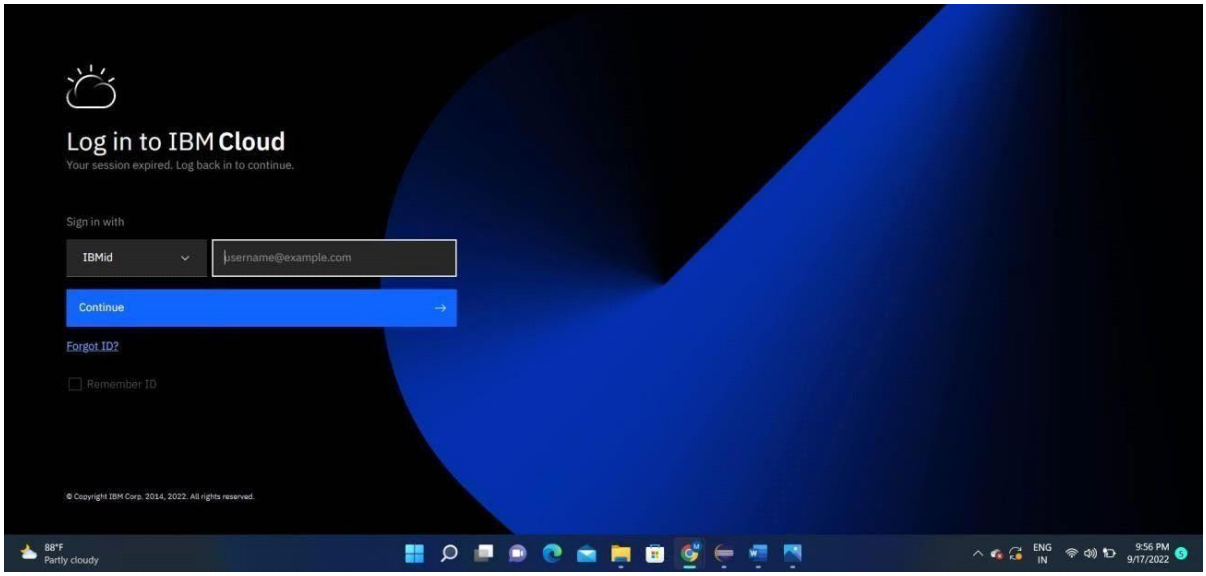
Team ID :-
PNT2022TMID36667

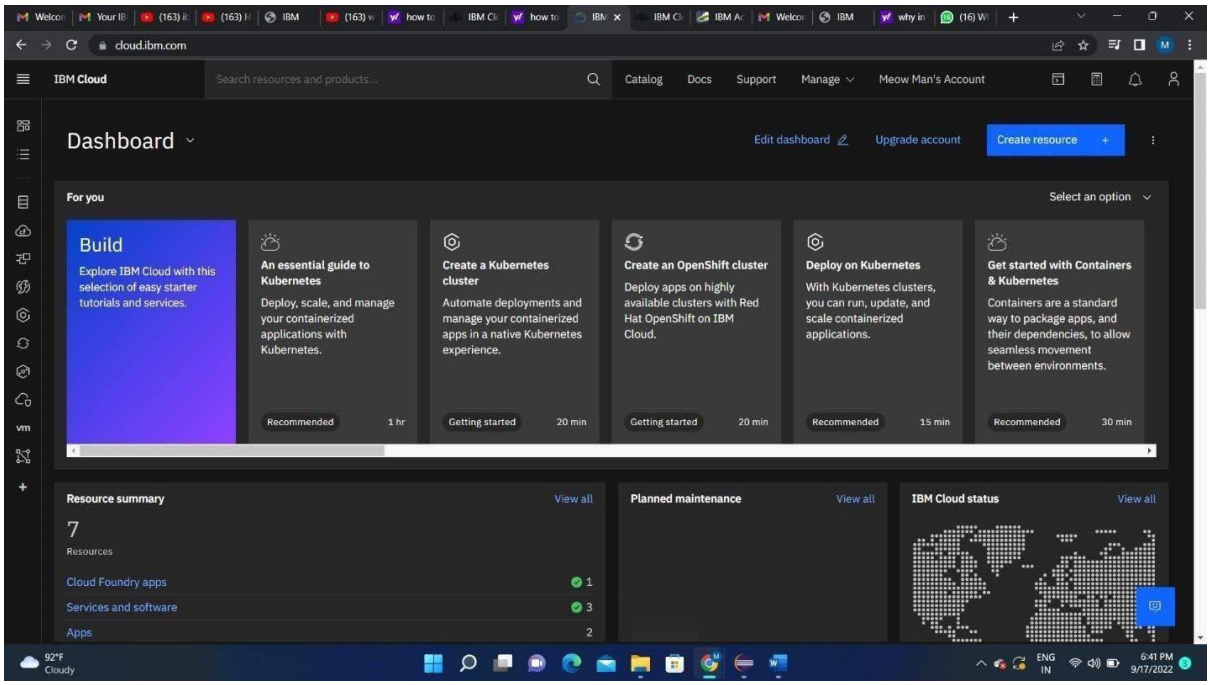
To create the IBM Watson IoT platform and device

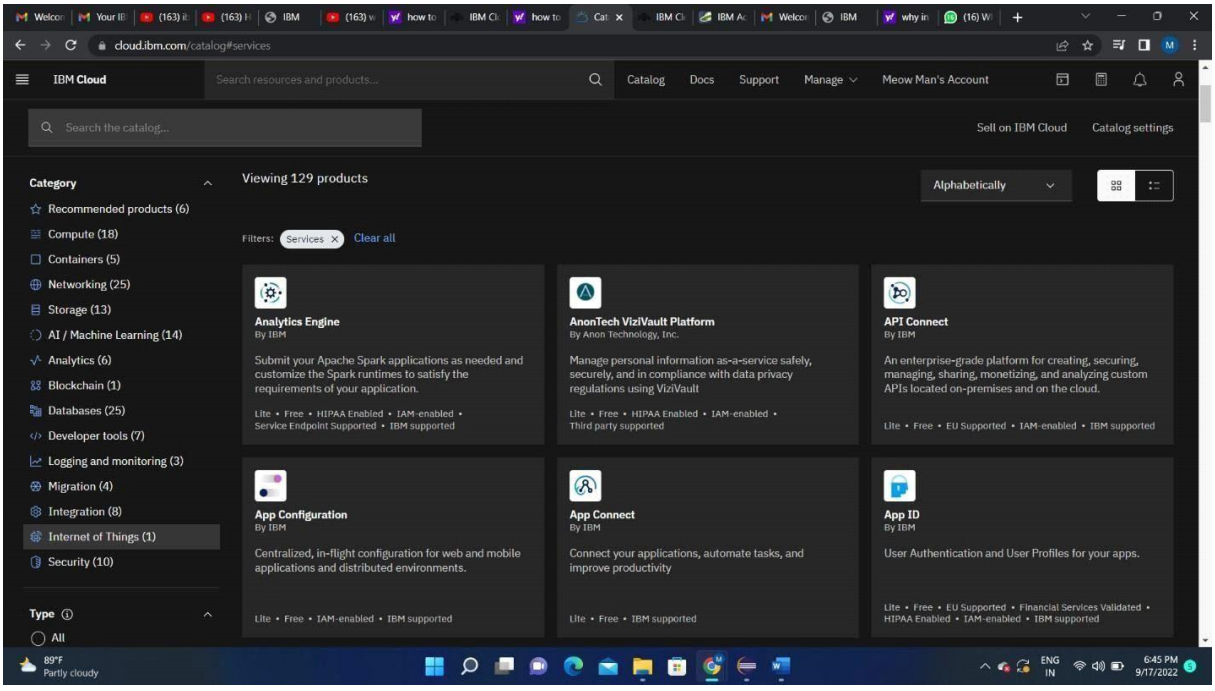
STEPS:

- 

Firstly create an IBM cloud account with IBMid and password

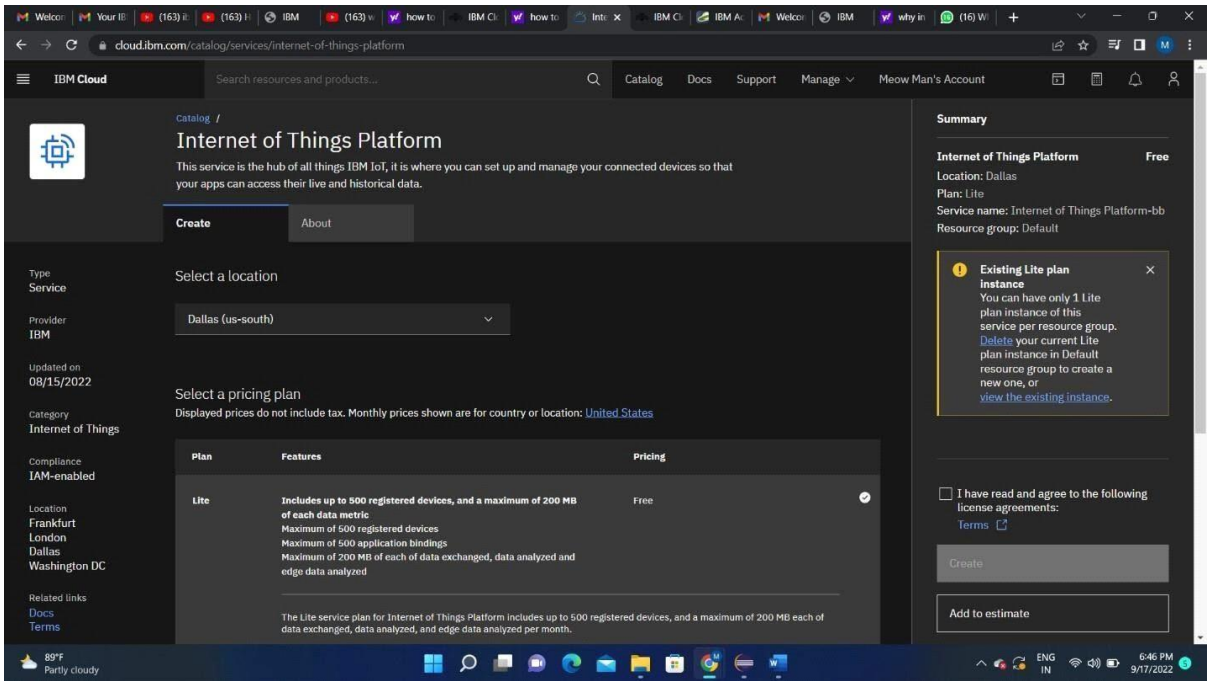
- Home page of IBM cloud

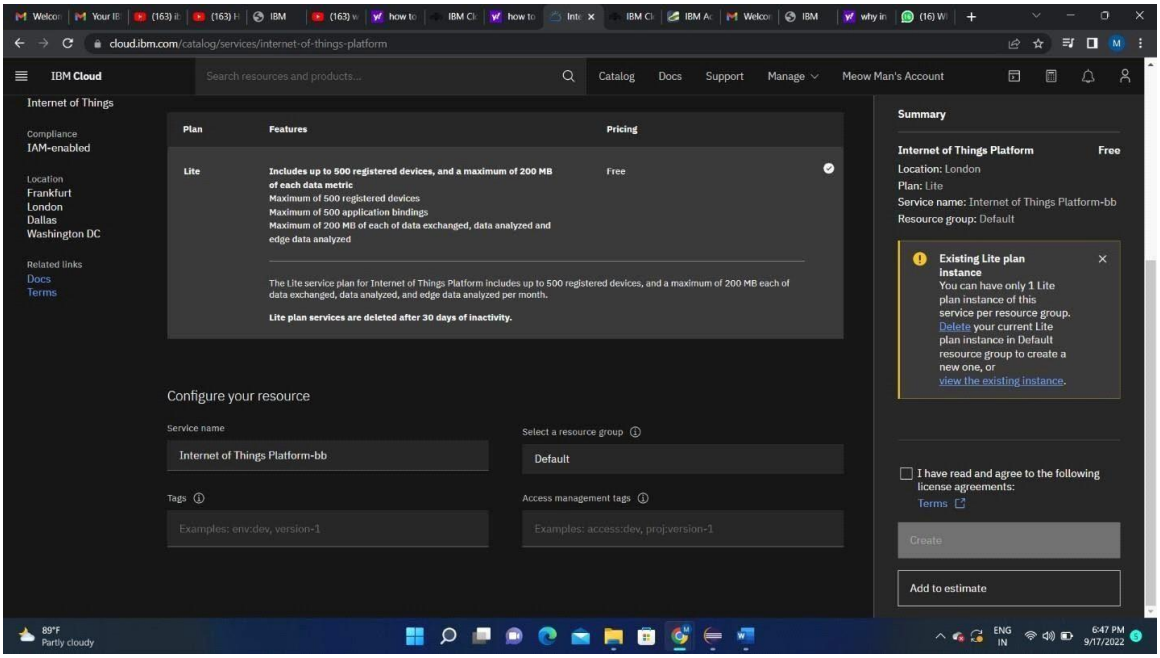




- Click on the catalog on the top

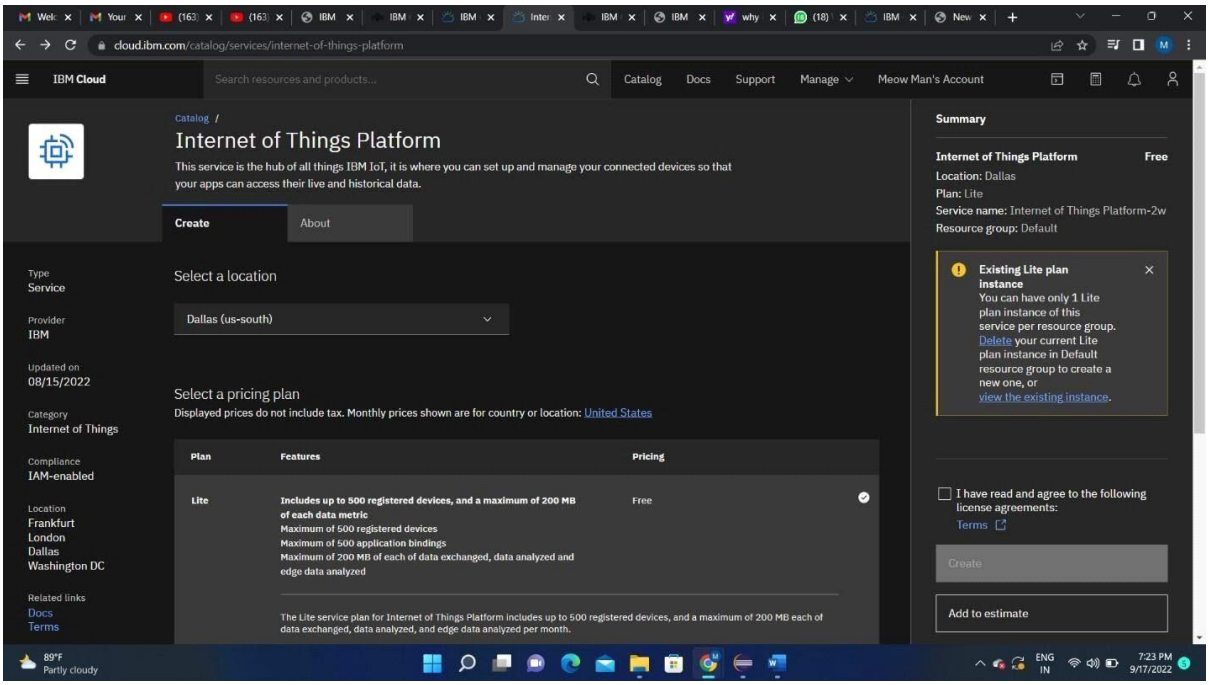
- Click on IoT in the category mentioned



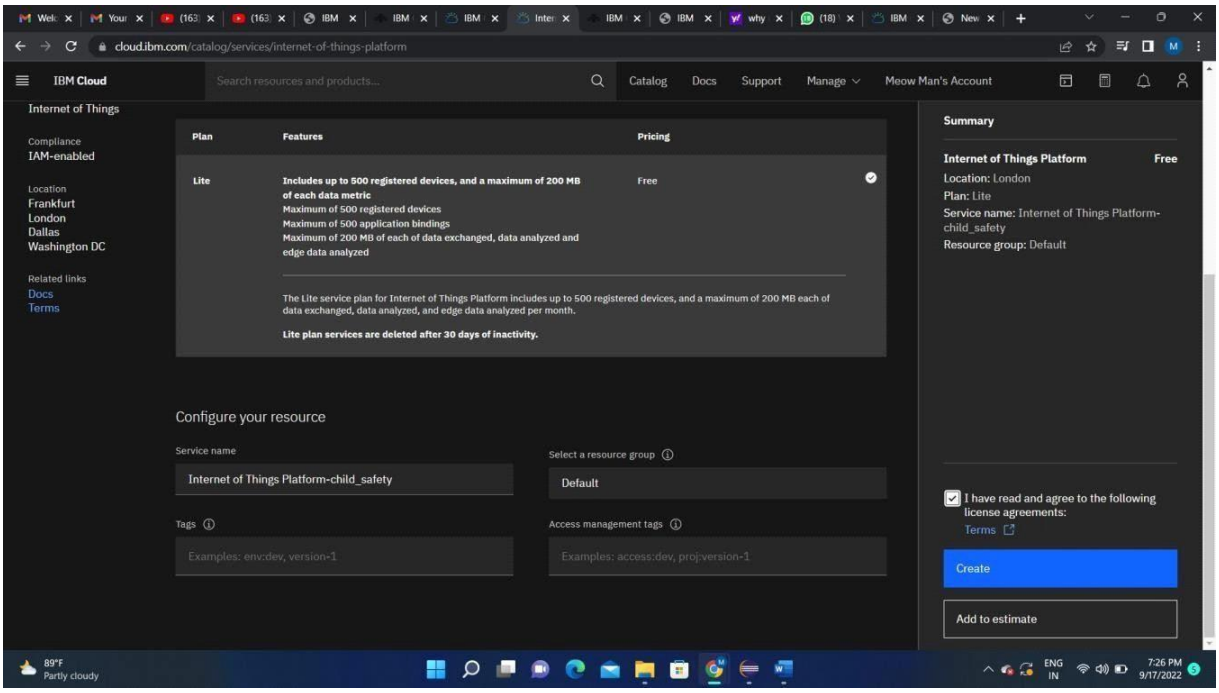
- 

If already a lite is present delete it else u can’t create another

6.

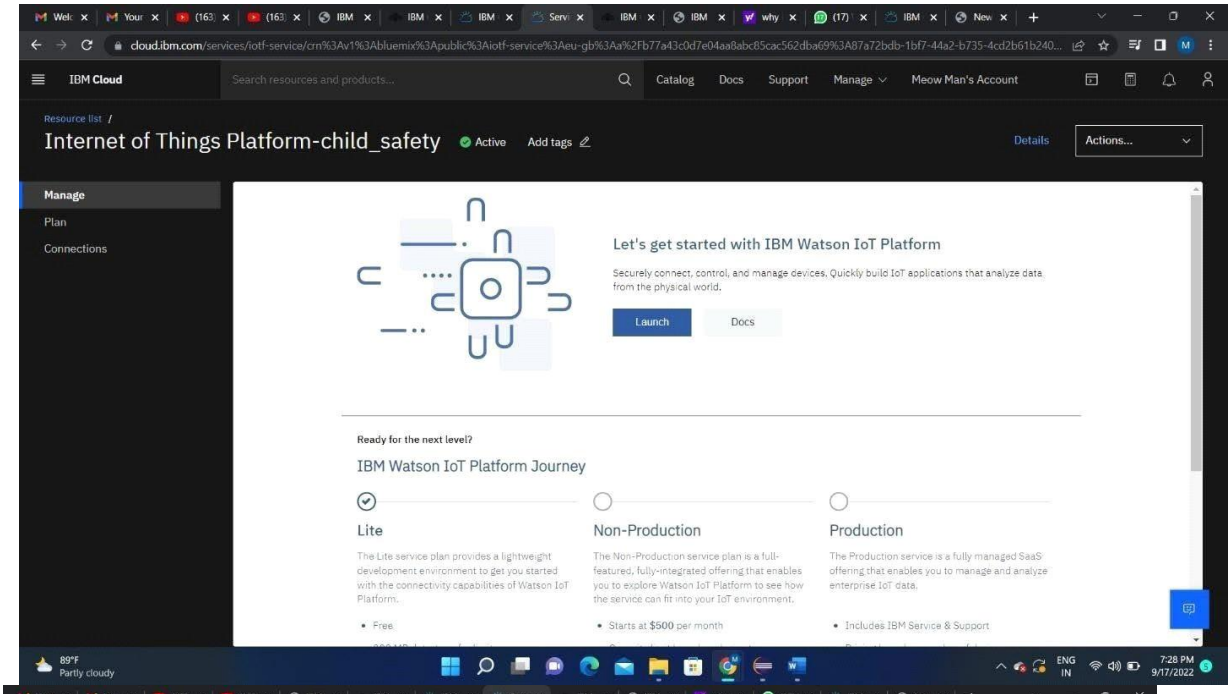


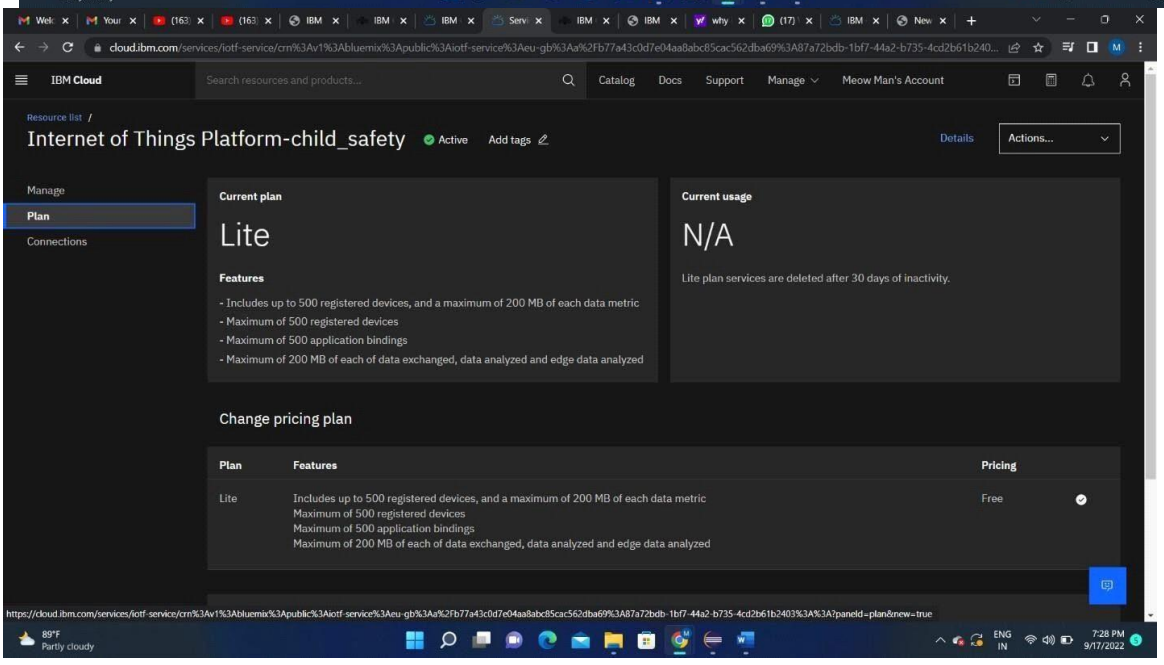
Enter the location and in the configure your resource type the service name and choose the plan, tick the agree with agreements and then click on create



7.

Internet of Things Platform Child_safety will be created, where there aredifferent options like manage, plan, and connection (manage is for launch,Plan gives us the idea about the payment package and its upgrades, and lastly the connection is for to connect IoT with other servies)





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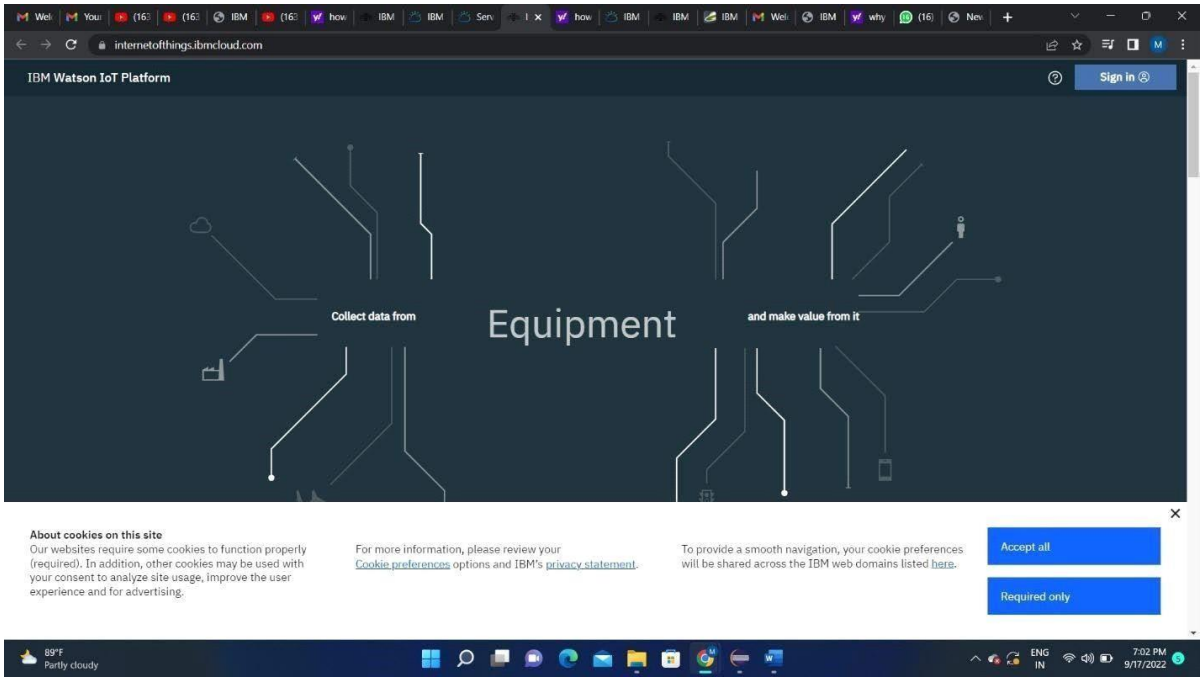
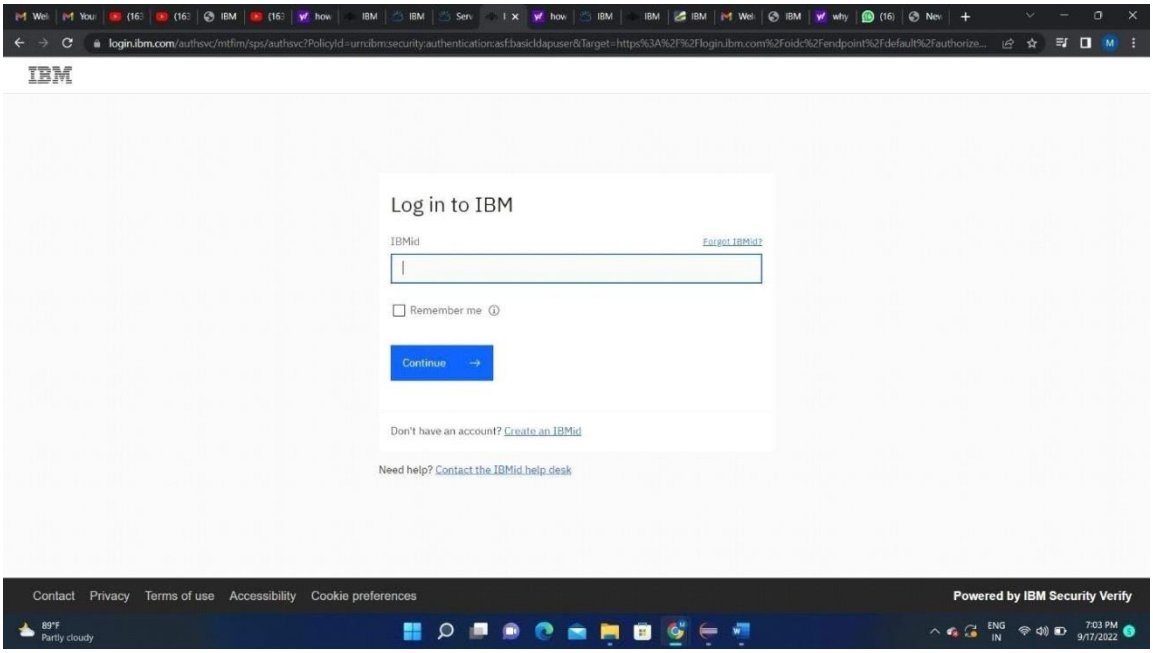
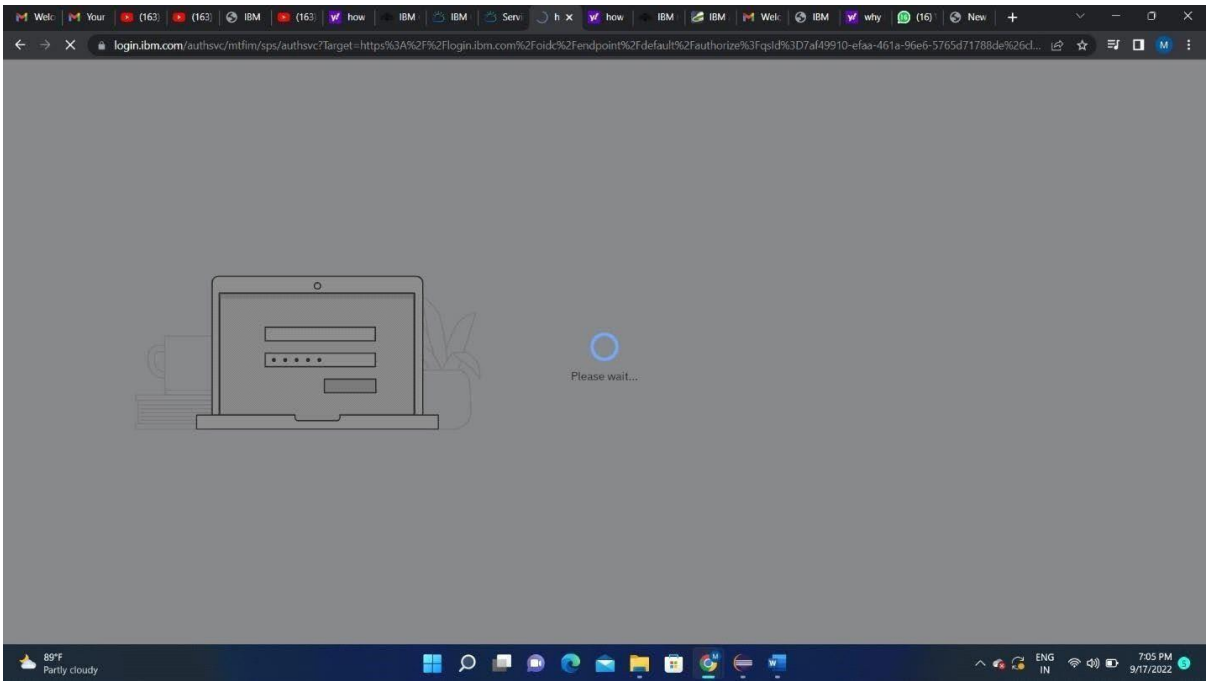
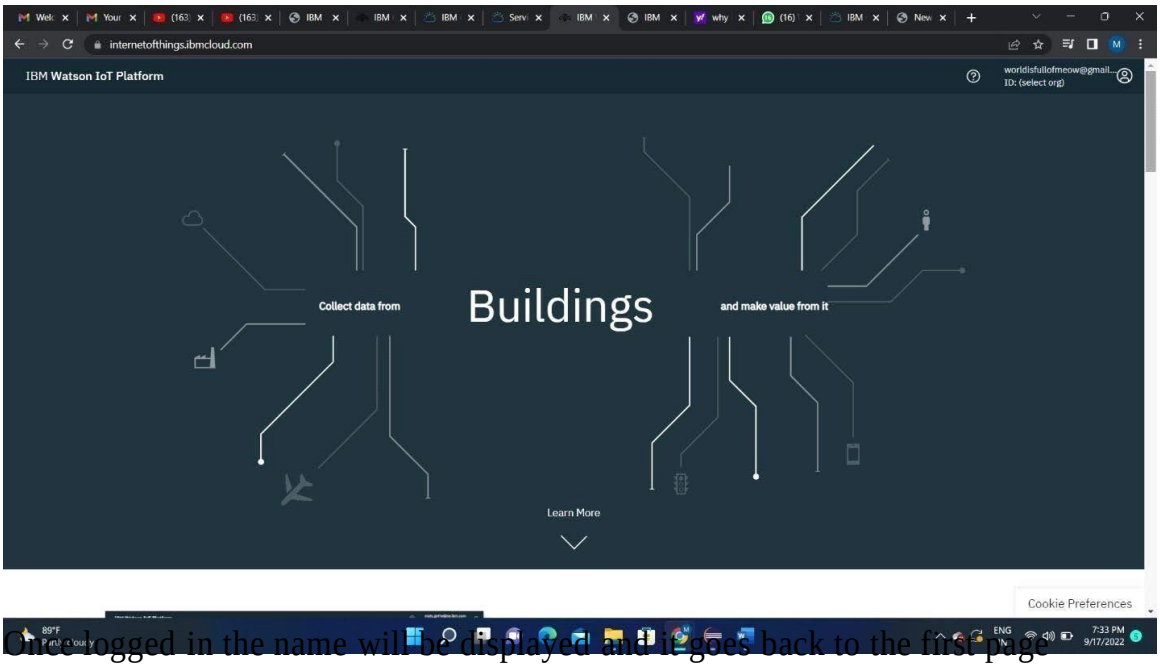


Clicking on the launch button in the manage tab, it will open to this

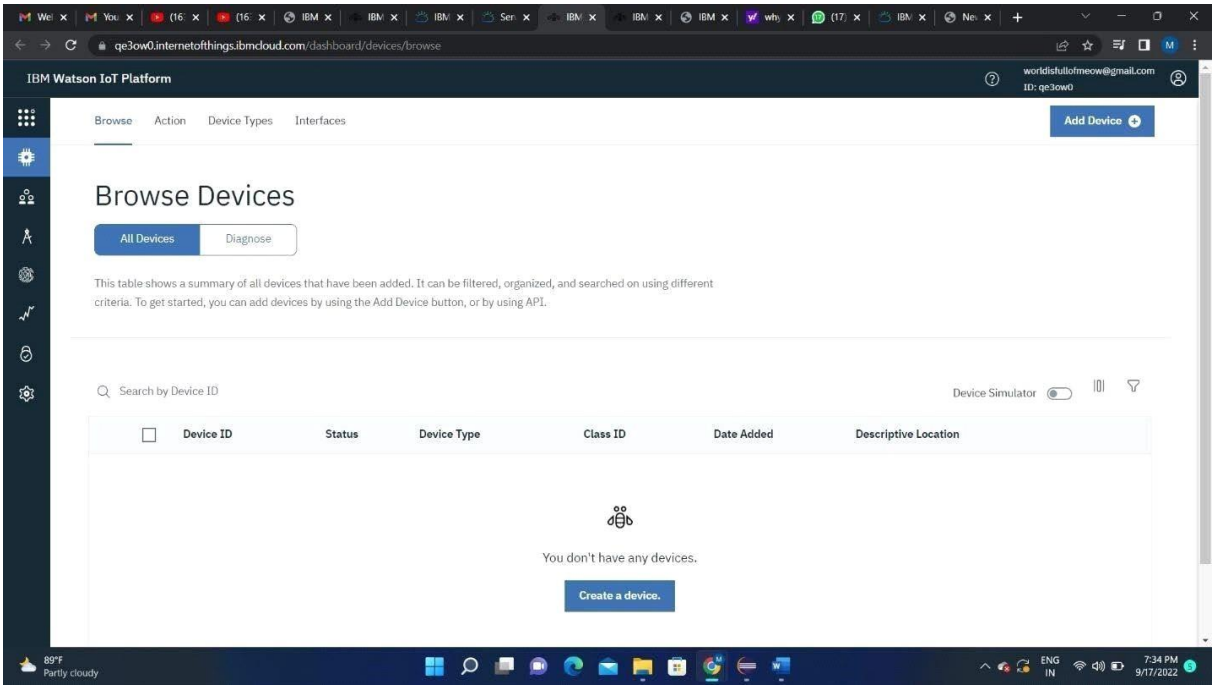
- Enter the details to sign in to the Watson Cloud to create a device



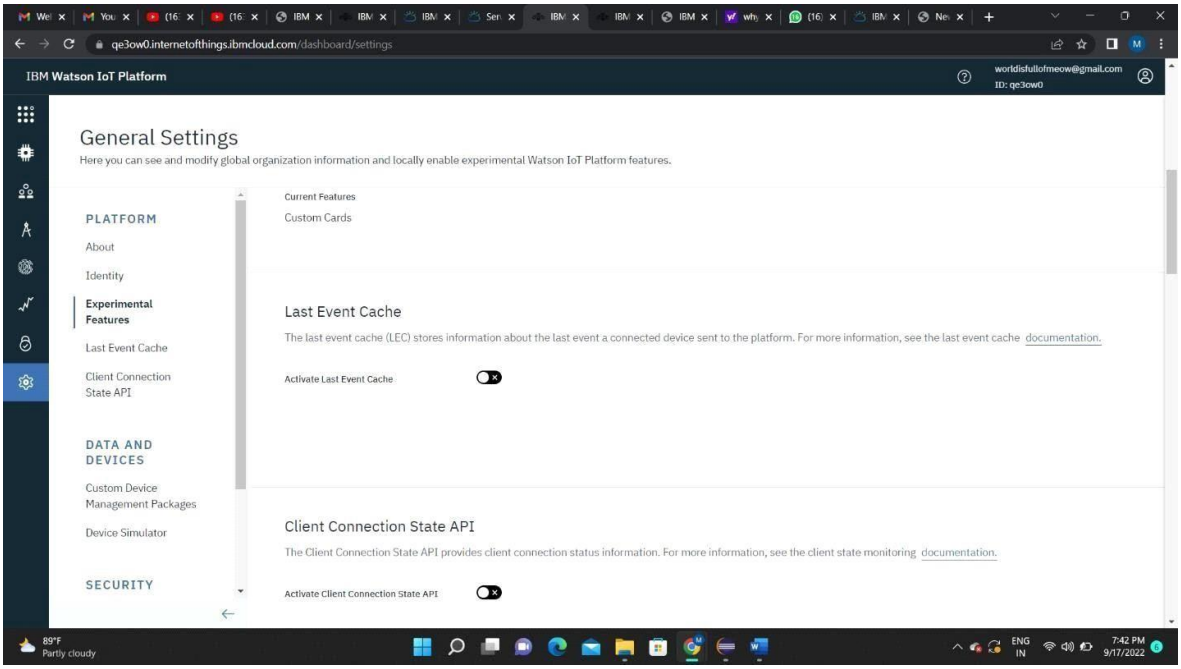




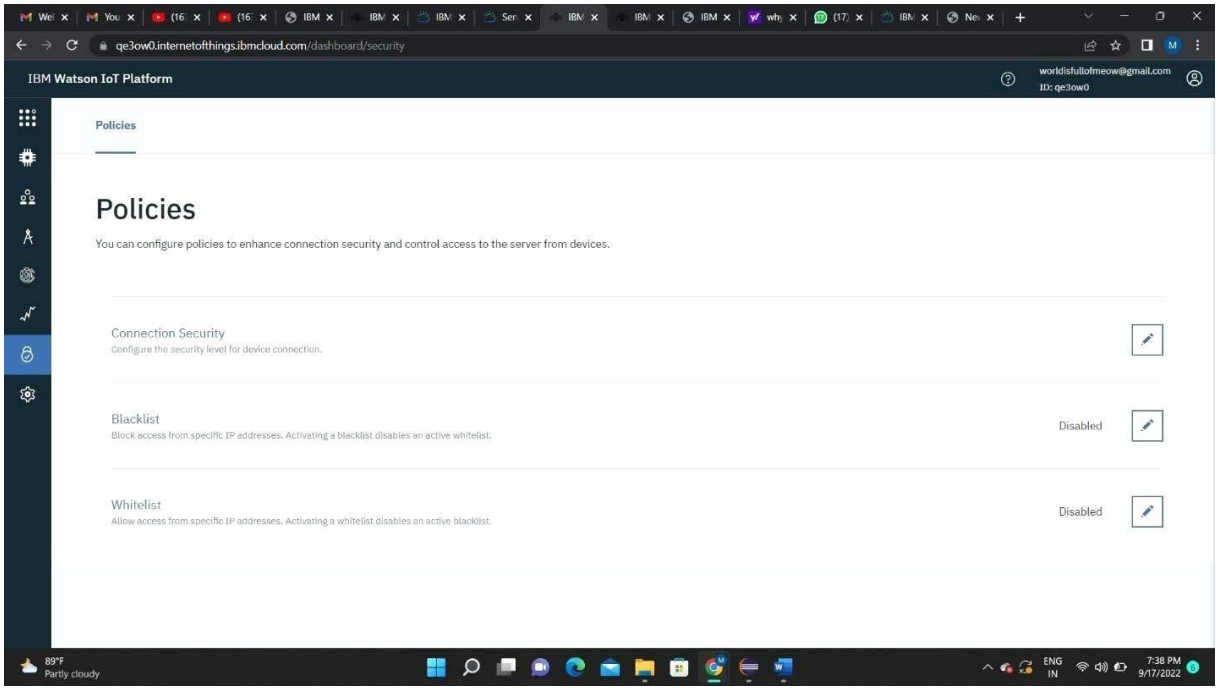
- Once logged in the name will be displayed and it goes back to the first page

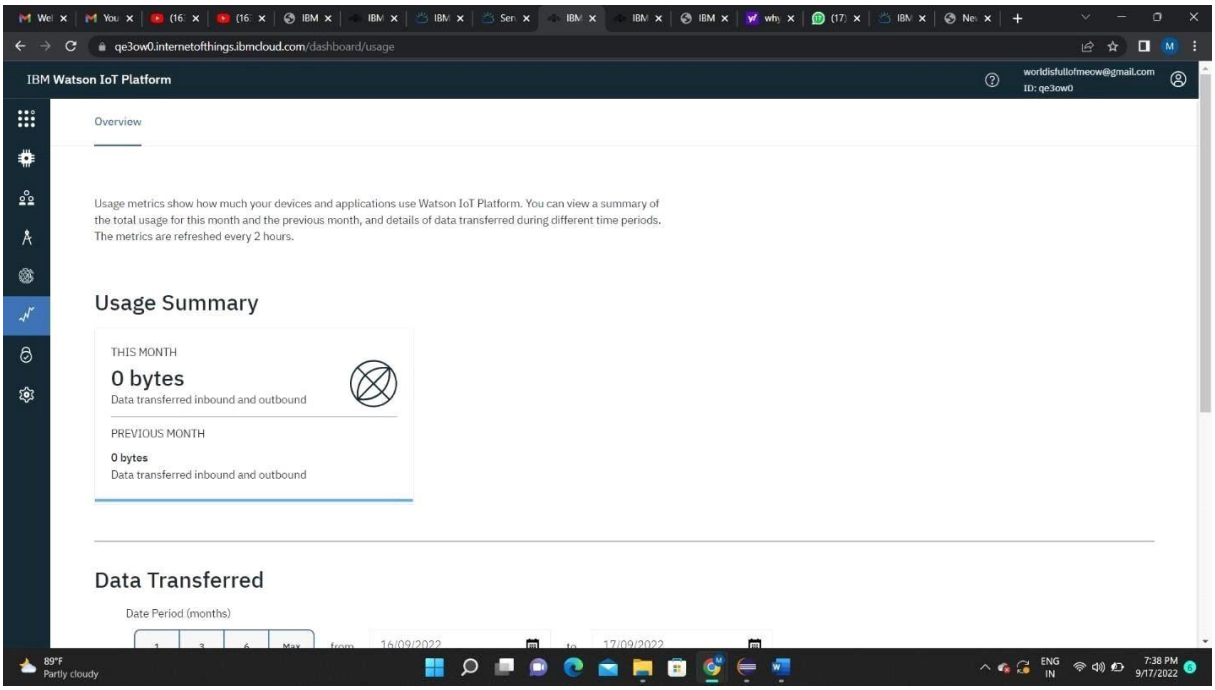


- And again clicking on the launch button will open this tab, the device will help in the creation of the devices, the addition of devices, and the display ofdetails of the devices.
- The setting tab is used to change the general setting if needed for the project.

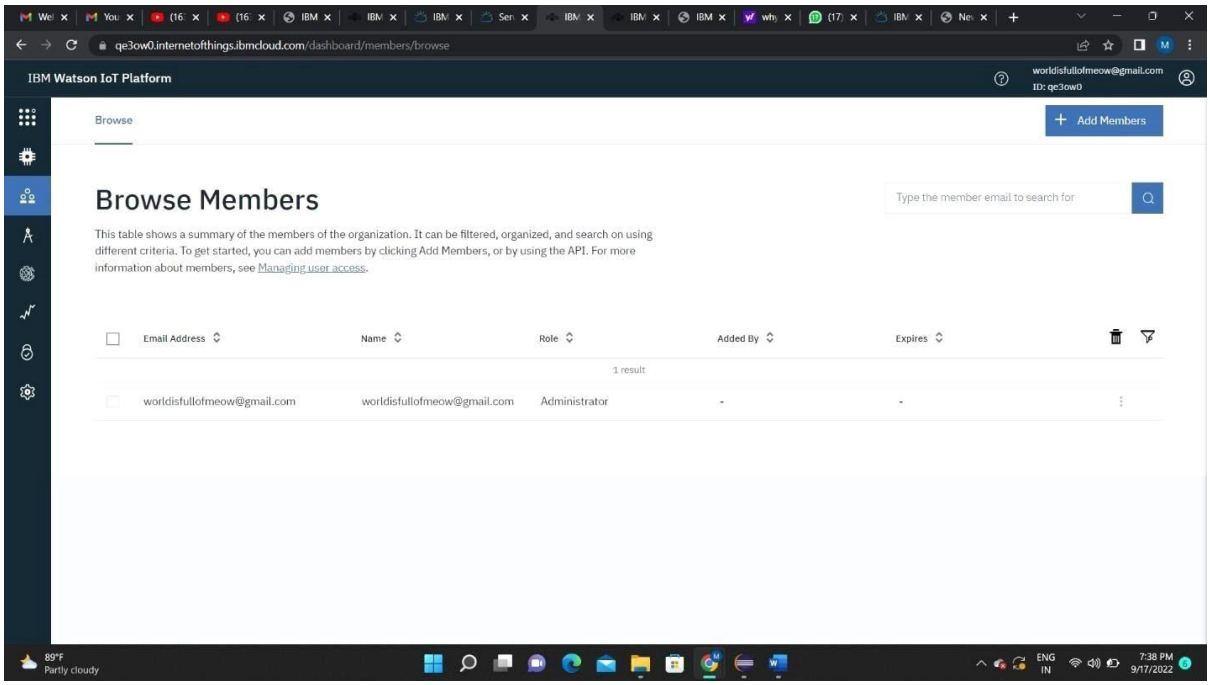


- In the security tab we can choose the type of security connection and canchange according to specification

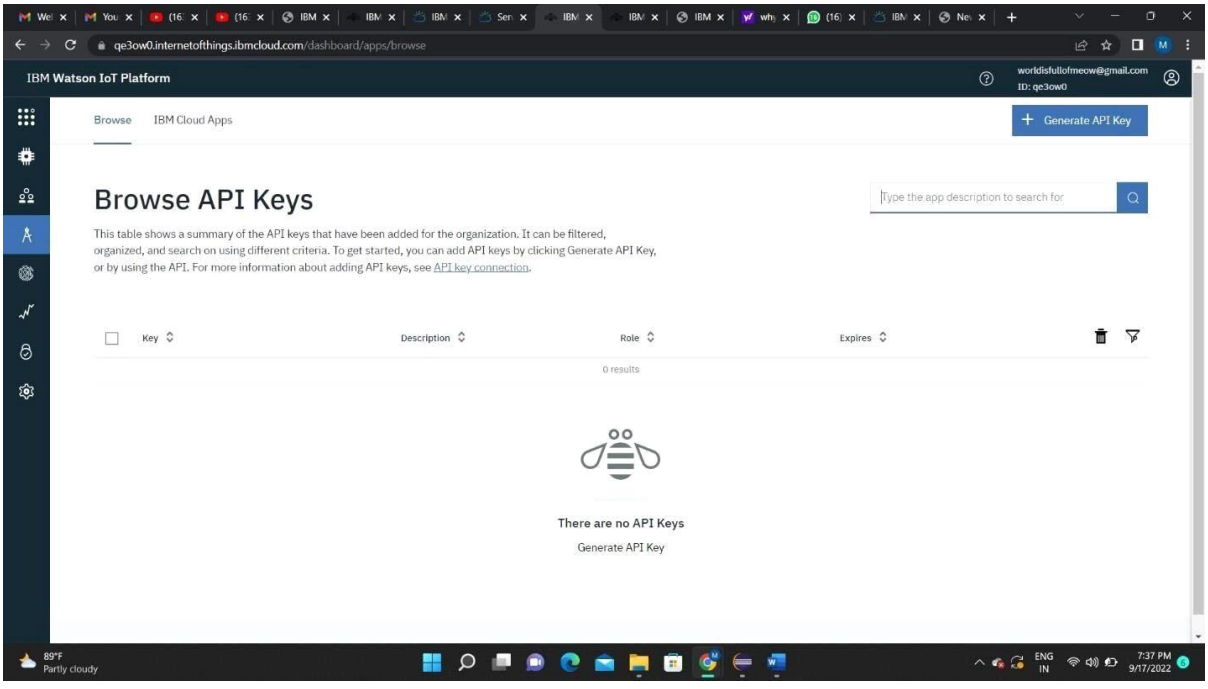




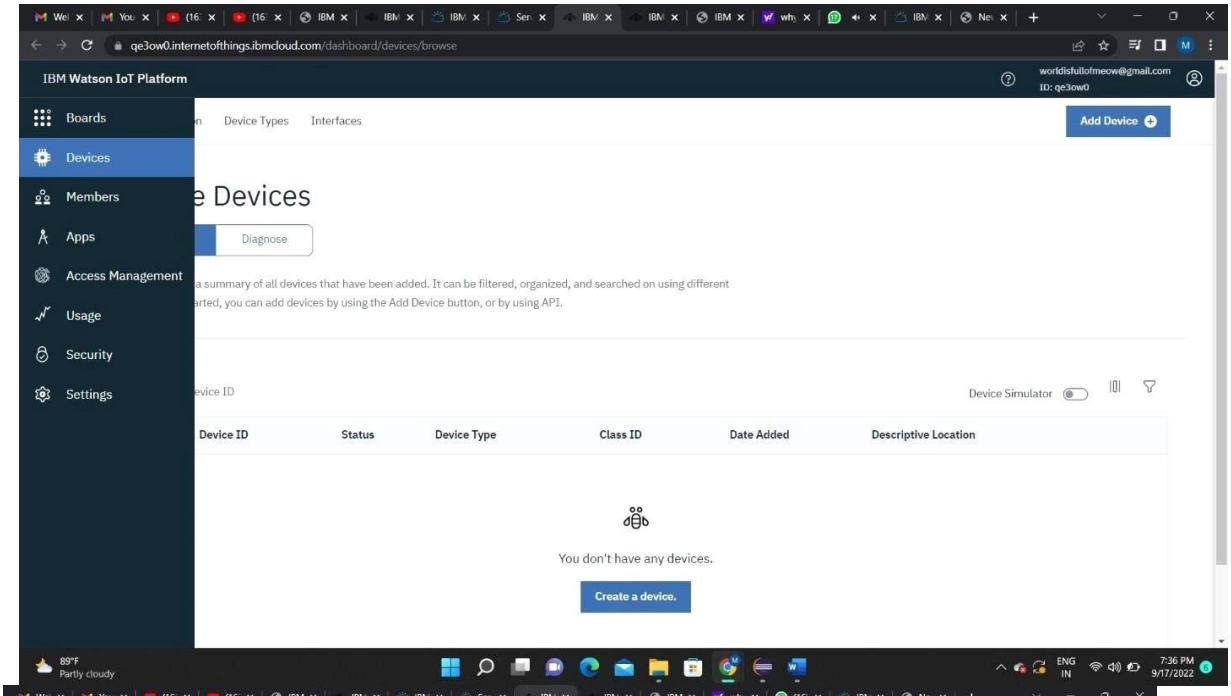
- Usage gives the summary of how many bytes are used between the devicesand the IBM cloud.
- The member tab is add the teams members to work in the platform

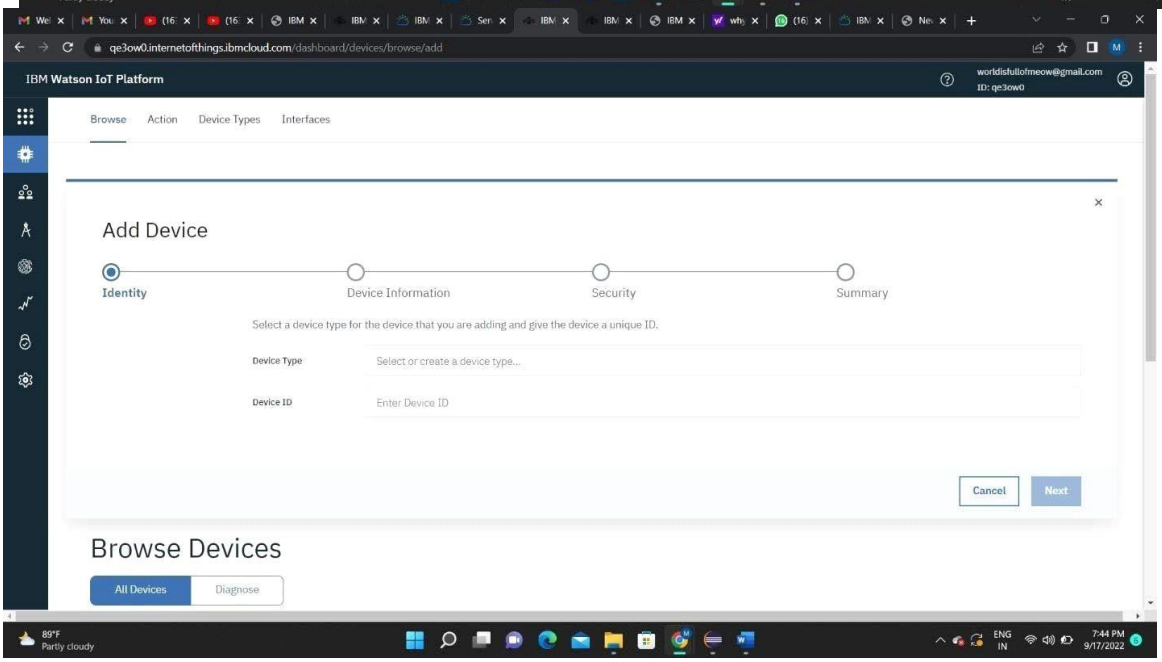


- This tab is used when you want to connect to some other platform and tointegrate with other services.



- Click on the device tab and click on the add device button, then give thedevice type and device id and click next


qe3ow0.internetofthings.ibmcloud.com/dashboard/devices/browse
IBM Watson IoT Platform
worldisfullofmeow@gmail.com
ID: qe3ow0
Boards
Devices
Members
Apps
Access Management
Usage
Security
Settings
Device Types
Interfaces
Add Device
Devices
Diagnose
a summary of all devices that have been added. It can be filtered, organized, and searched on using different
arted, you can add devices by using the Add Device button, or by using API.
Device Simulator
Device ID
Status
Device Type
Class ID
Date Added
Descriptive Location
You don't have any devices.
Create a device.
89°F
Partly cloudy
ENG
IN
7:36 PM
9/17/2022


qe3ow0.internetofthings.ibmcloud.com/dashboard/devices/browse/add
IBM Watson IoT Platform
worldisfullofmeow@gmail.com
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Browse
Action
Device Types
Interfaces
Add Device
Identity
Device Information
Security
Summary
Select a device type for the device that you are adding and give the device a unique ID.
Device Type
Select or create a device type...
Device ID
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Next
Browse Devices
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89°F
Partly cloudy
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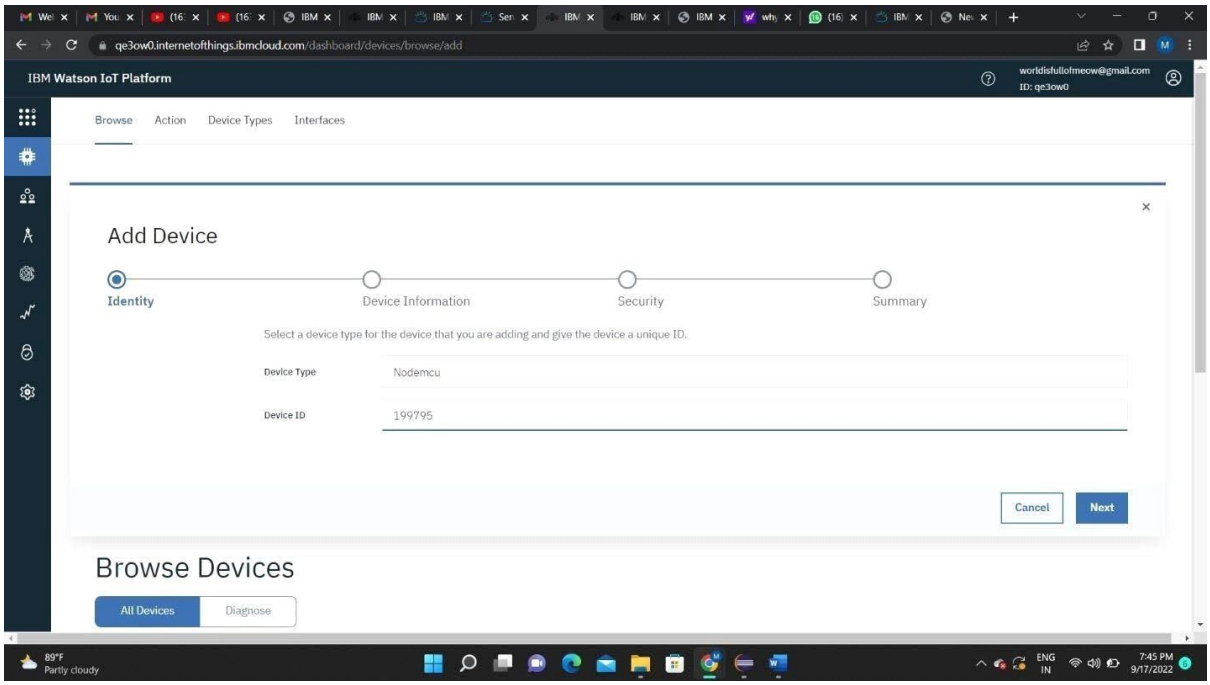
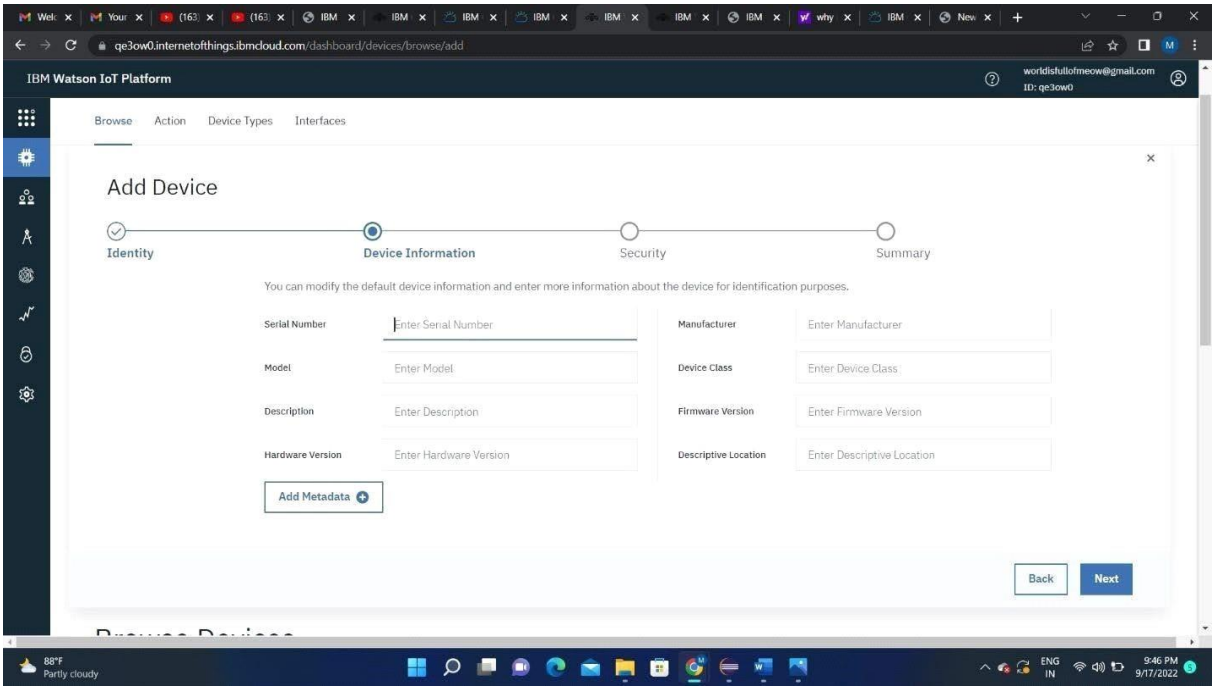
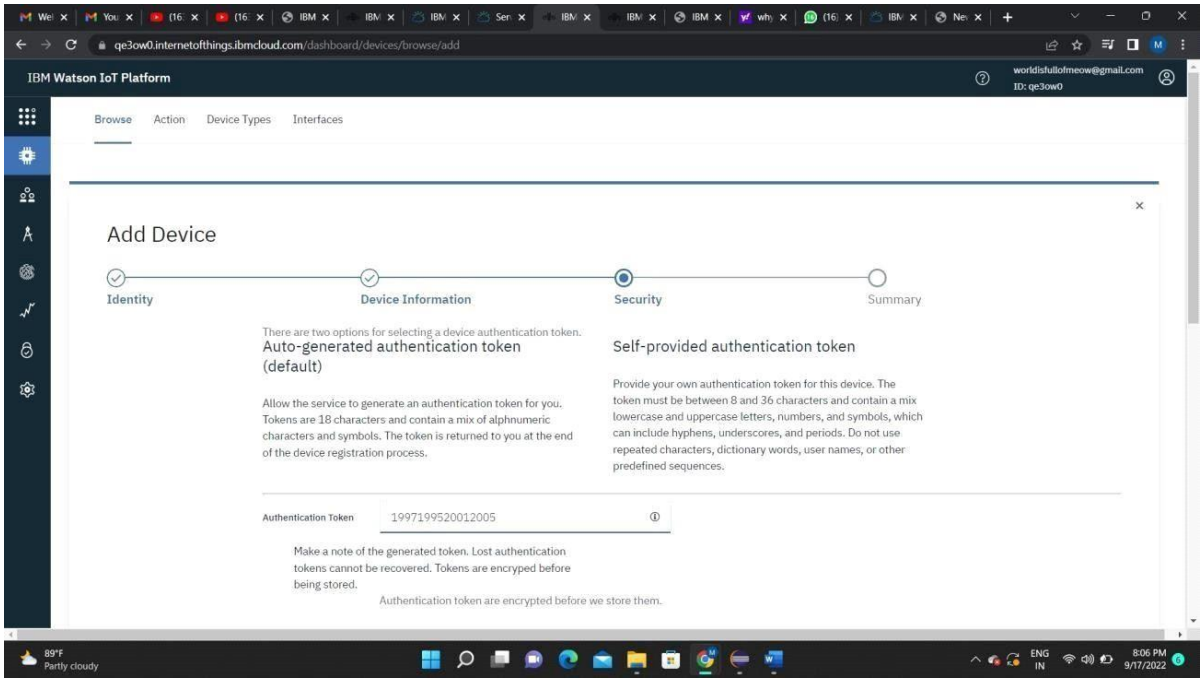
9/17/2022

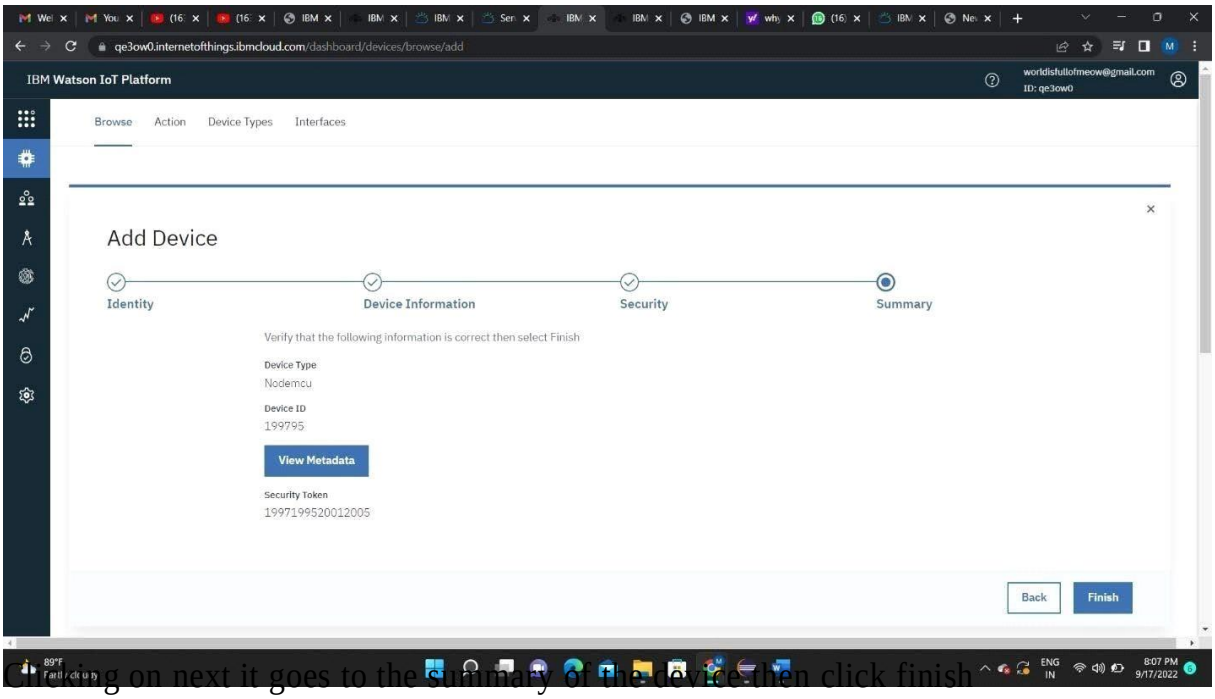




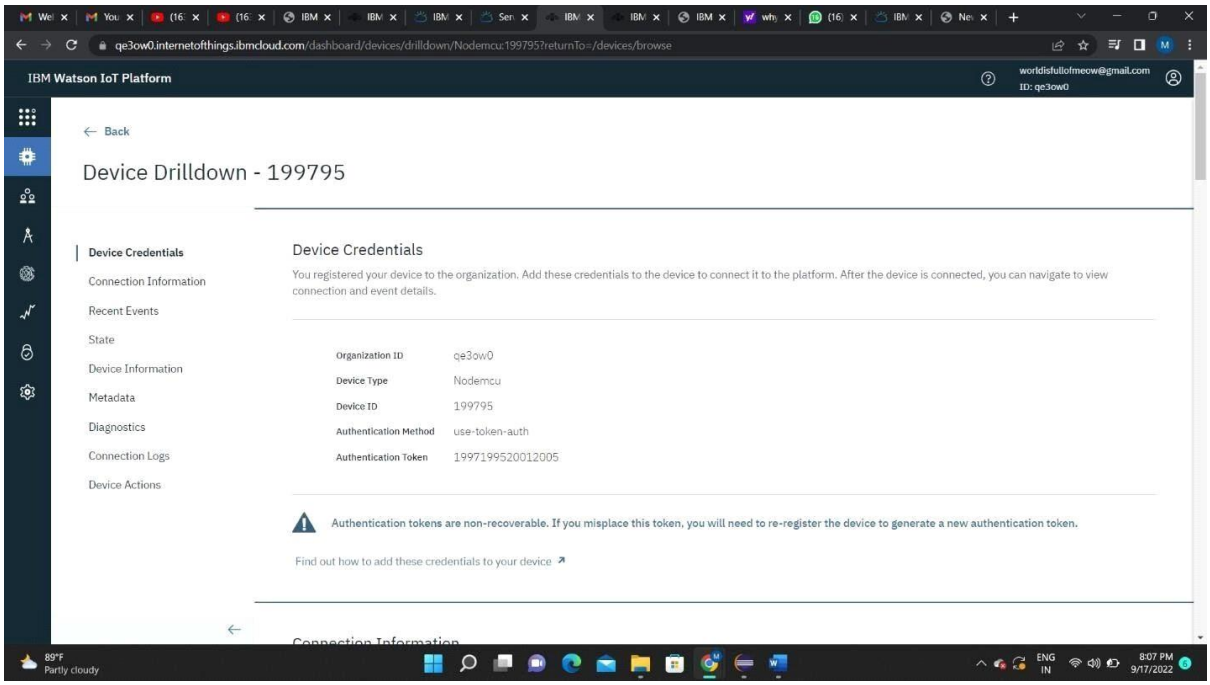
- This page to enter extra details and of the hardware

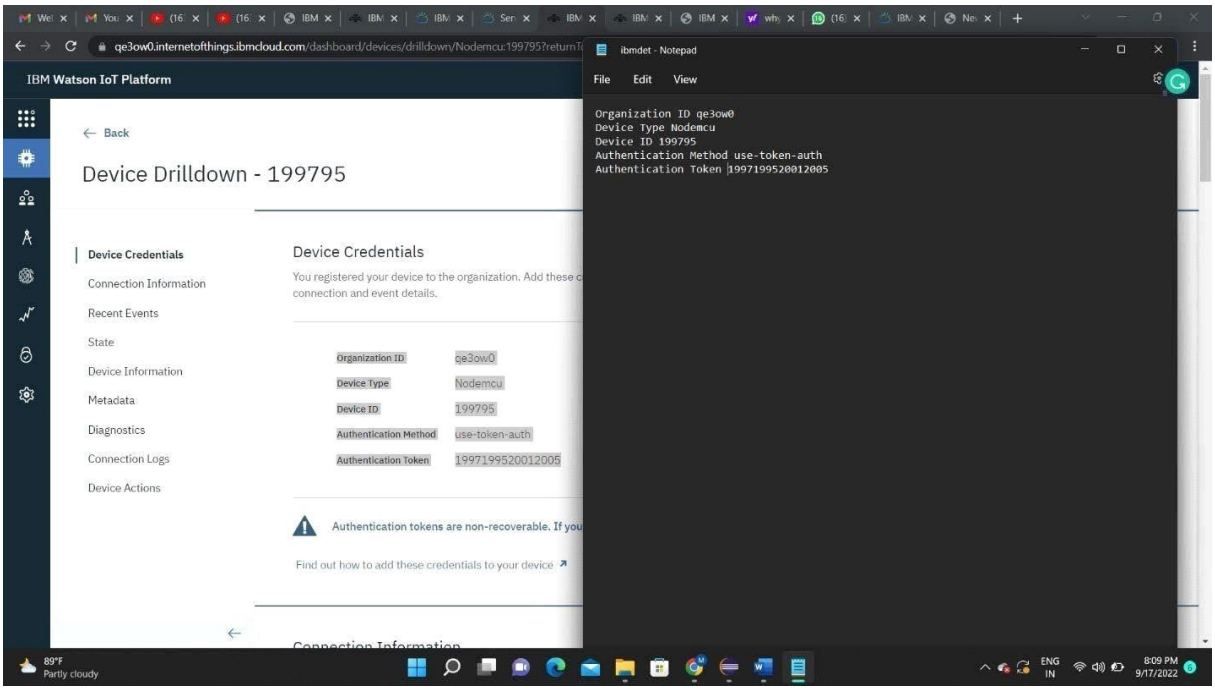
- Clicking next it goes to the security where we do authentication token id.





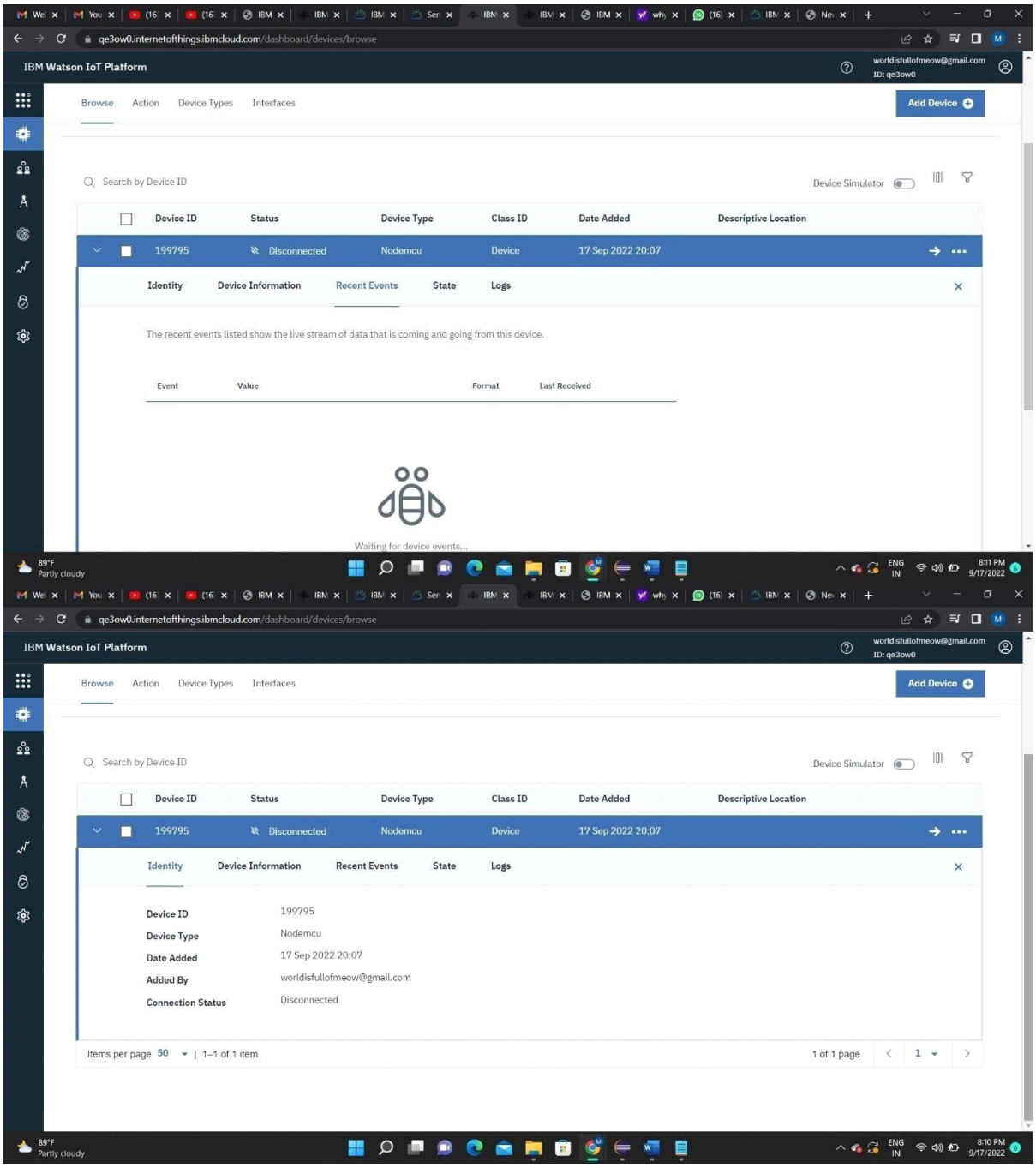
- Clicking on next it goes to the summary of the device then click finish
- The device credentials will be displayed with all the details





- Safe the details of the device as the authentication tokens are nonrecoverableand if misplaced then we have to create a new one.

- Clicking on the device tab we can now see the added device. Clicking on itwill display the other details.



It has different tabs like Identity, Device Information, State and login.

In a similar way, we can create n number of devices with a 50 per page limit as per the requirement of our project.

- The Boards will display card for the project.

RESULT:

An IBM Watson cloud for IoT and a device is created