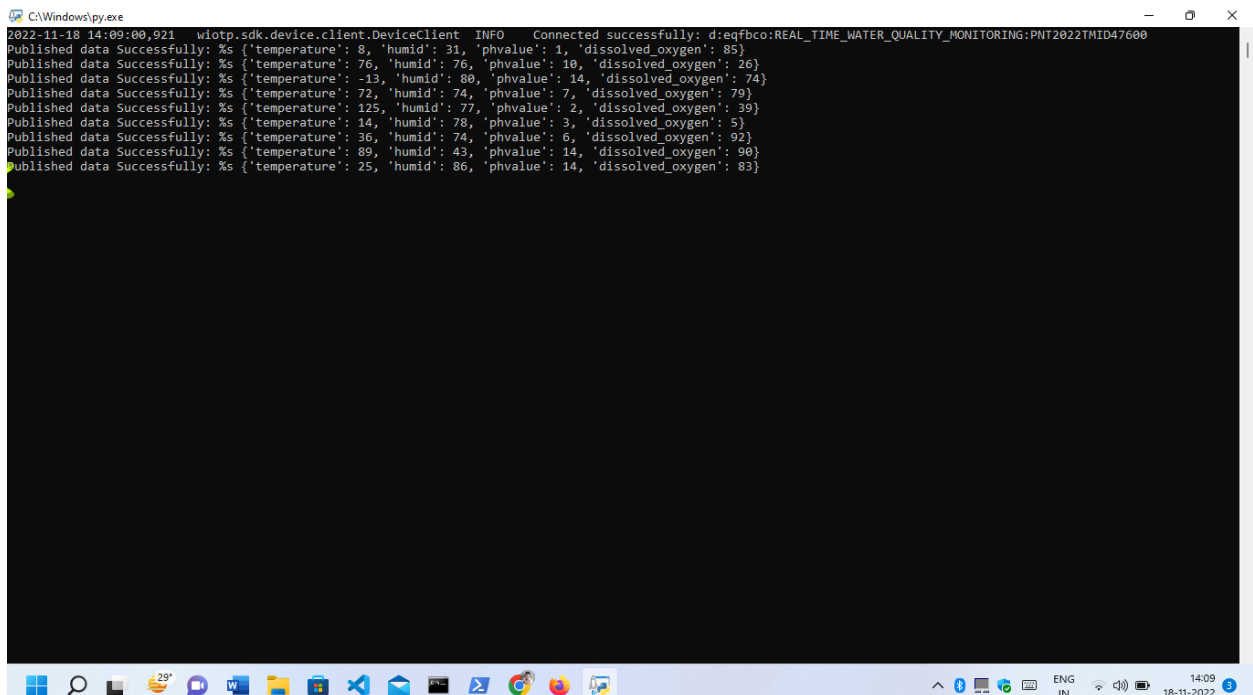
Design the UI to display the water turbability ,PH values, Temperature, Humidityand dissolved oxygen content in the water using MIT app inverter



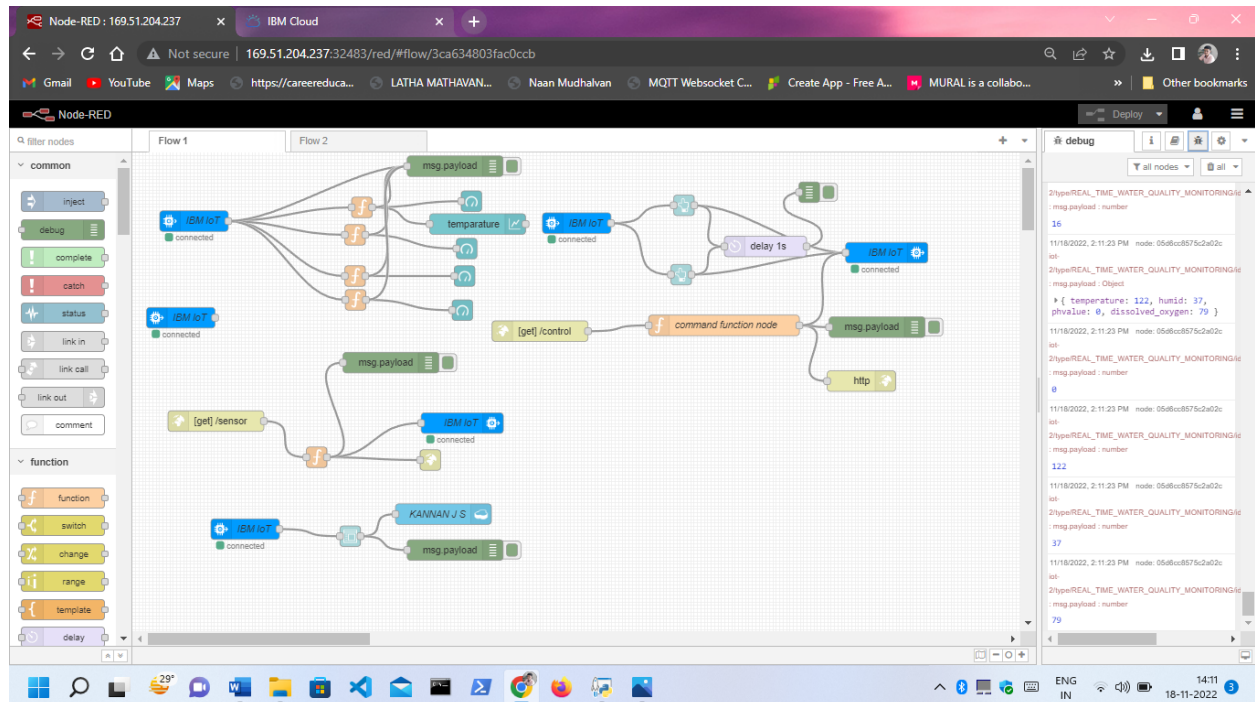
MIT APP BACKEND NODES FOR GETTING VALUES FROM NODE-RED



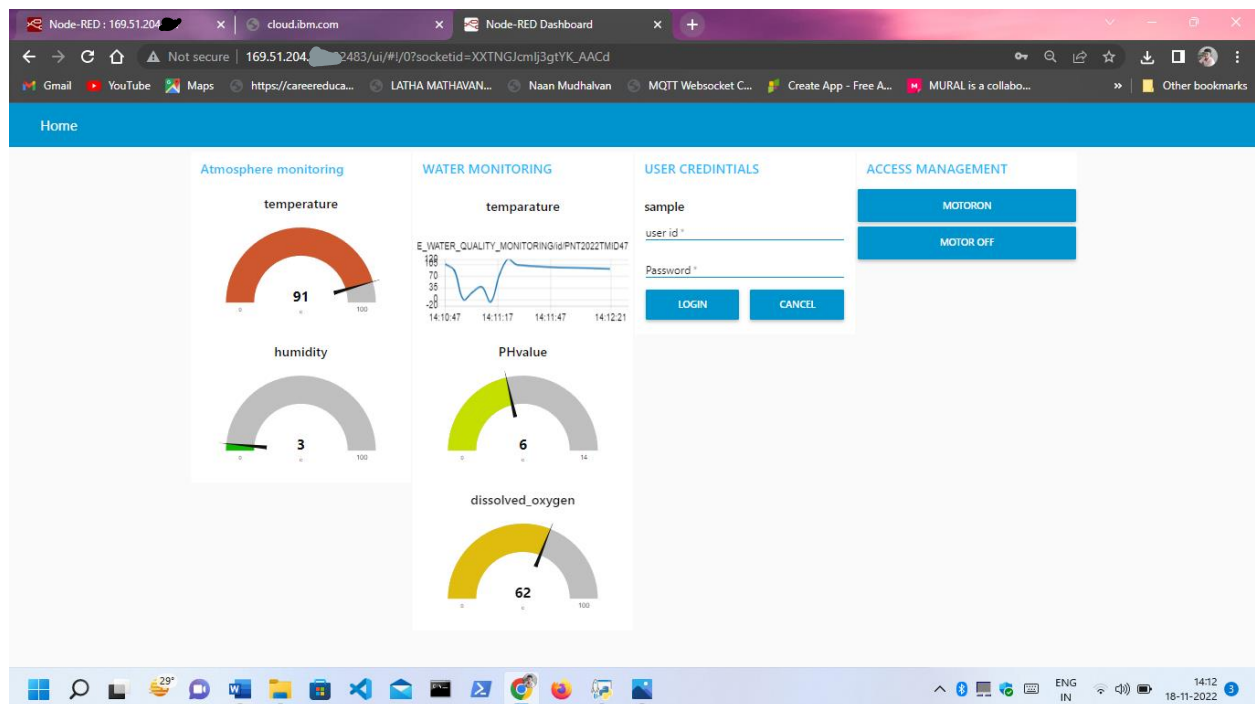
PUBLISHING DATA TO THE IBM CLOUD USING PYTHON



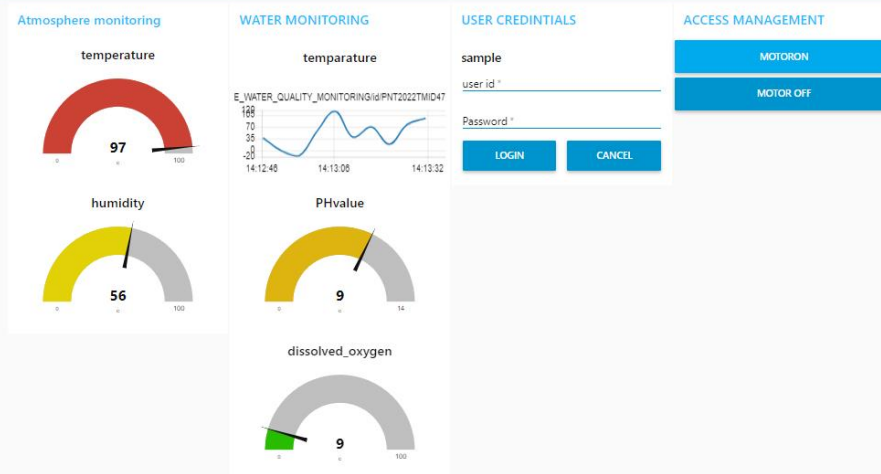
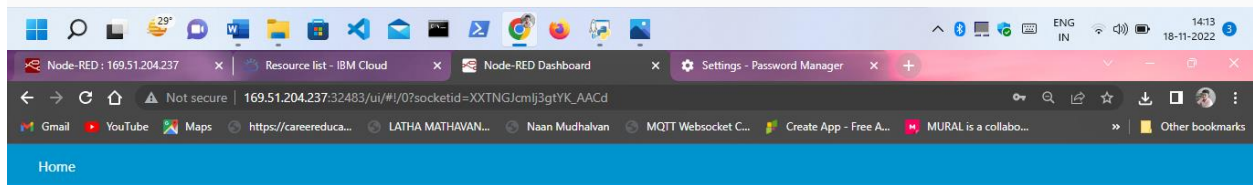
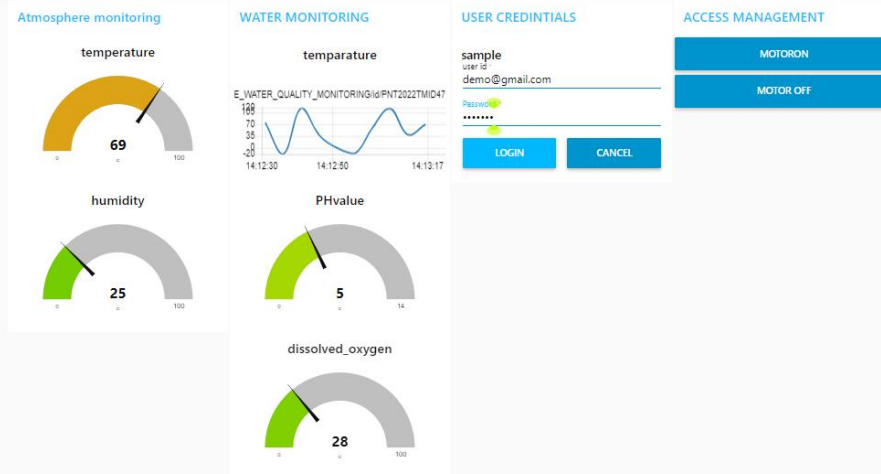
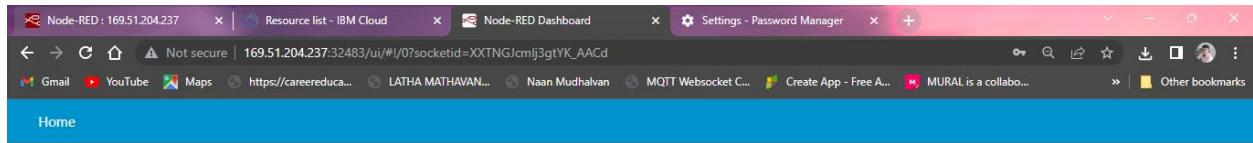
NODE-RED DASH BOARDS WITH IBM DEVICE CONNECTED AND ALSO GETTING VALES FROM PYTHON



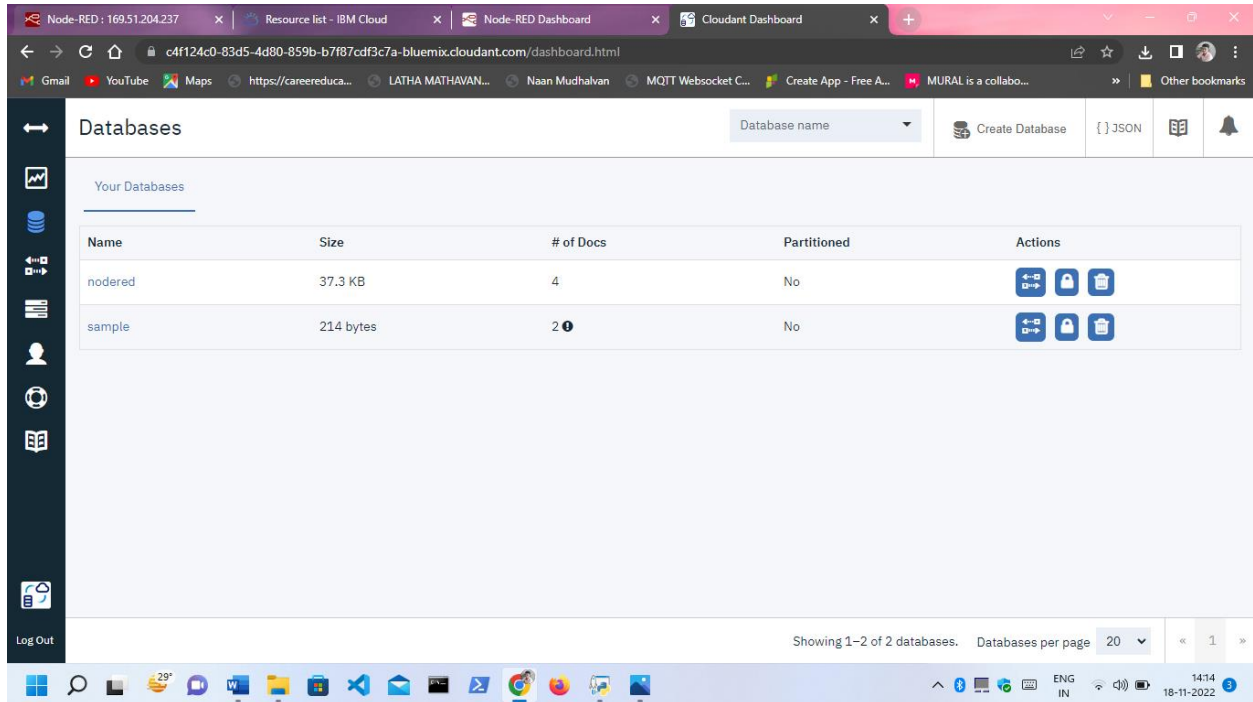
USER CREDENTIALS IN THE WEB UI USING NODE-RED



USER INFORMATION COLLECTION IN THE WEB UI



STORING THE USER DETAILS IN THE CLOUD USING THE CLOUDANT DATABASE



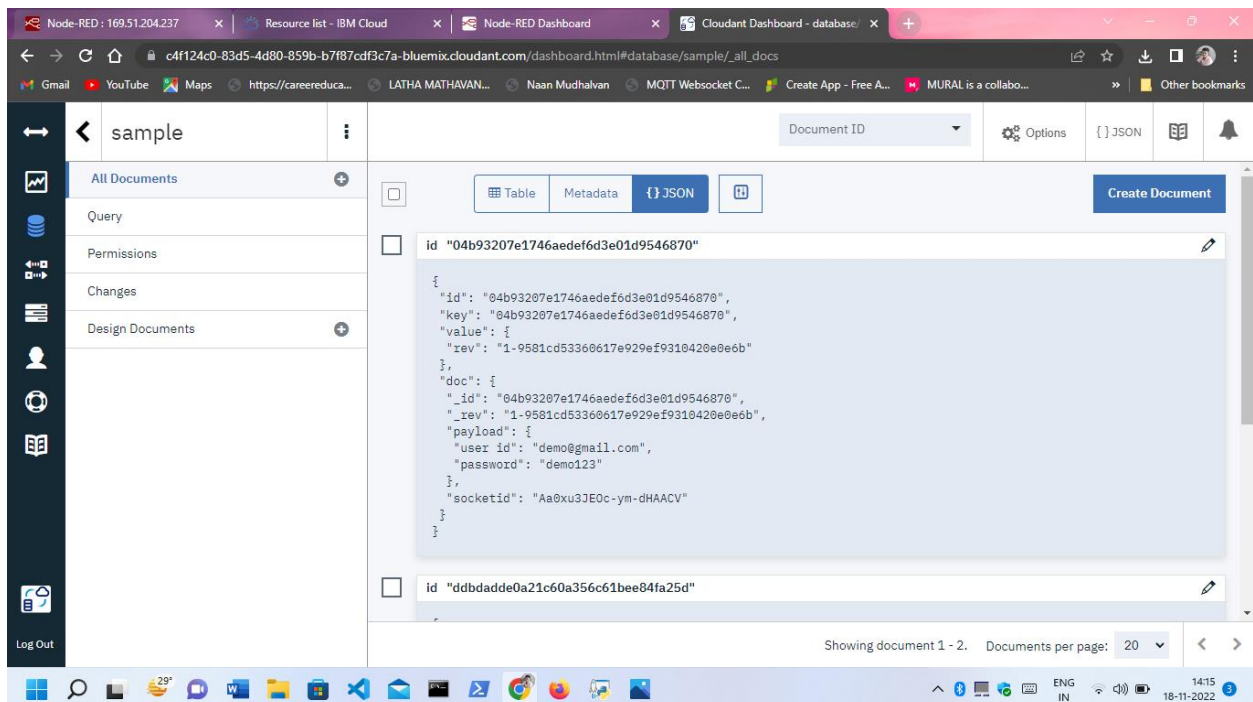
The screenshot shows the Cloudant Dashboard interface. The browser tabs include Node-RED, Resource list - IBM Cloud, Node-RED Dashboard, and Cloudant Dashboard. The address bar shows the URL: c4f124c0-83d5-4d80-859b-b7f87cdf3c7a-bluemix.cloudant.com/dashboard.html. The dashboard has a sidebar with navigation icons and a main content area titled "Databases".

Databases

Name	Size	# of Docs	Partitioned	Actions
nodered	37.3 KB	4	No	[Icons for edit, lock, delete]
sample	214 bytes	2	No	[Icons for edit, lock, delete]

Showing 1-2 of 2 databases. Databases per page: 20

GETTING TH USER DETAILS DIRECTLY IN THE WEB-UI



The screenshot shows the Cloudant Dashboard interface for the "sample" database. The browser tabs include Node-RED, Resource list - IBM Cloud, Node-RED Dashboard, and Cloudant Dashboard - database/. The address bar shows the URL: c4f124c0-83d5-4d80-859b-b7f87cdf3c7a-bluemix.cloudant.com/dashboard.html#database/sample/_all_docs. The dashboard has a sidebar with navigation icons and a main content area titled "sample".

sample

Document ID

Options [JSON] [JSON]

Create Document

Table Metadata [JSON] [JSON]

id "04b93207e1746aedef6d3e01d9546870"

```
{
  "id": "04b93207e1746aedef6d3e01d9546870",
  "key": "04b93207e1746aedef6d3e01d9546870",
  "value": {
    "rev": "1-9581cd53360617e929ef9310420e0e6b"
  },
  "doc": {
    "_id": "04b93207e1746aedef6d3e01d9546870",
    "_rev": "1-9581cd53360617e929ef9310420e0e6b",
    "payload": {
      "user id": "demo@gmail.com",
      "password": "demo123"
    },
    "socketid": "Aa0xu3JE0c-ym-dHAACV"
  }
}
```

id "ddbdadde0a21c60a356c61bee84fa25d"

Showing document 1 - 2. Documents per page: 20

USER REGISTRATION FORM FOR NEW REGISTRATION

Registration Page x +

file:///C:/Users/KANNAN/Desktop/html code.html

Getting Started Gmail YouTube Maps https://careereducatio... LATHA MATHAVAN E... Naan Mudhalvan MQTT Websocket Client Create App - Free And... MURAL is a collaborati...

user credentials Firstname

Middlename:

Lastname:

project domain internet of things

Gender :
☐ Male
☐ Female
☐ Prefer not to say

contact details :

Address

Email:

Password:

Re-type password:

Registration Page x +

file:///C:/Users/KANNAN/Desktop/html code.html

Getting Started Gmail YouTube Maps https://careereducatio... LATHA MATHAVAN E... Naan Mudhalvan MQTT Websocket Client Create App - Free And... MURAL is a collaborati...

project domain internet of things

Gender :
☐ Male
☐ Female
☐ Prefer not to say

contact details :

Address

Email:

Password:

Re-type password:

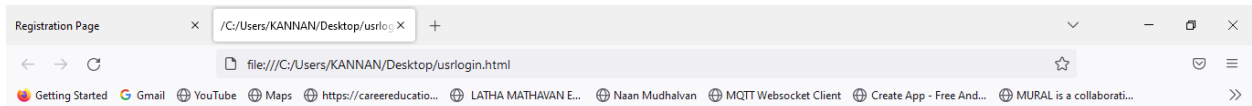
alternte contact details

alternate email id

14:40 18-11-2022

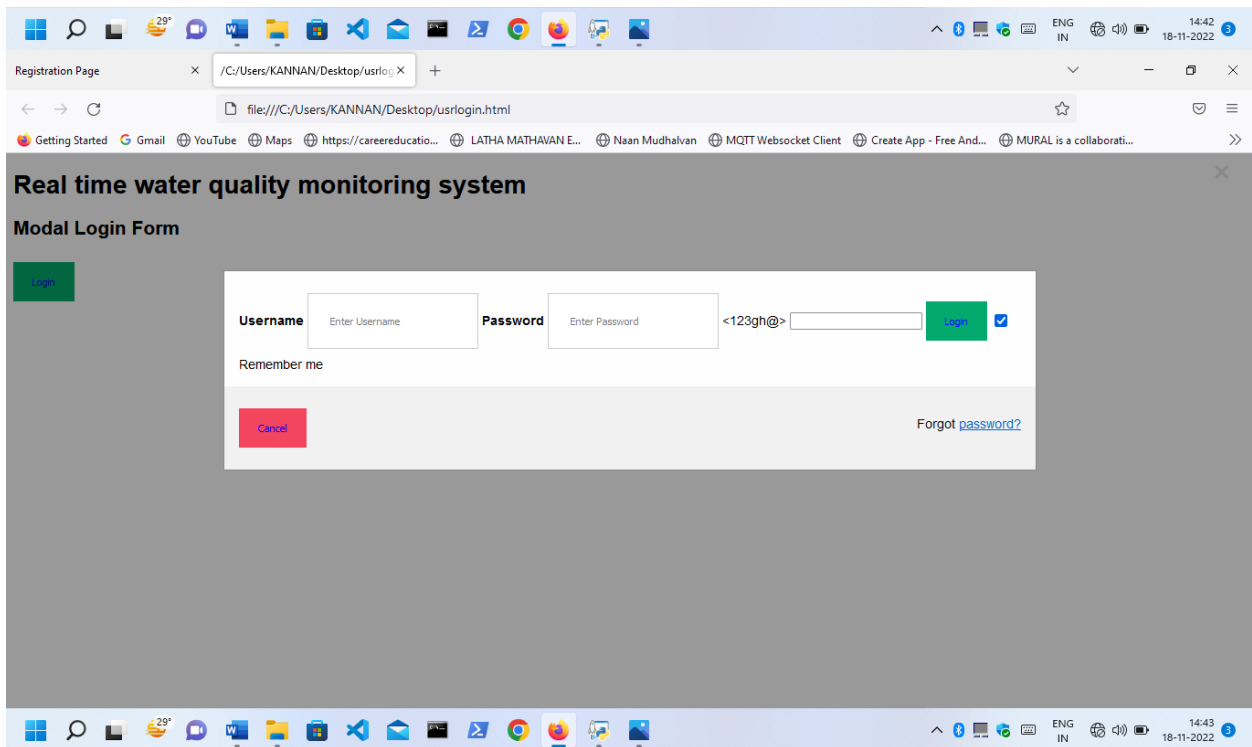
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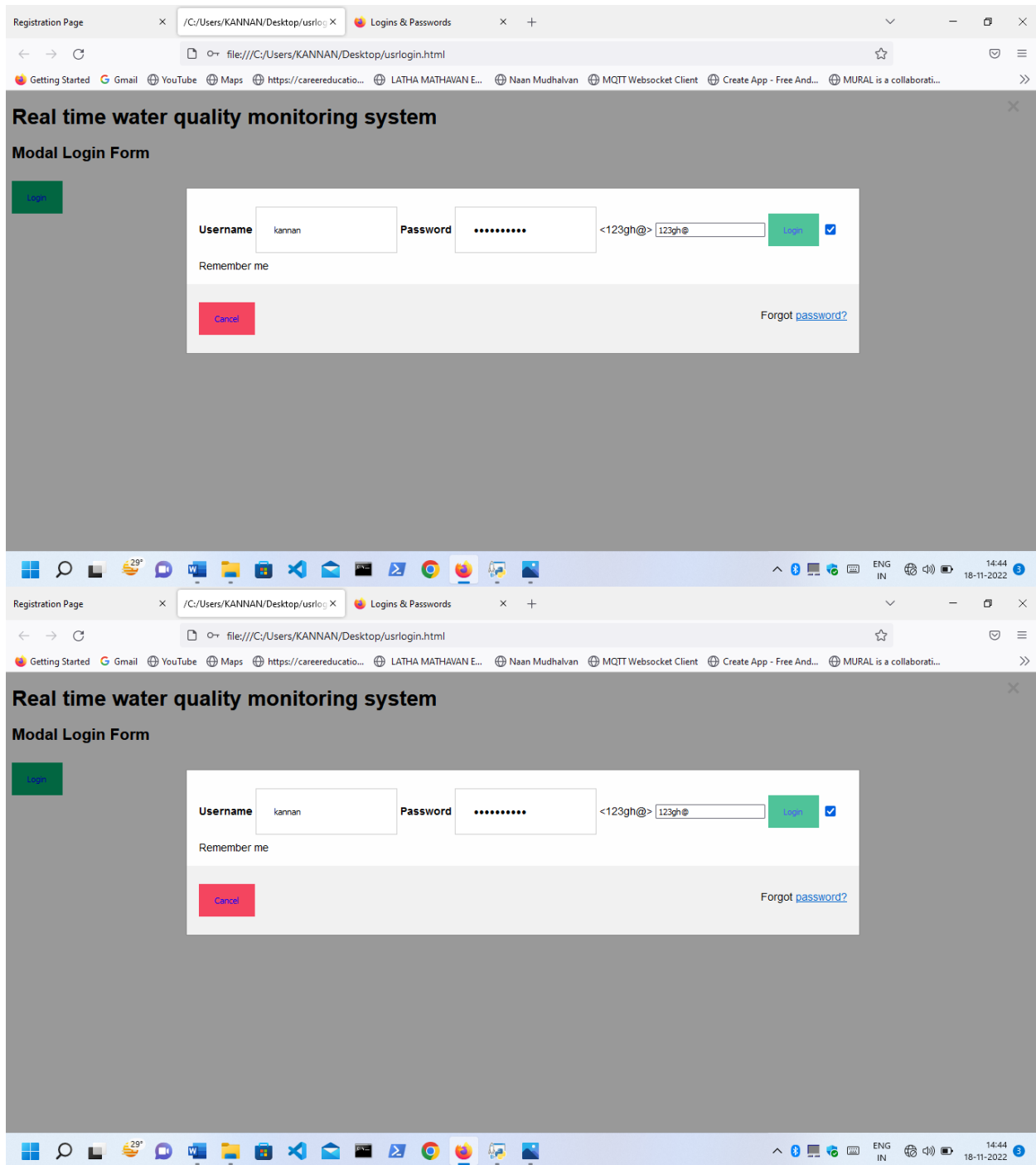
USER LOGIN CREDENTIALS WEBPAGE



Real time water quality monitoring system

Modal Login Form





file:///C:/Users/KANNAN/Desktop/usrlogin.html