

CREATE IBM WATSON IOT PLATFORM AND DEVICE CREATE IBM WATSON IOT PLATFORM AND DEVICE

Team Id: PNT2022TMID49801

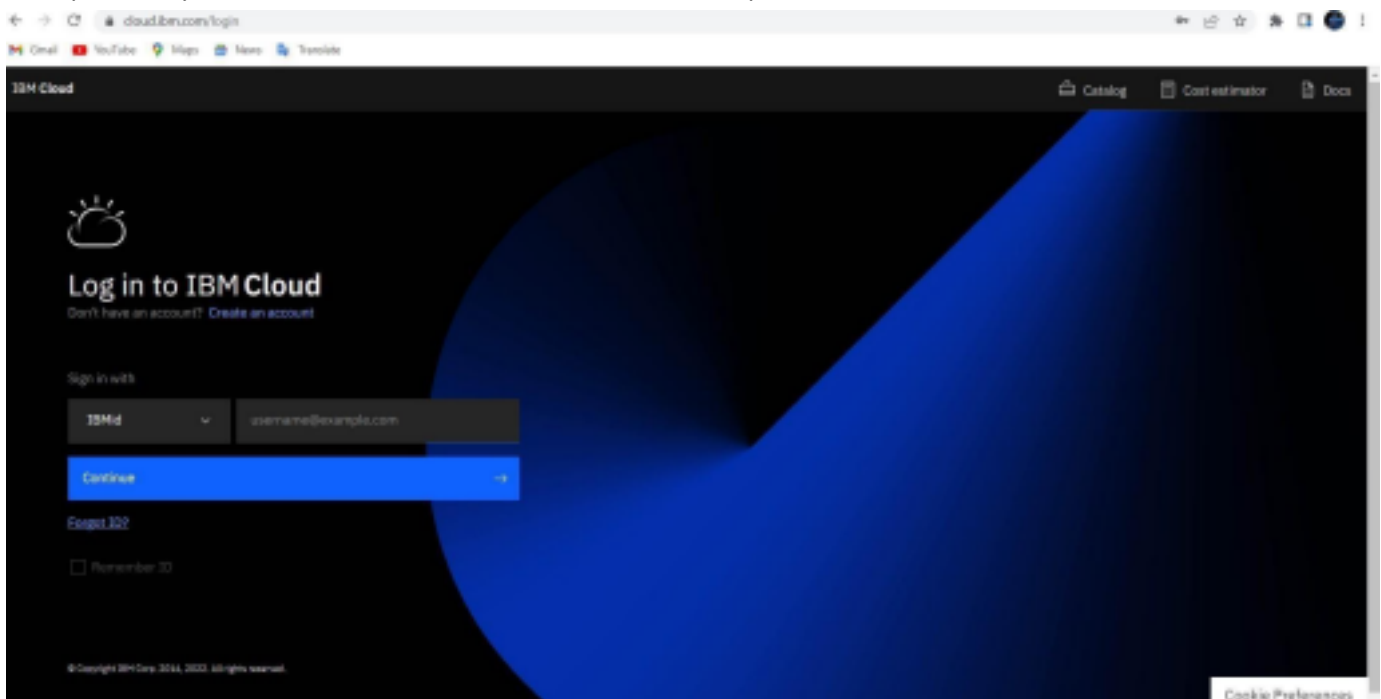
Project Title: Smart Waste Management System For Metropolitan Cities

AIM:

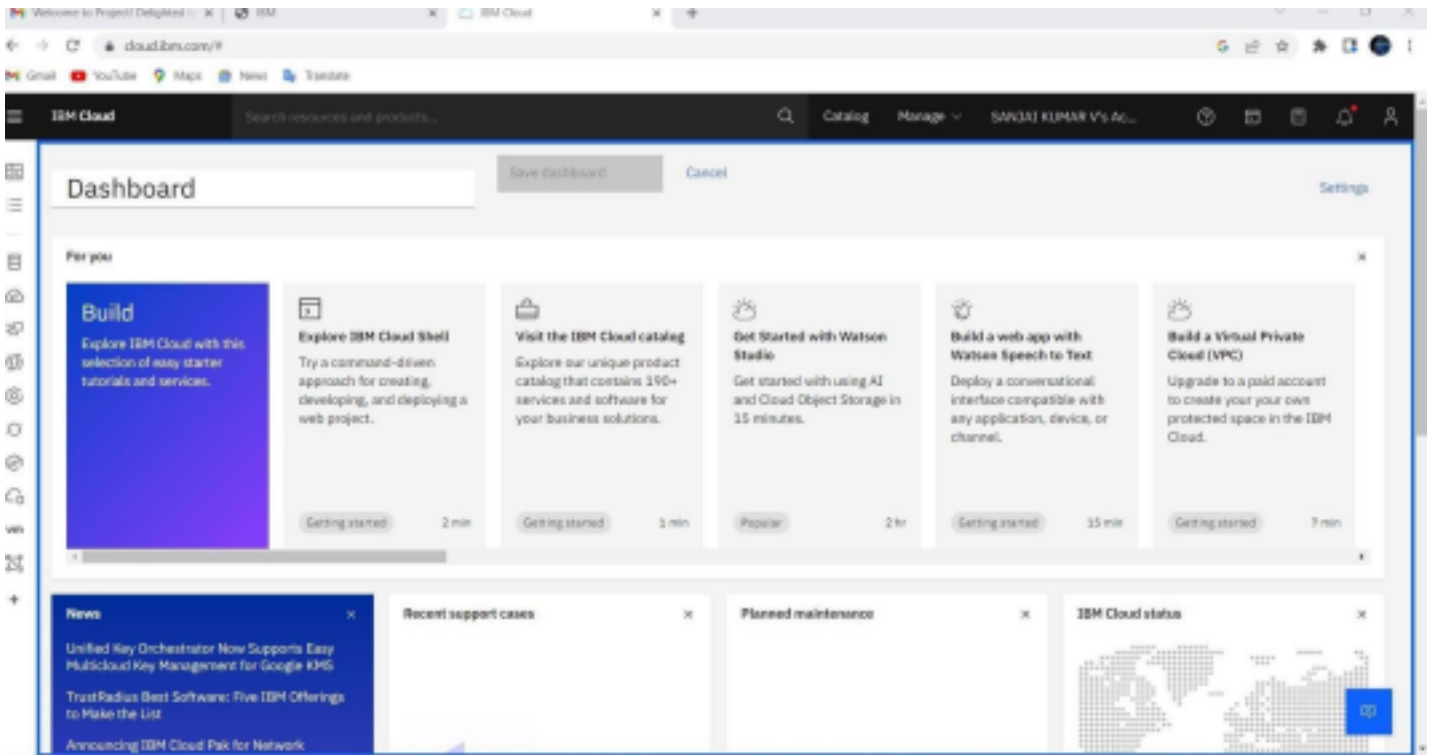
To create the IBM Watson IoT platform and device.

Steps to be followed

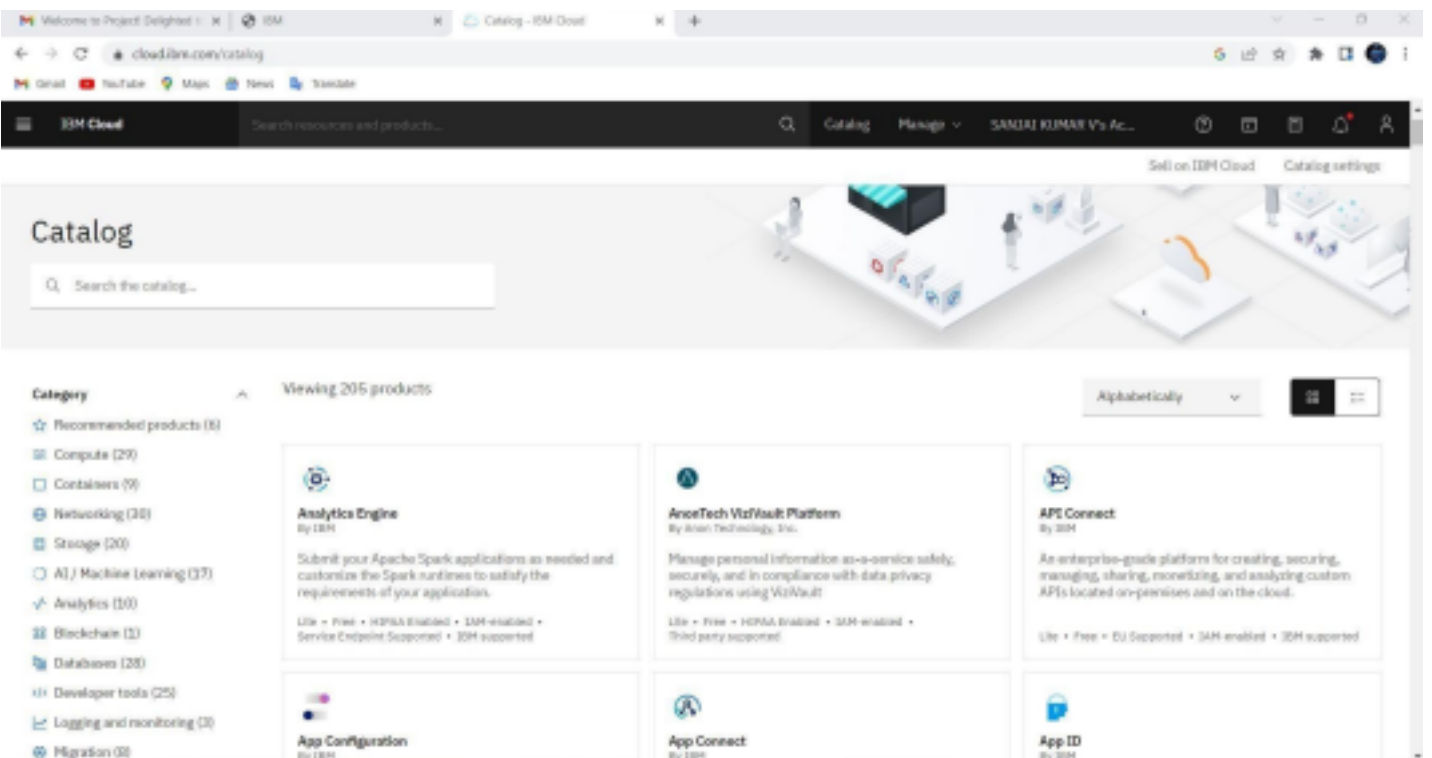
Step 1: Firstly, create an IBM cloud account with IBM id and password.



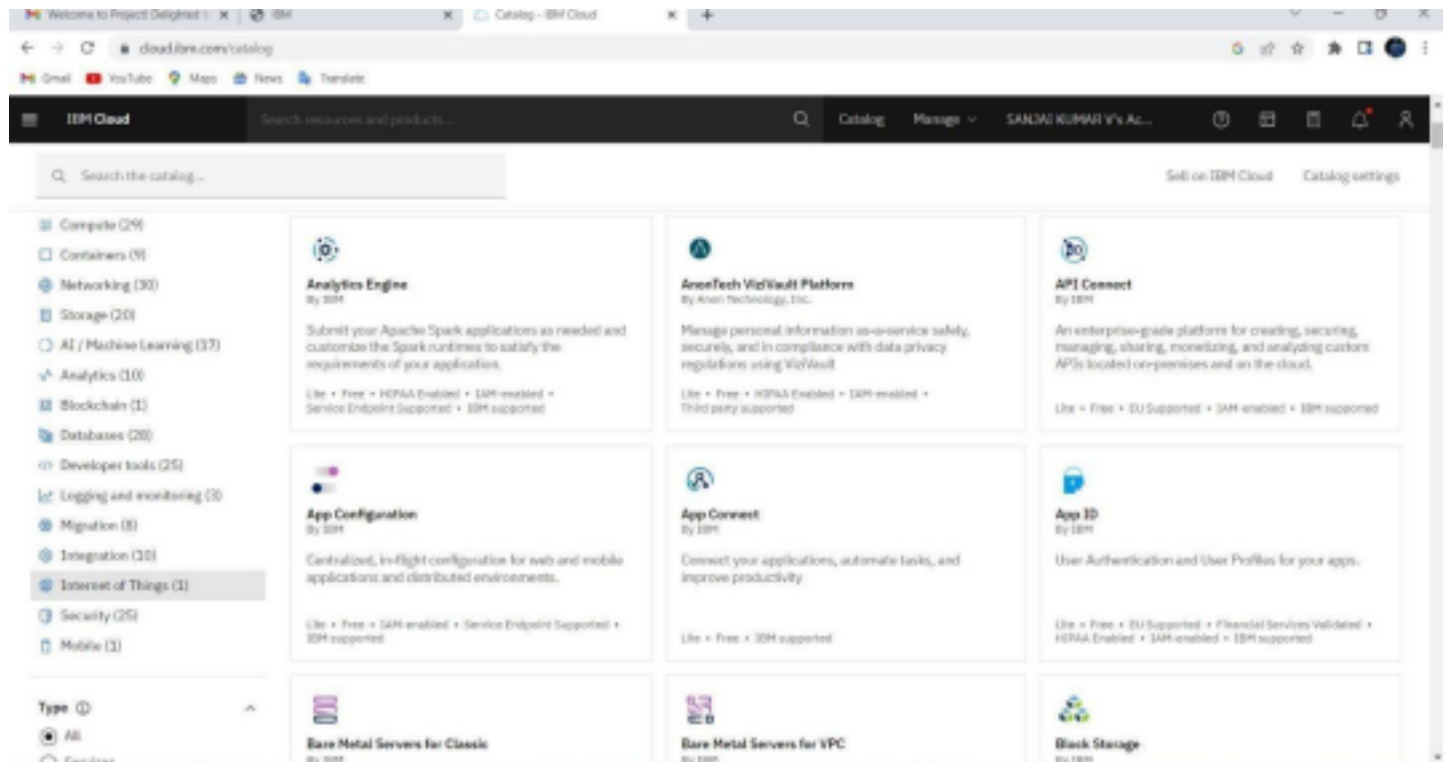
Step 2: Home page of IBM cloud.



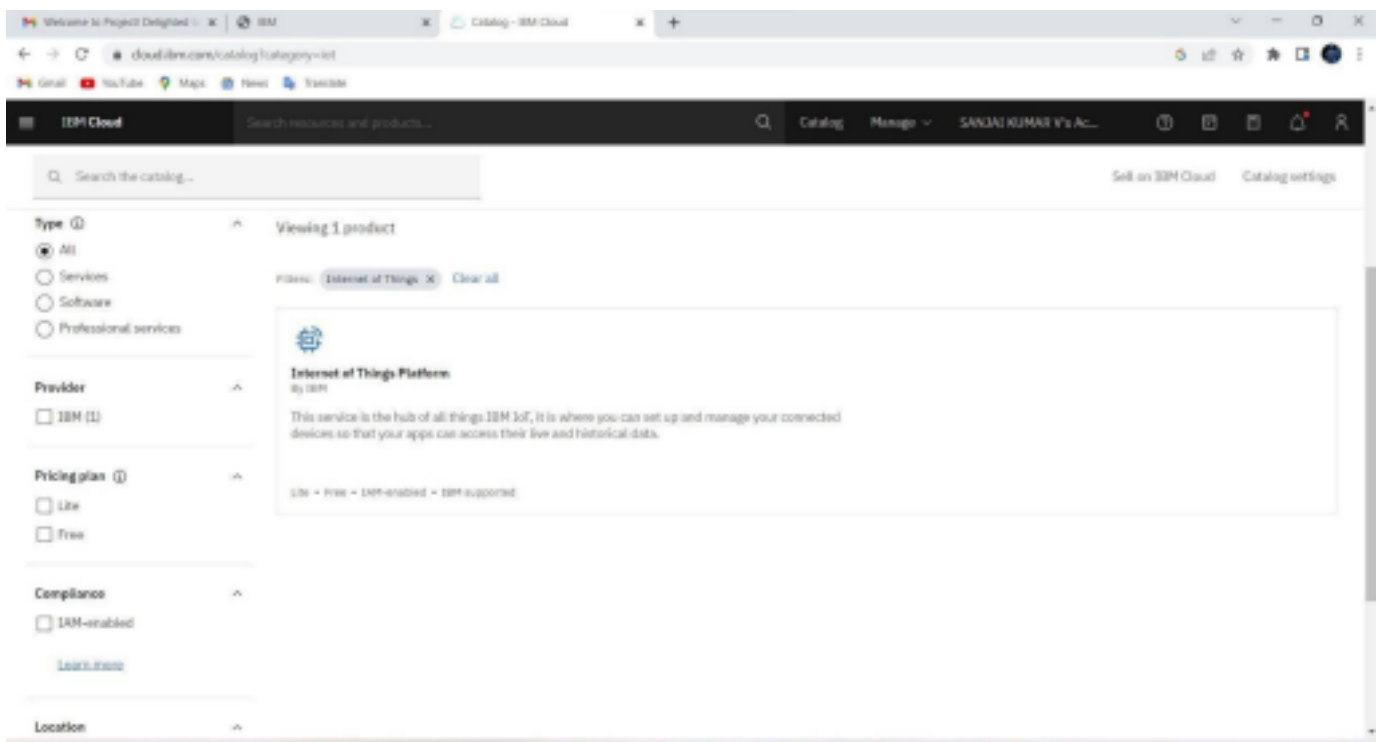
Step 3: Click on the catalog on the top.



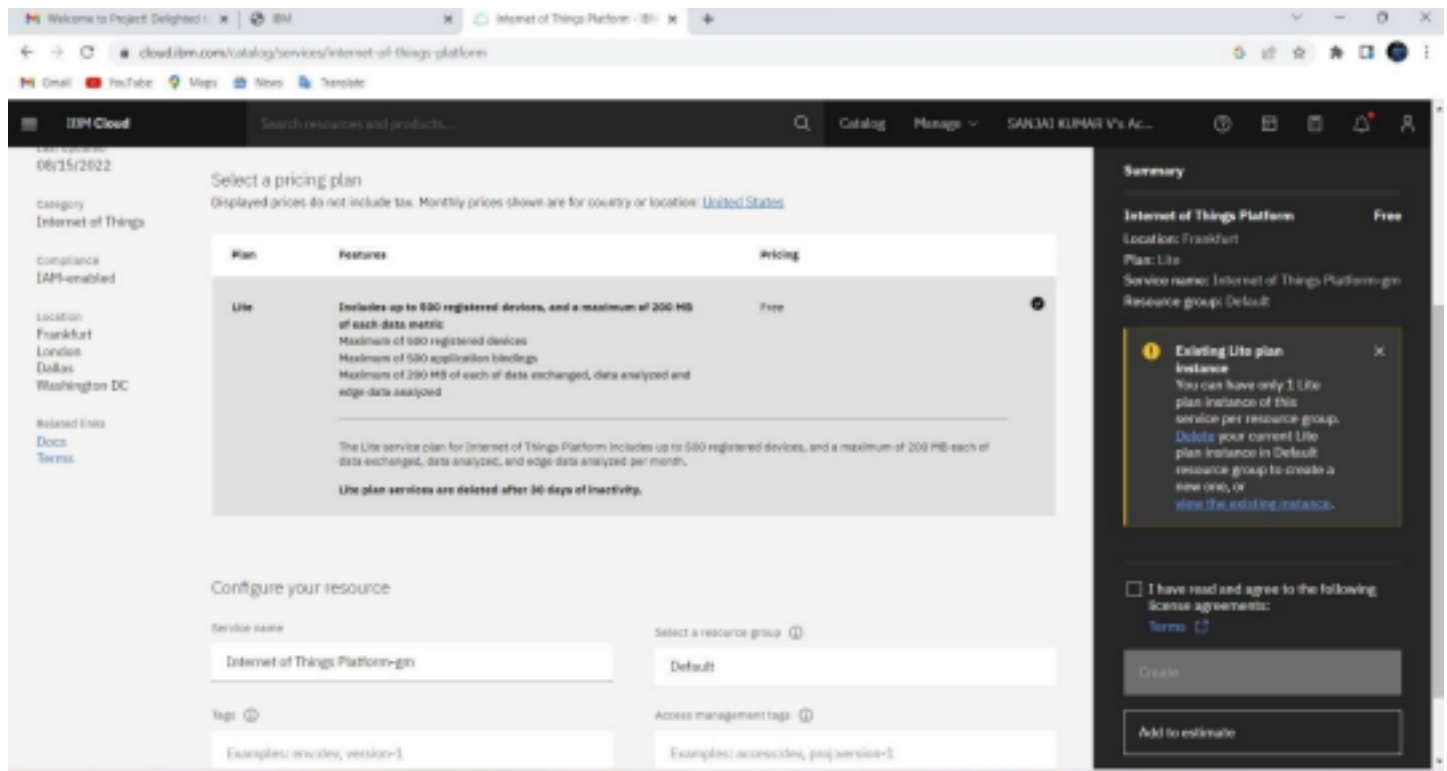
Step 4: Click on IoT in the category mentioned.



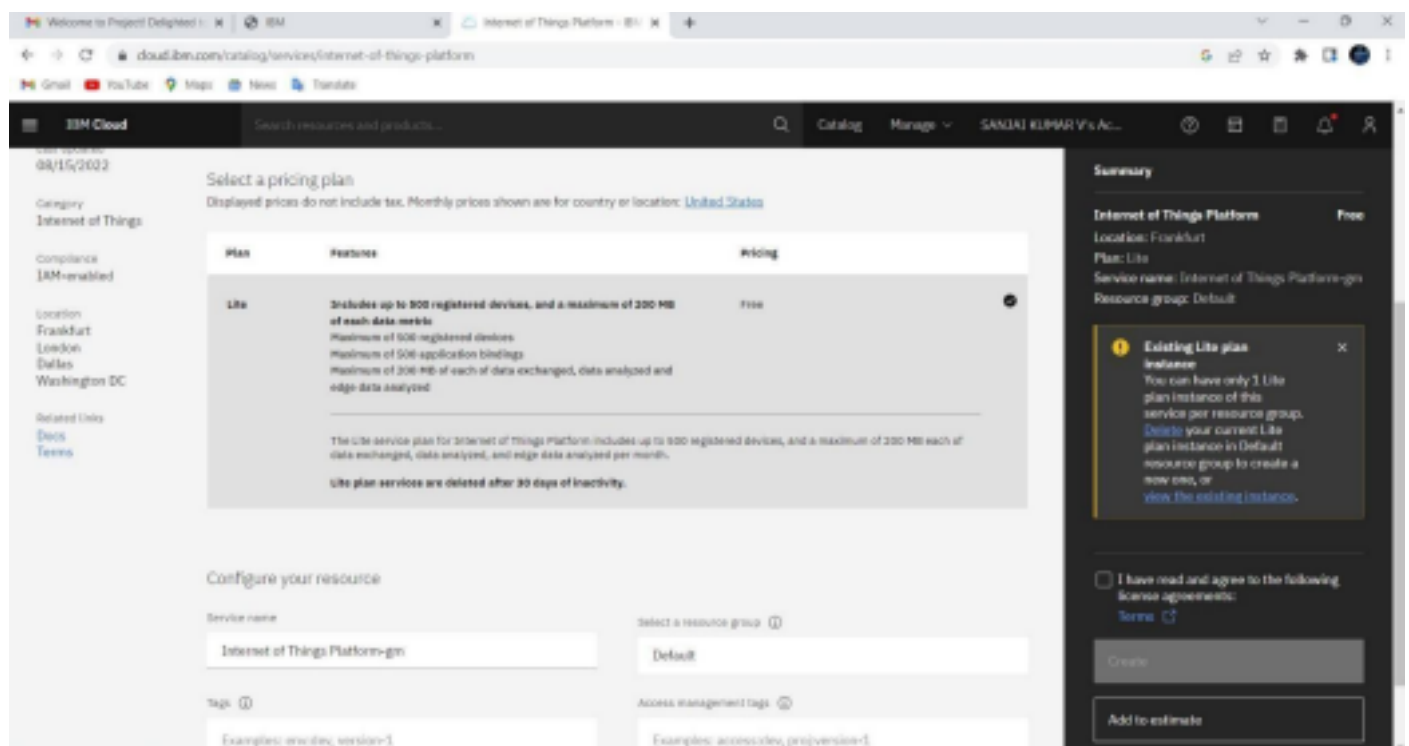
Step 5: Click on Internet of Things Platform.



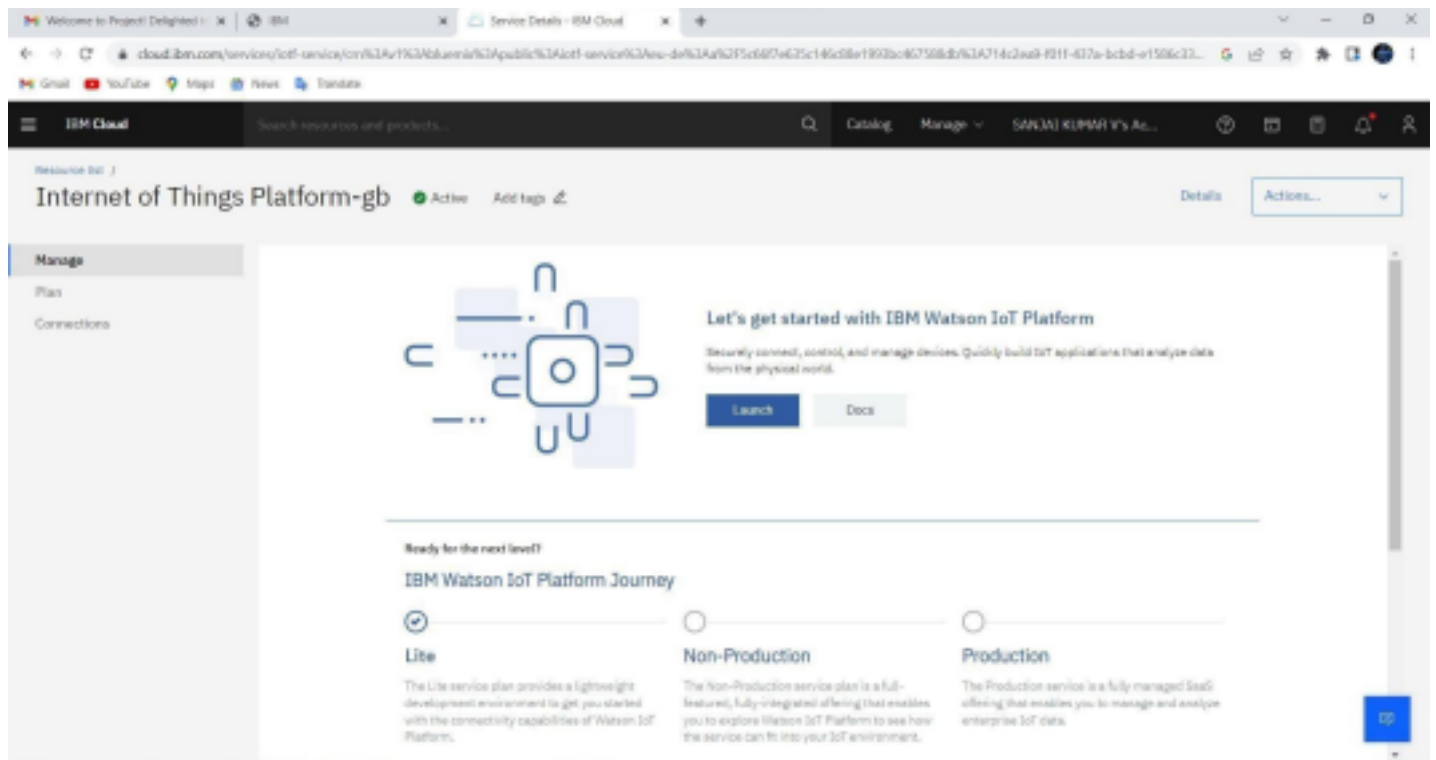
Step 6: If already a lite is present delete it else u can't create another.



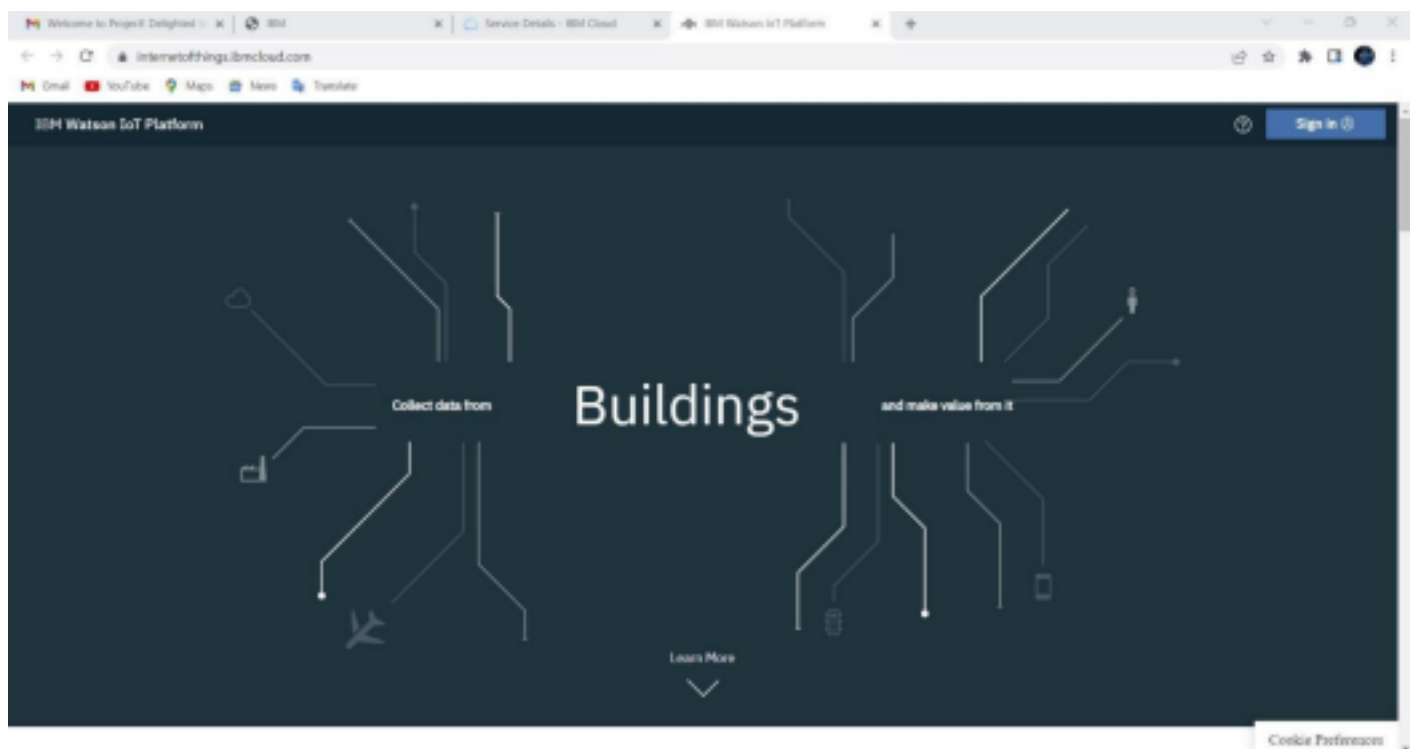
Step 7: Tick agreements and then click on create.



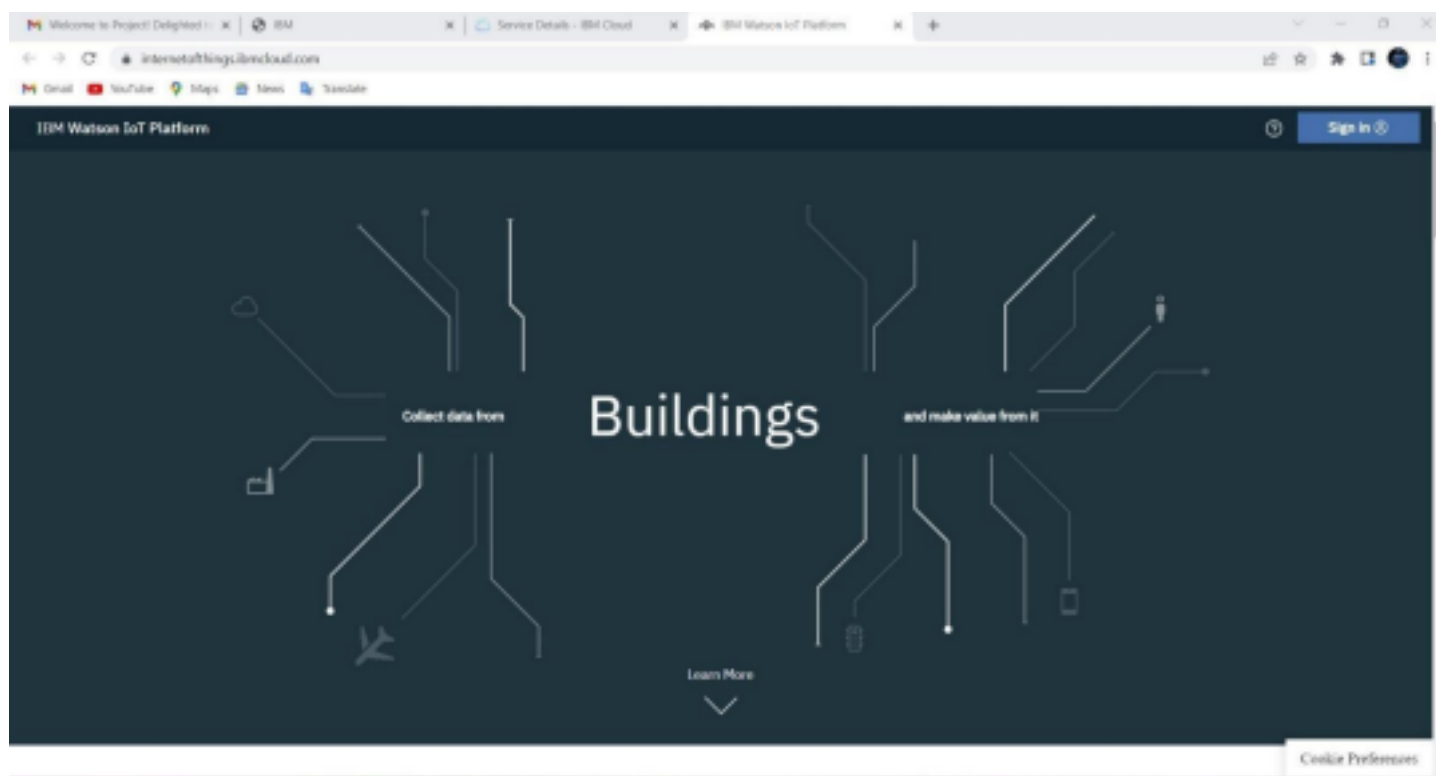
Step 8: Click on the launch button.



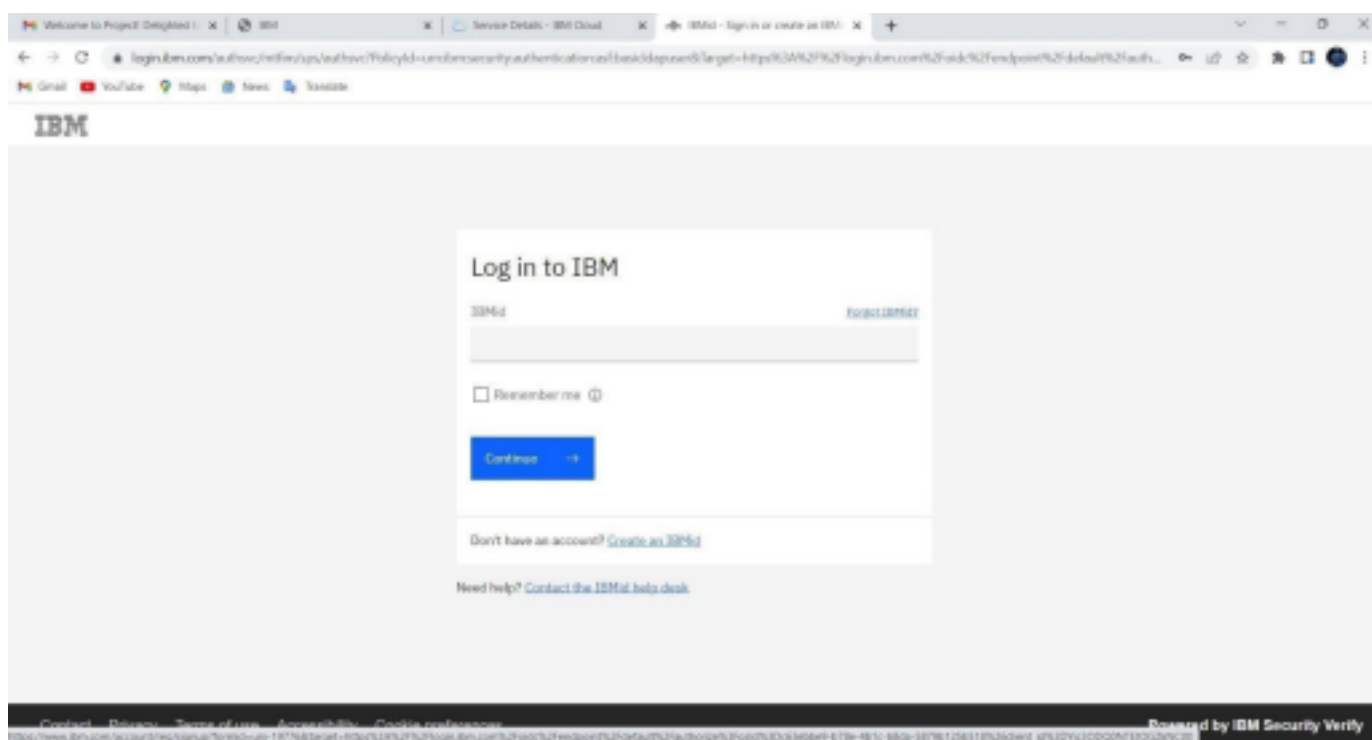
Step 9: After clicking on the launch button this tab will open.



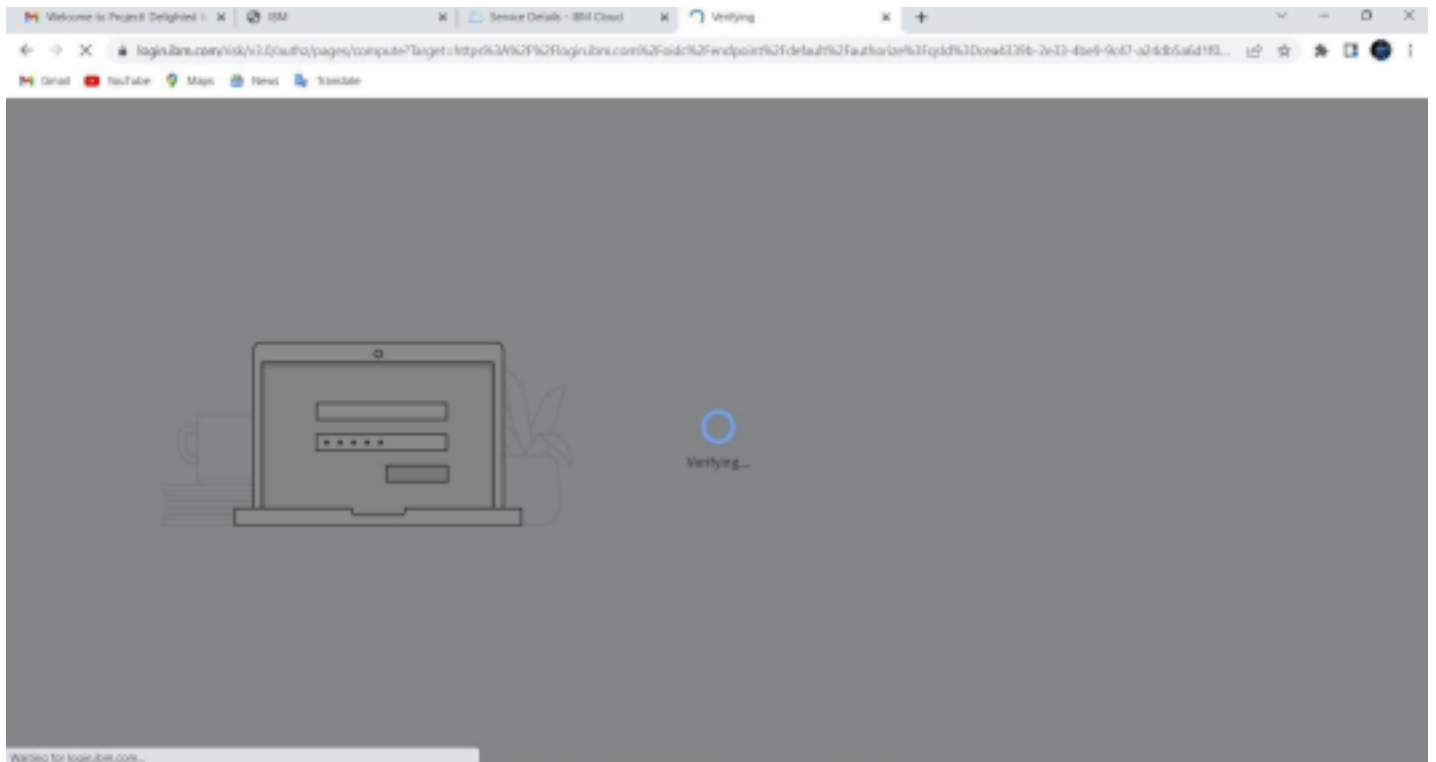
Step 10: Click on Sign in.



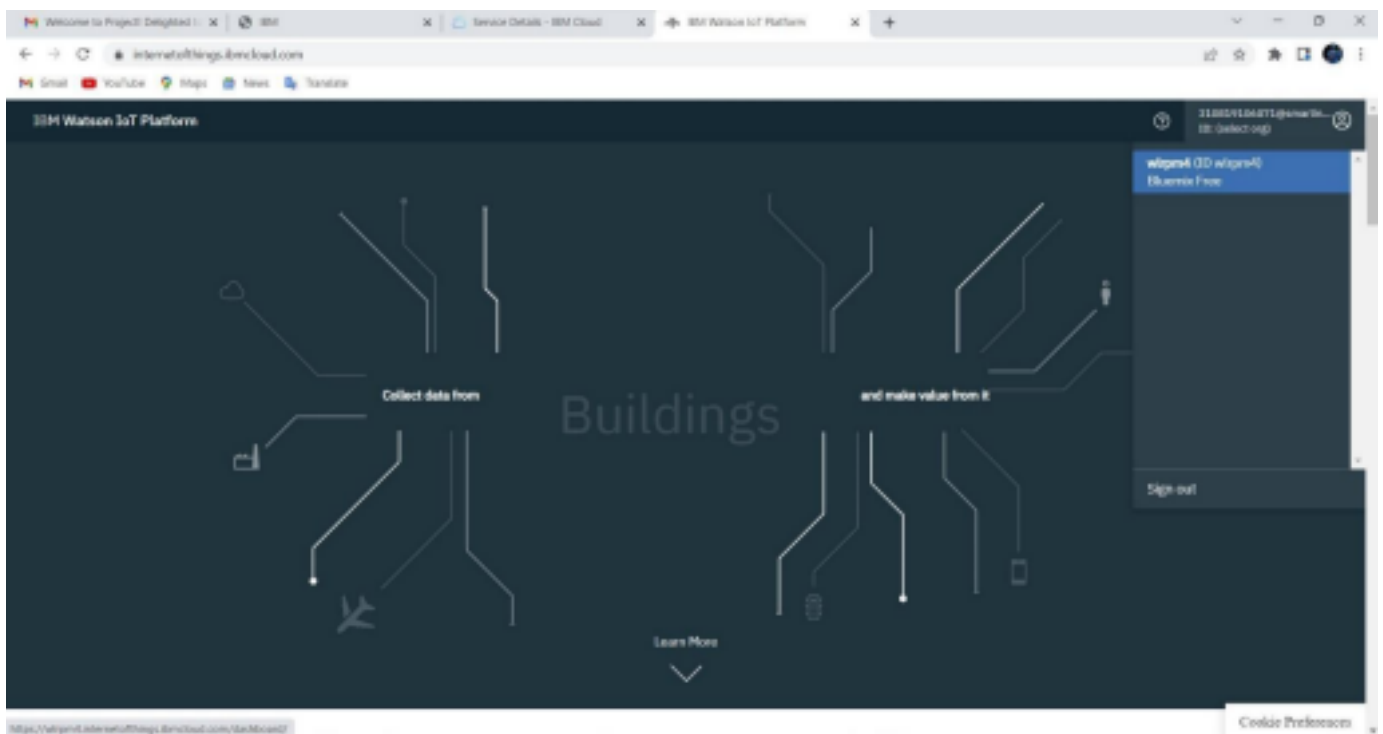
Step 11: Fill the login details.



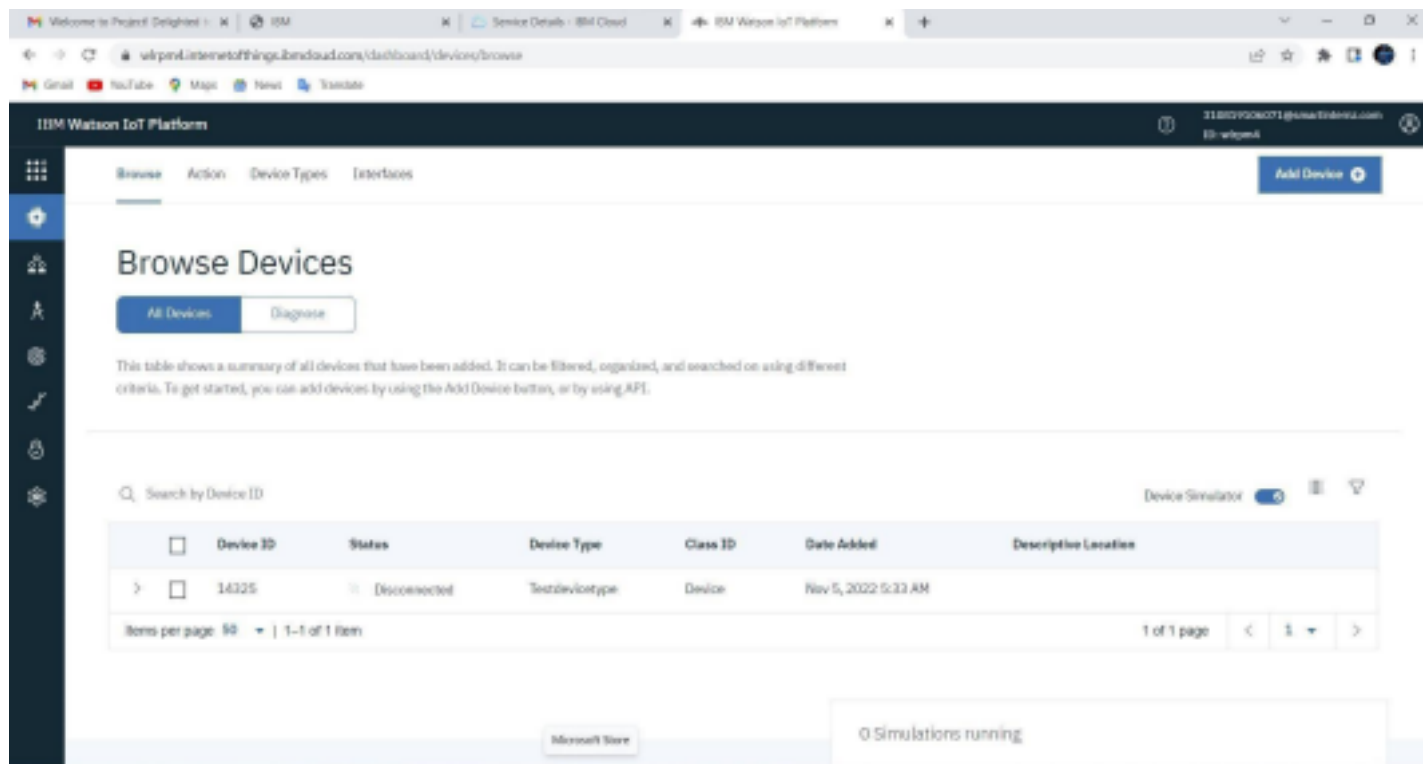
Step 12: Sign in on progress.



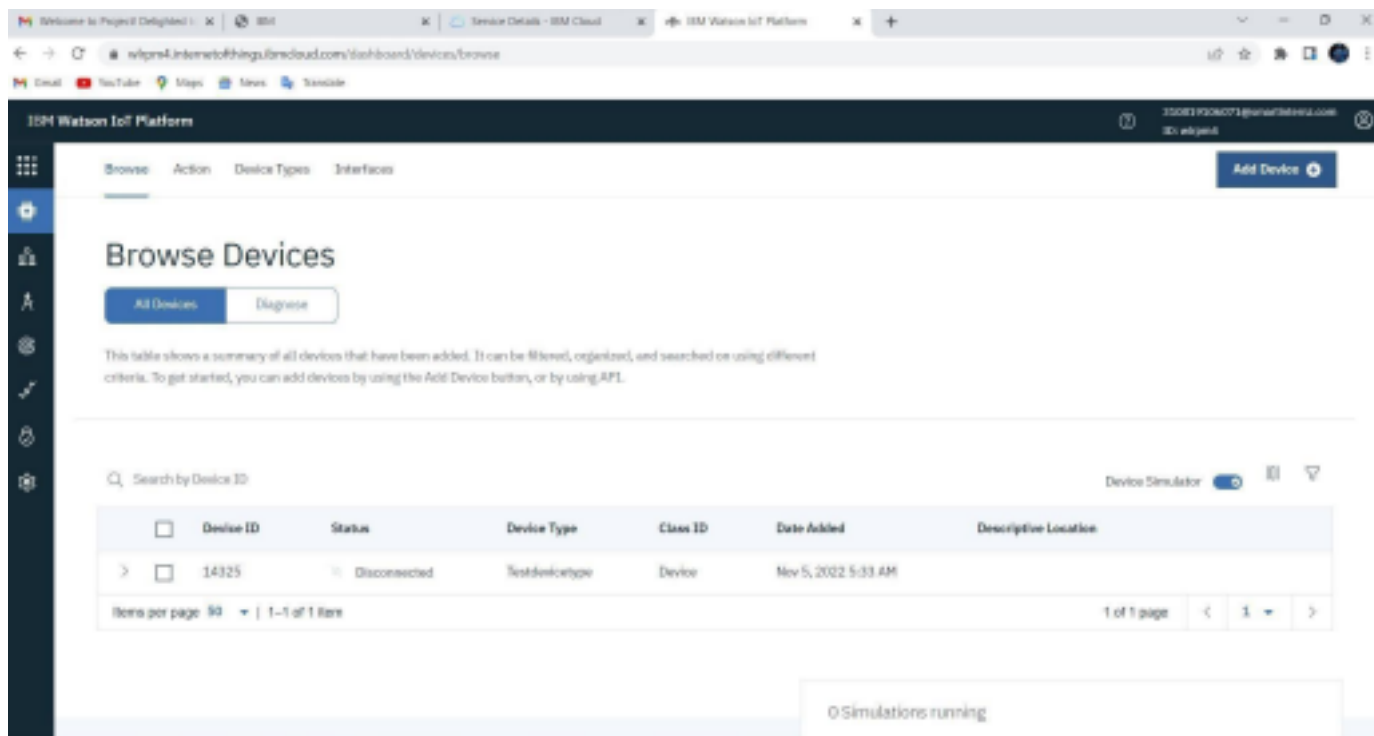
Step 13: Once it is logged in, the name will be displayed. Click on it and then click on Bluemix Free.



Step 14: This is the IBM Watson platform.



Step 15: Click on Add Device.



Step 16: Click on Device Type.



Step 17: Fill the details.



Step 18: Click on Register Devices.



Step 19: Give the device name which you have created and give Device ID.



Step 20: After giving all the data, Click on Finish.



Step 21: After creating the device, Copy the Device Credentials.



Step 22: Go to Setting, click on Data and Devices.



Step 23: Then click on Device Simulator and Activate Device Simulator.



Step 24: Click on the pop-up screen on the right side.



Step 25: Click on Create Simulation.



Step 26: Choose the Device.



Step 27: Type the code.



Step 28: Click on Use Registered Device and choose the device and run it.



Step 29: Go to devices then click on devices and check the recent events whether the code is running or not.



Step 30: Go to Board and click on + Create New Board, fill the details and create a board.



Step 31: Click on the board which is created.



Step 32: Go Add New Card.



Step 33: Choose the Card Type.



Step 34: Choose the device.



Step 35: Click on Connect new data set.



Step 36: Fill the details to get Temperature graph.



Step 37: Choose the Colour.



Step 38: Repeat the same process again to get the Humidity graph.



Step 39: Here is the Final graph.



Result:

An IBM Watson cloud for IoT and a device is created successfully.