

CREATE IBM WATSON IOT PLATFORM AND DEVICE

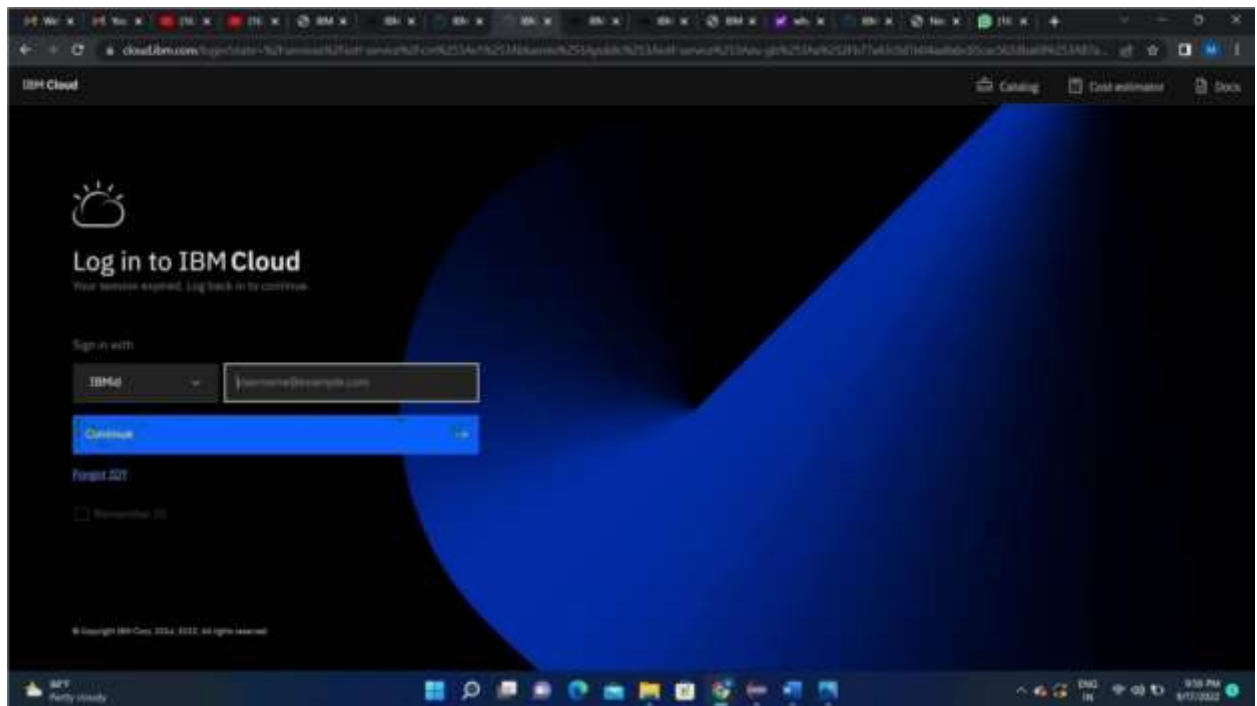
TEAM ID	PNT2022TMID05567
Project Name	IOT based safety gadget for child safety monitoring and notification

AIM:

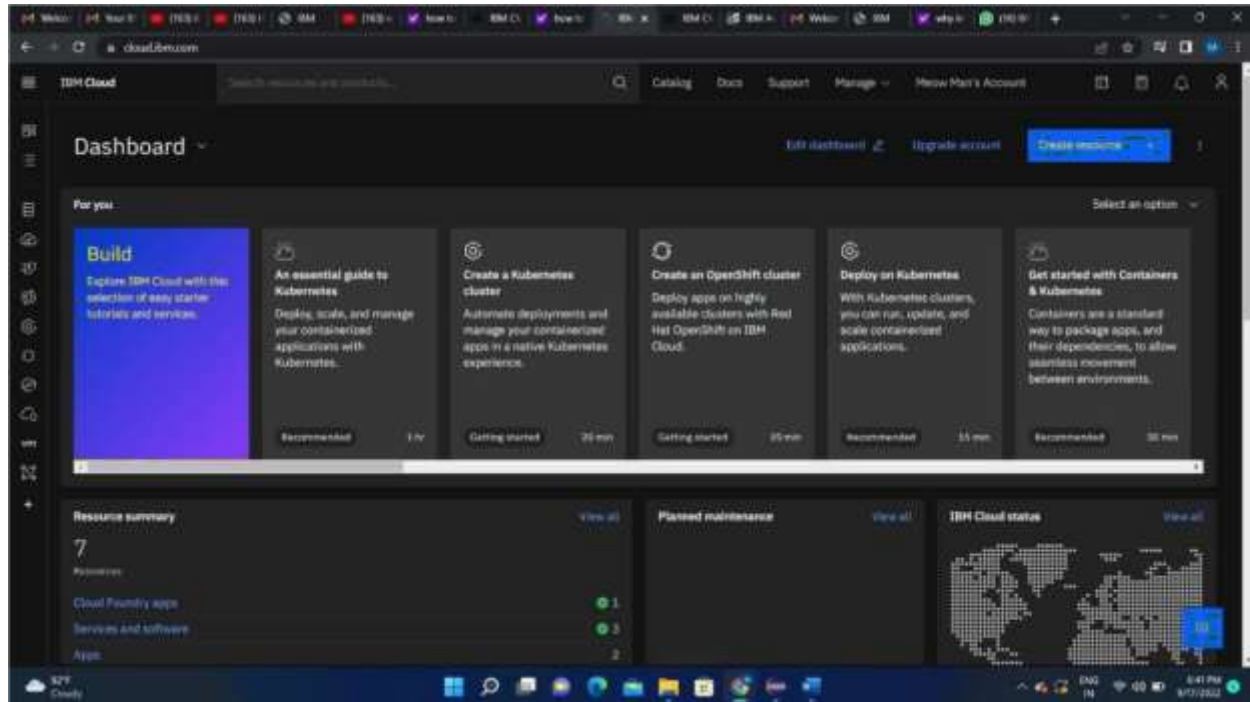
To create the IBM Watson IoT platform and device

STEPS:

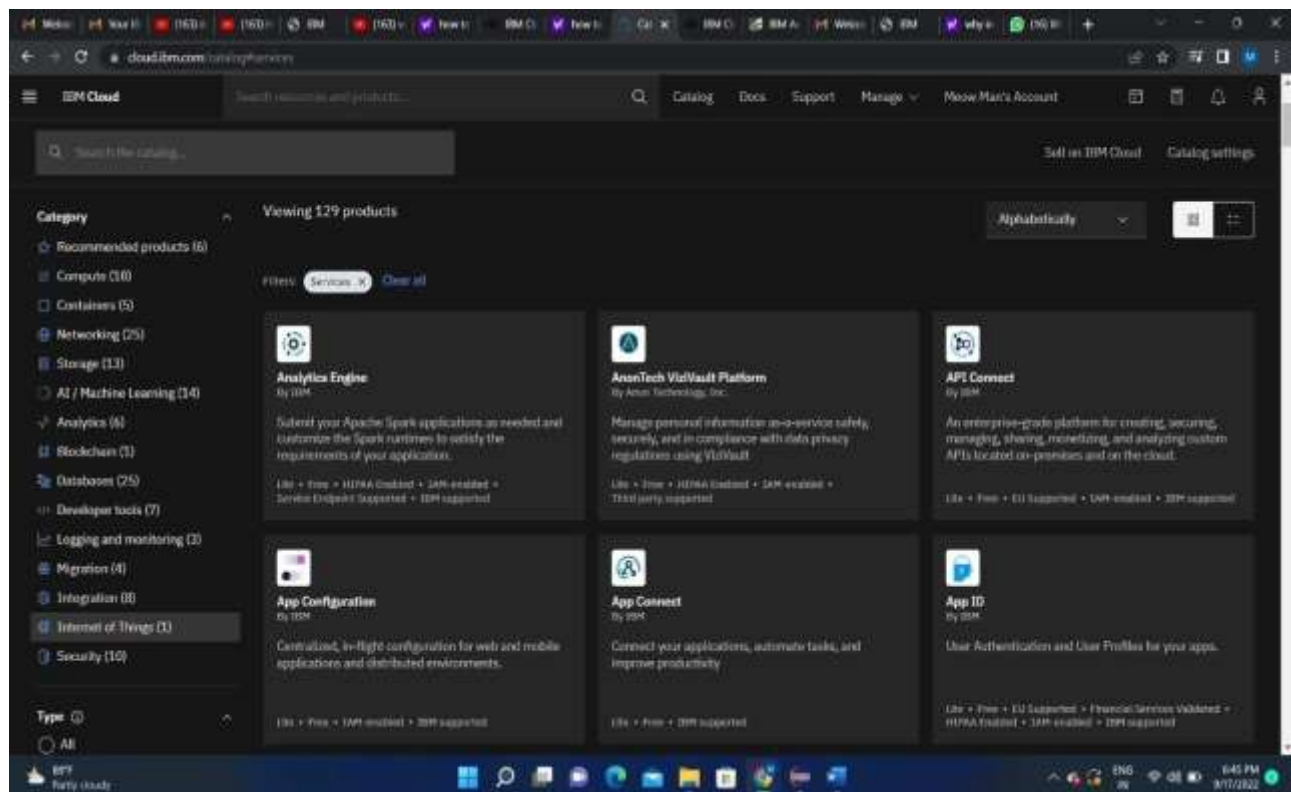
1. Firstly create an IBM cloud account with IBMid and password



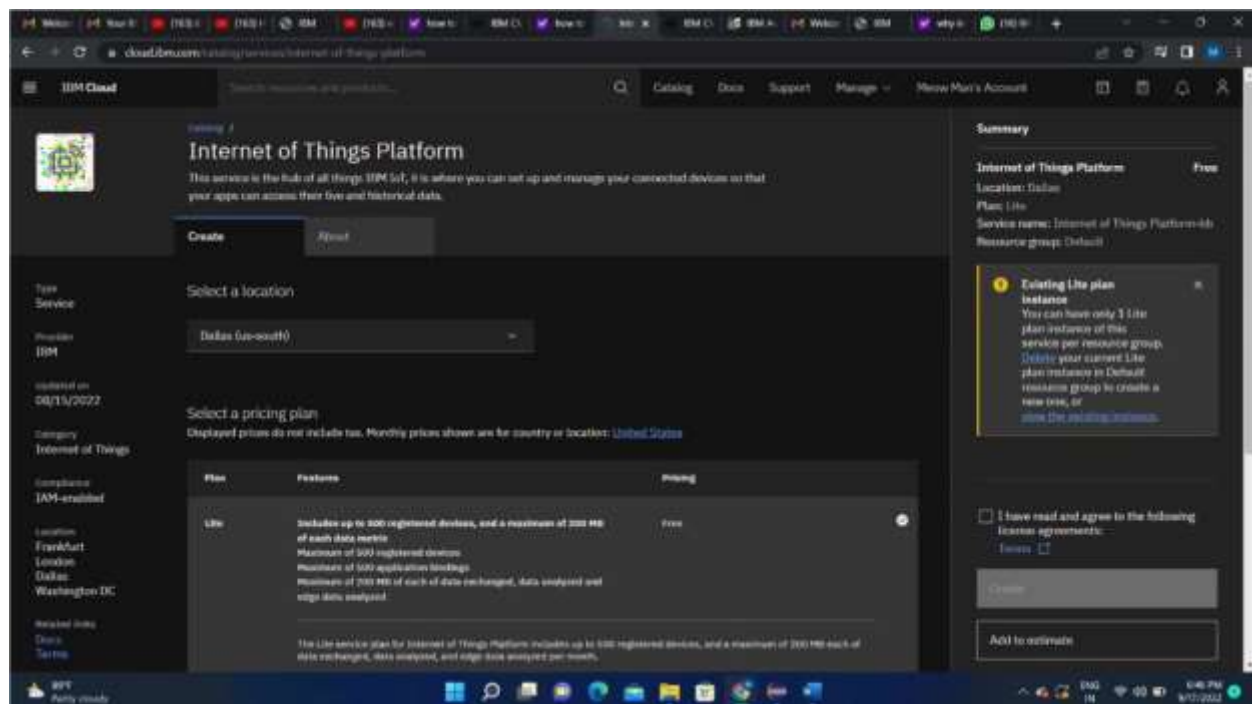
2. Home page of IBM cloud



3. Click on the catalog on the top



4. Click on IoT in the category mentioned



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

Internet of Things

Compliance
IAM-enabled

Location
Frankfurt
London
Dallas
Washington DC

Related links
Docs
Terms

Plan

Features

Pricing

Life

Includes up to 500 registered devices, and a maximum of 200 MB of each data metric.
Maximum of 500 registered devices
Maximum of 500 application findings
Maximum of 200 MB of each of data exchanged, data analyzed and edge data analyzed

Free

The life service plan for Internet of Things Platform includes up to 500 registered devices, and a maximum of 200 MB each of data exchanged, data analyzed, and edge data analyzed per month.

Life plan services are deleted after 30 days of inactivity.

Configure your resource

Service name
Internet of Things Platform-Id

Tag
Examples: env-prod, version-1

Select a resource group
Default

Resource management help
Examples: access-control, step-by-step-1

Summary

Internet of Things Platform

Free

Location: London

Plan: Life

Service name: Internet of Things Platform-Id

Resource group: Default

Existing Life plan instance

You can have only 1 Life plan instance of this service per resource group. Delete your current Life plan instance in Default resource group to create a new one, or [join the existing instance.](#)

☐ I have read and agree to the following license agreements:
Terms ☐

Create

Add to estimate

99% Fully ready

Windows

Search

File Explorer

Microsoft Edge

Google Chrome

Outlook

OneDrive

Dropbox

Zoom

Teams

PowerToys

Task Manager

System

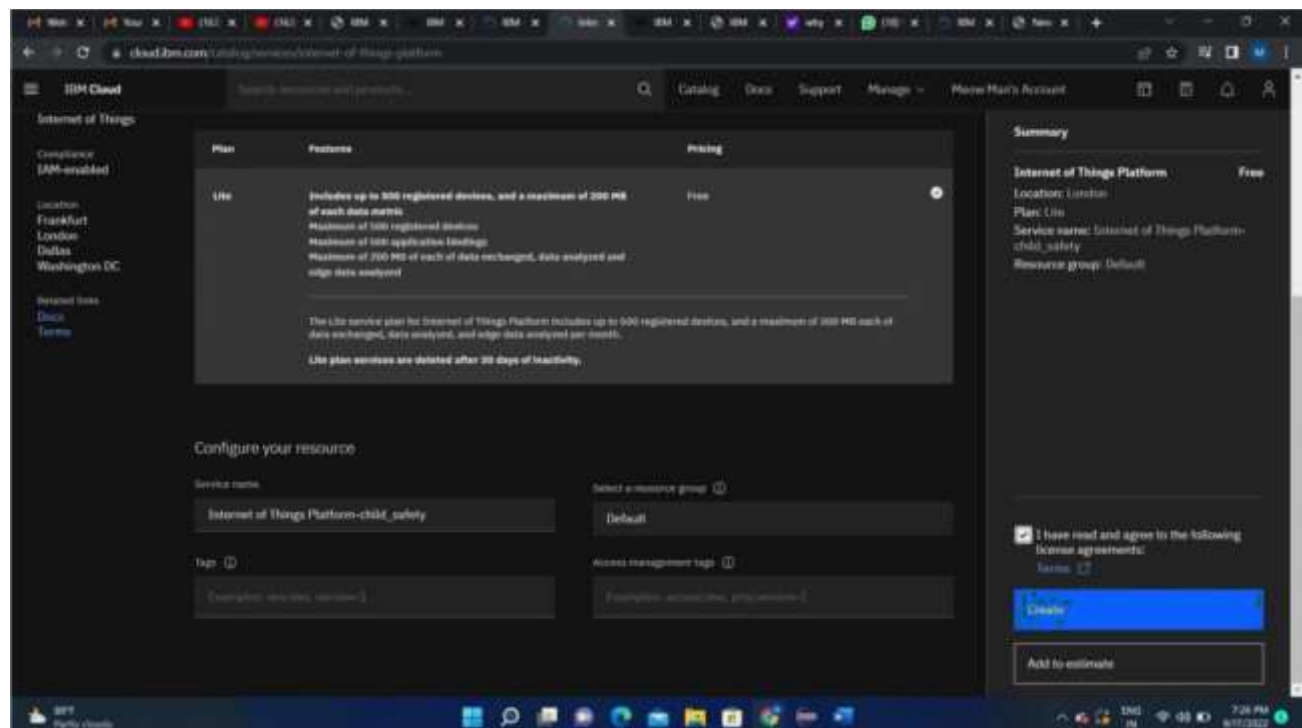
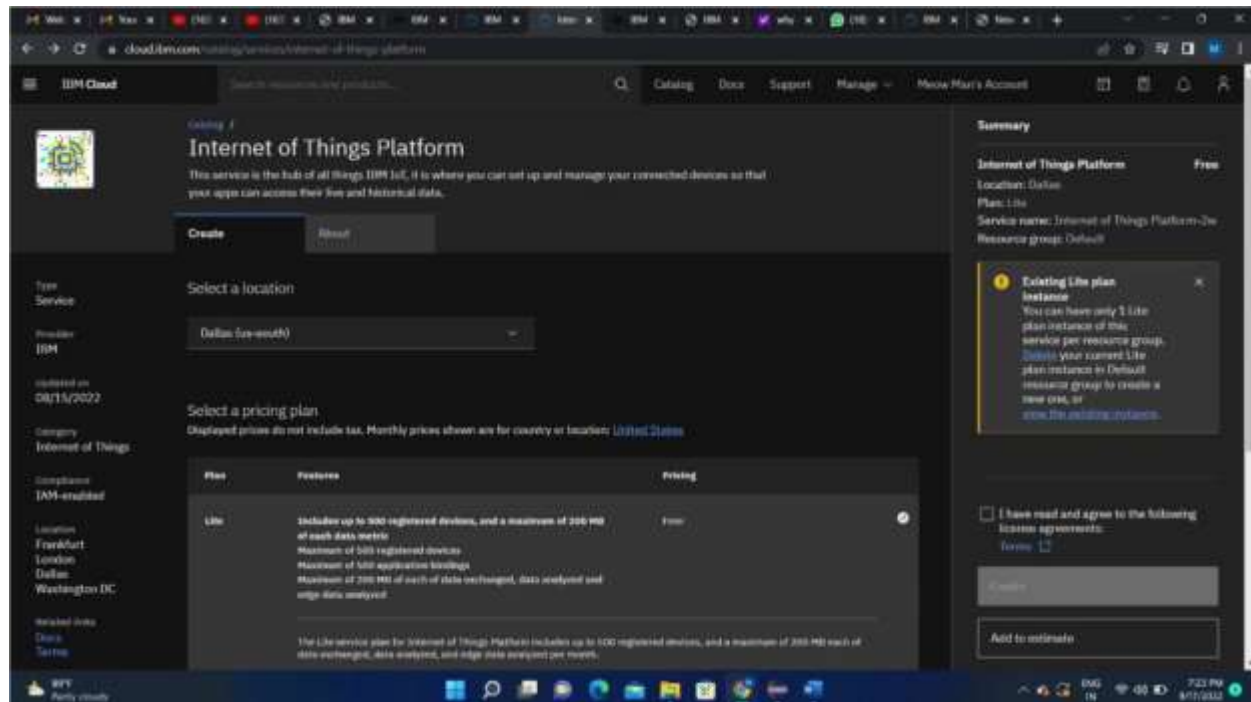
END IN

6:47 PM

9/17/2022

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

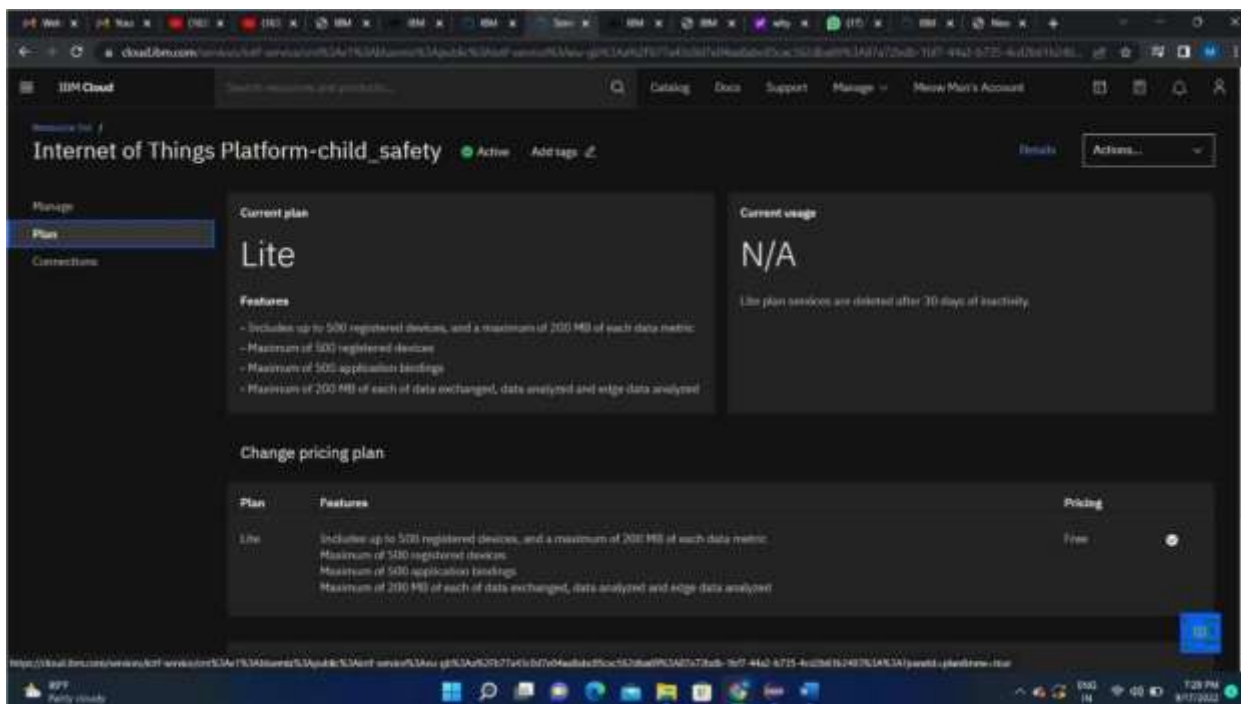


7.

Internet of Things Platform Child_safety will be created, where there are different 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

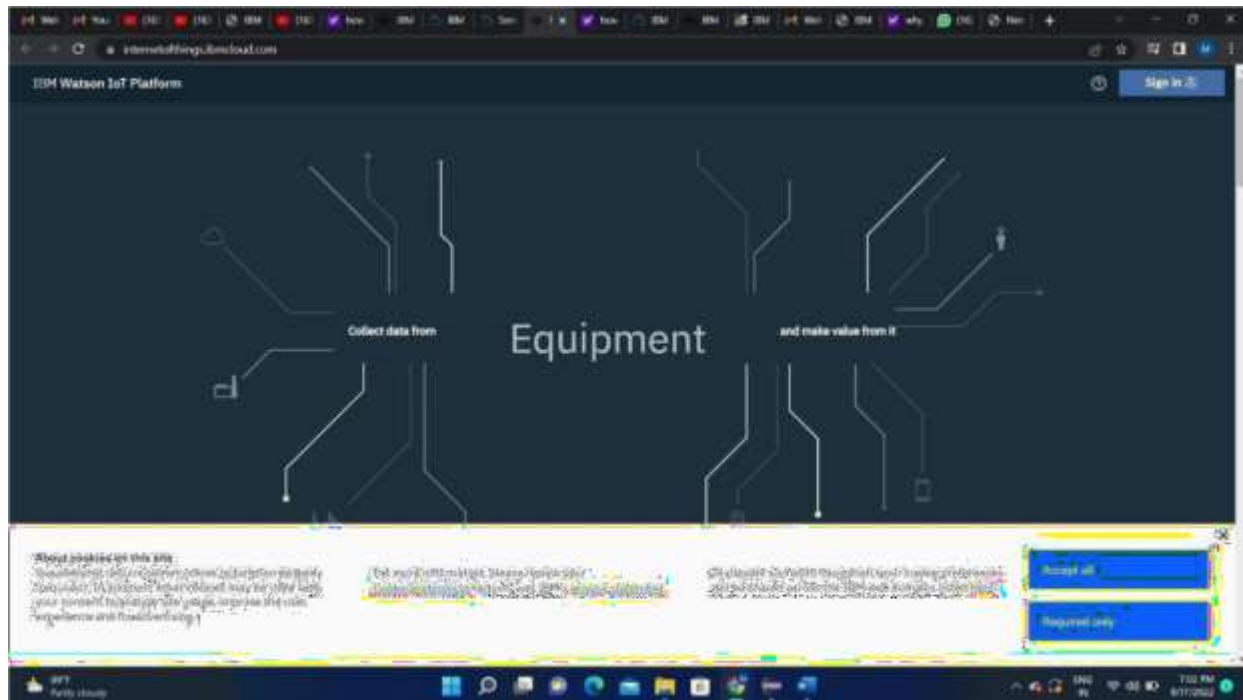
8.

connection is for to connect IoT with other services)

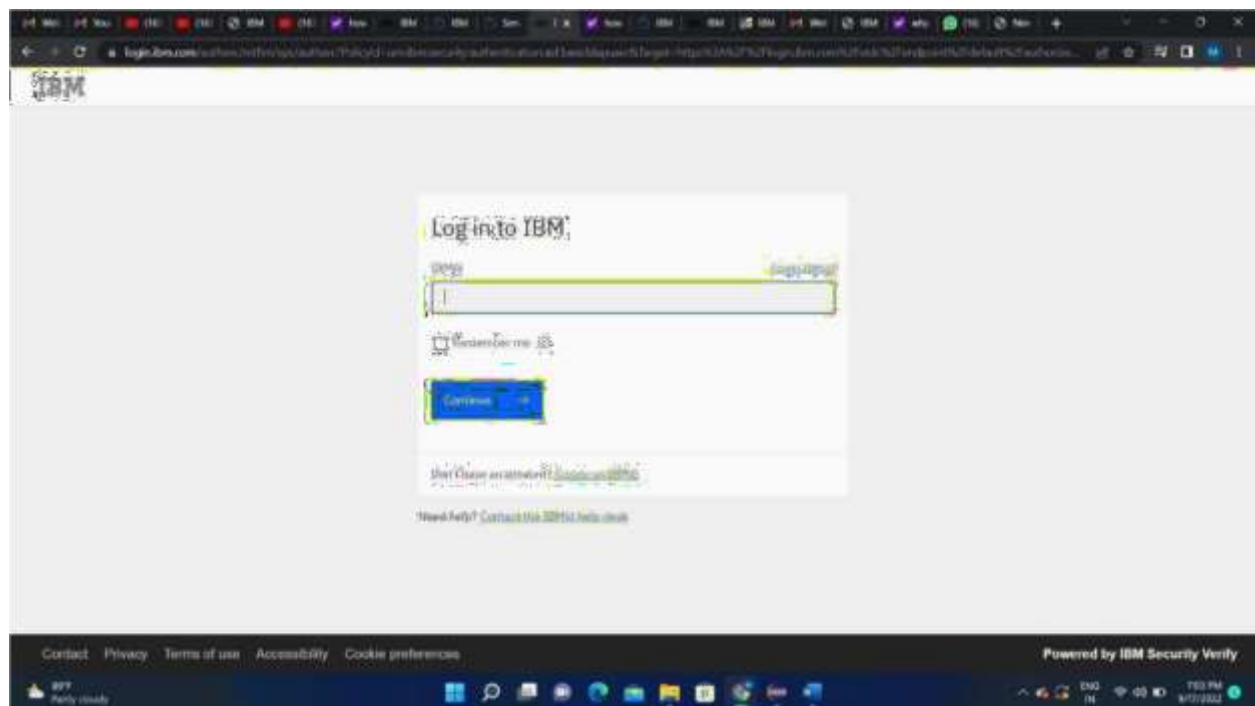


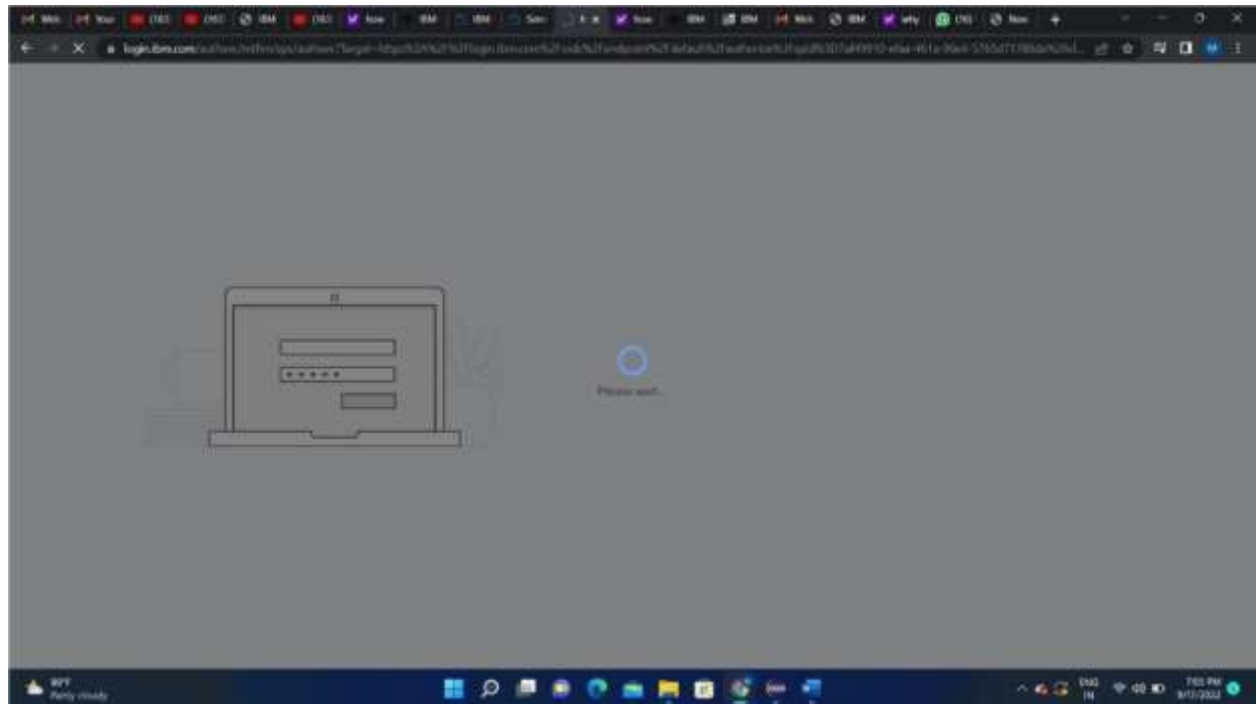
9.

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

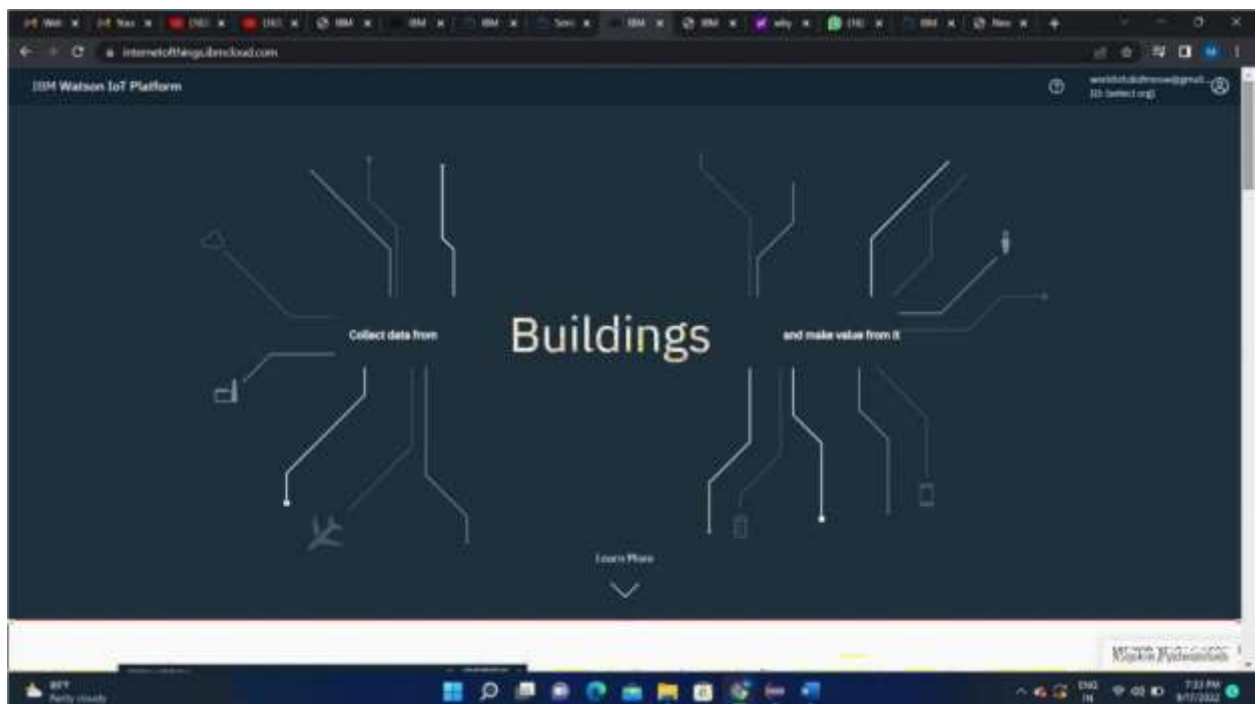


9. Enter the details to sign in to the Watson Cloud to create a device

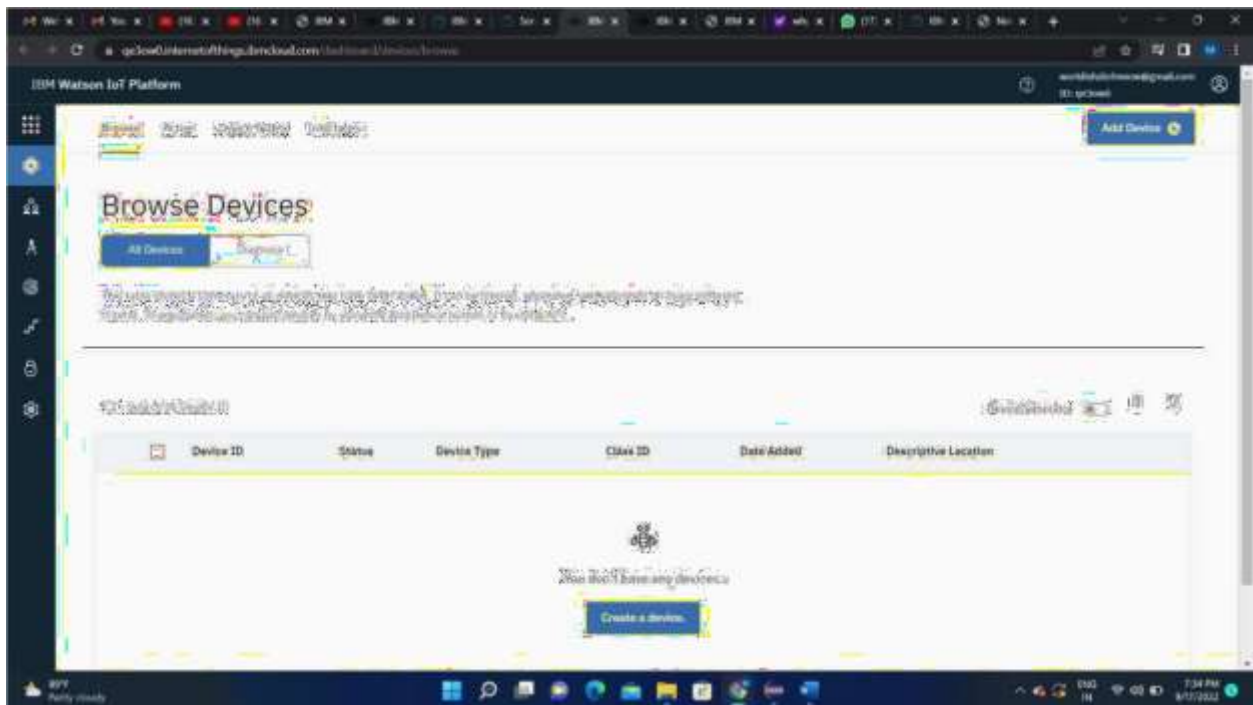




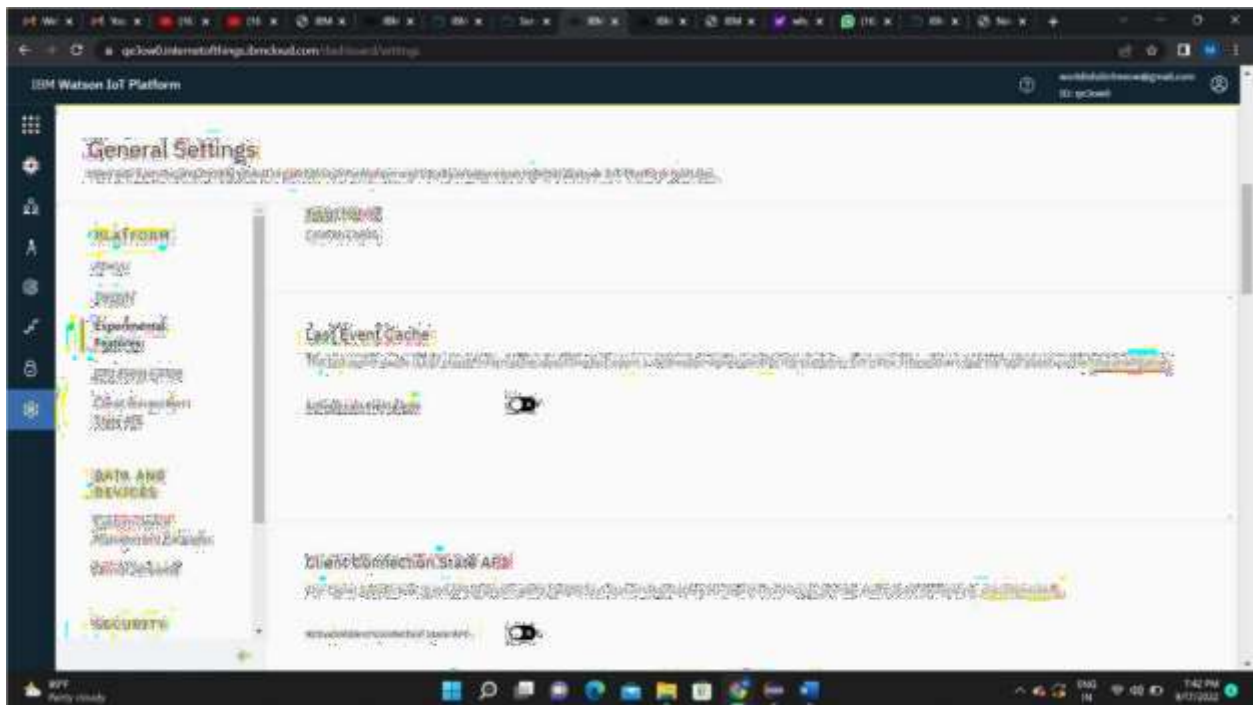
10. Once logged in the name will be displayed and it goes back to the first page



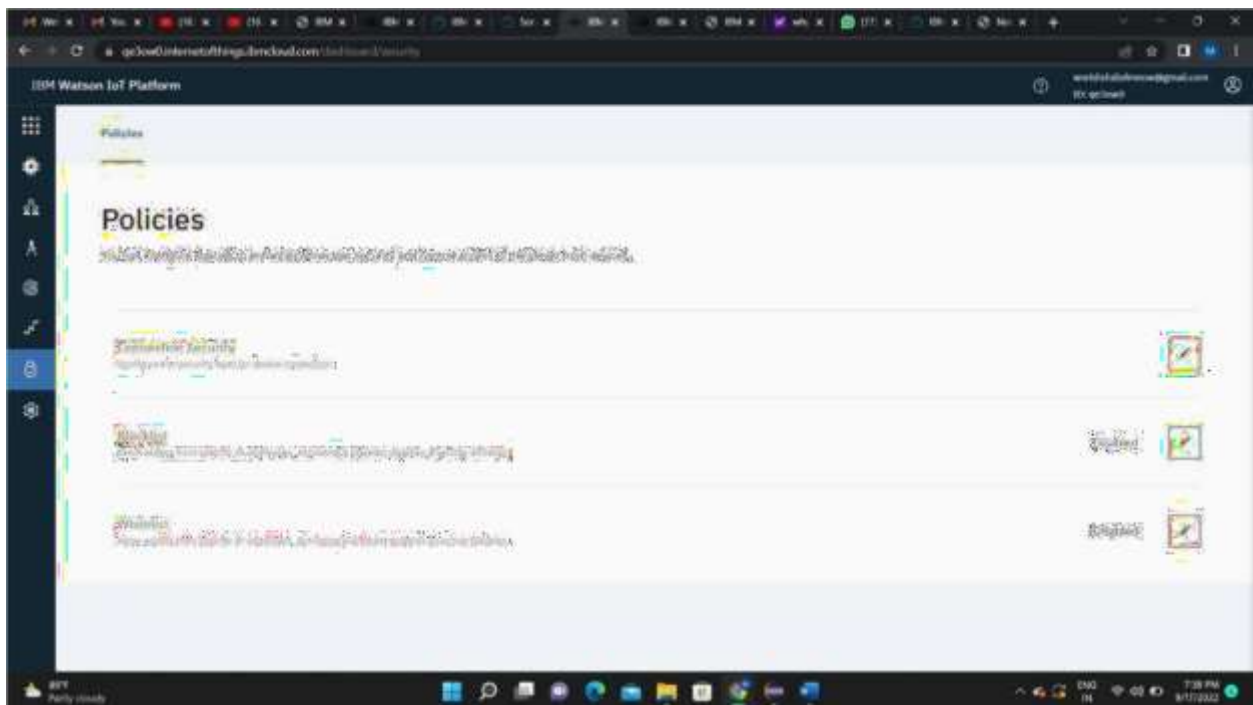
11. And again clicking on the launch button will open this tab, the device will help in the creation of the devices, the addition of devices, and the display of details of the devices.



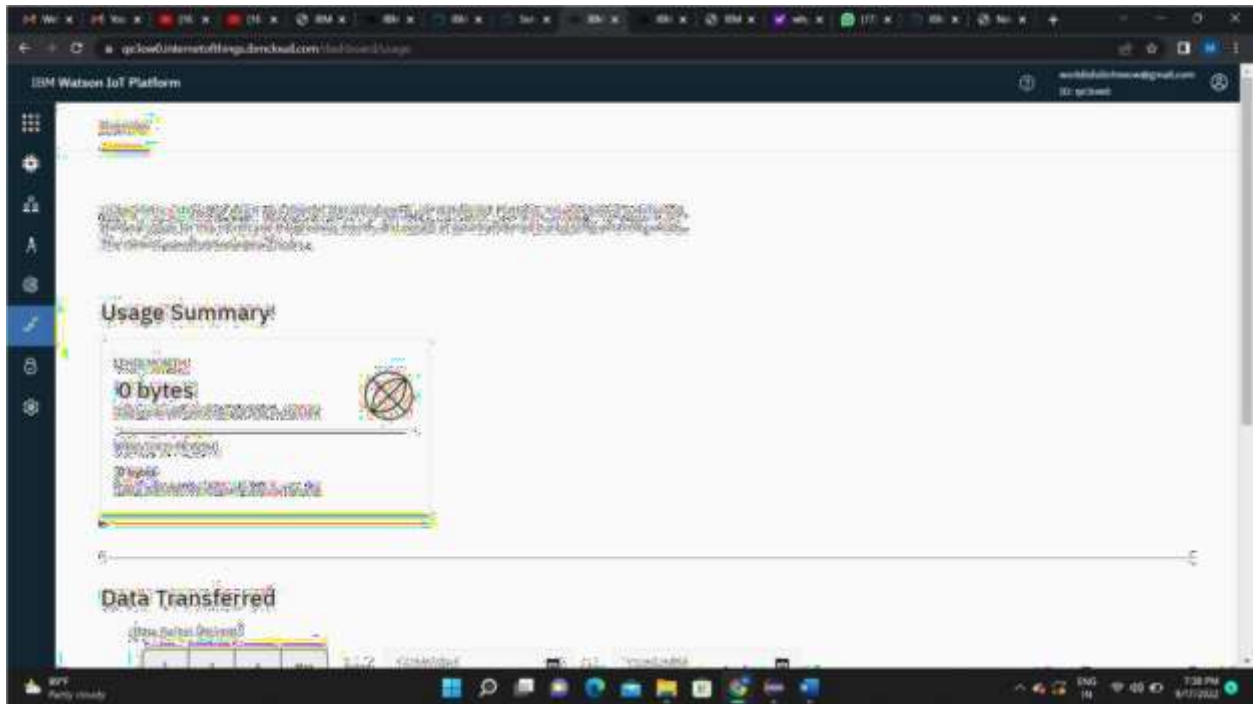
12. The setting tab is used to change the general setting if needed for the project.



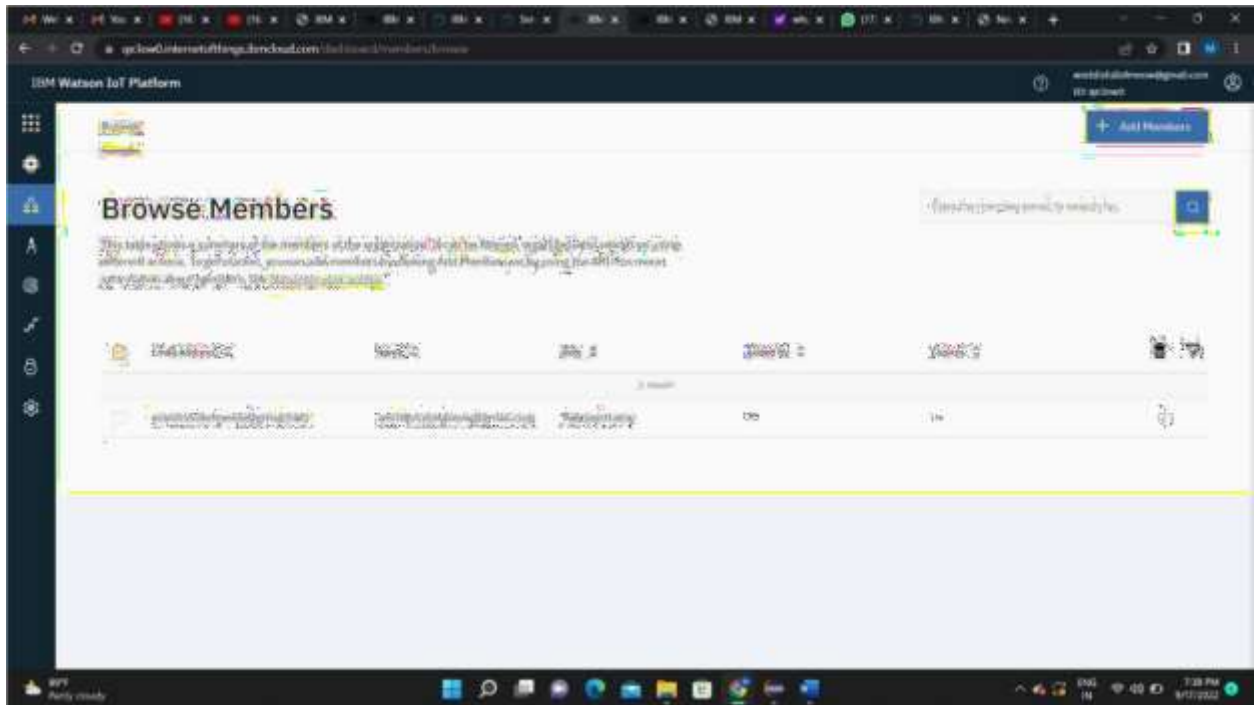
13. In the security tab we can choose the type of security connection and can change according to specification



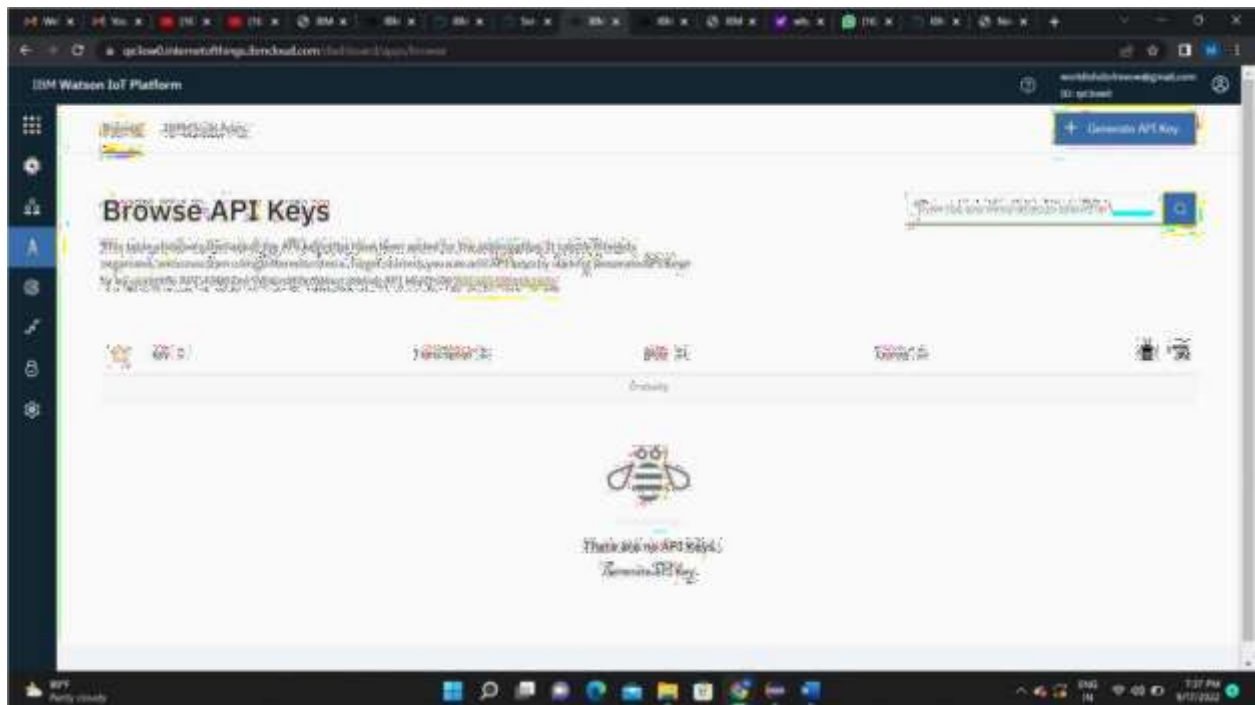
14. Usage gives the summary of how many bytes are used between the devices and the IBM cloud.



15. The member tab is add the teams members to work in the platform

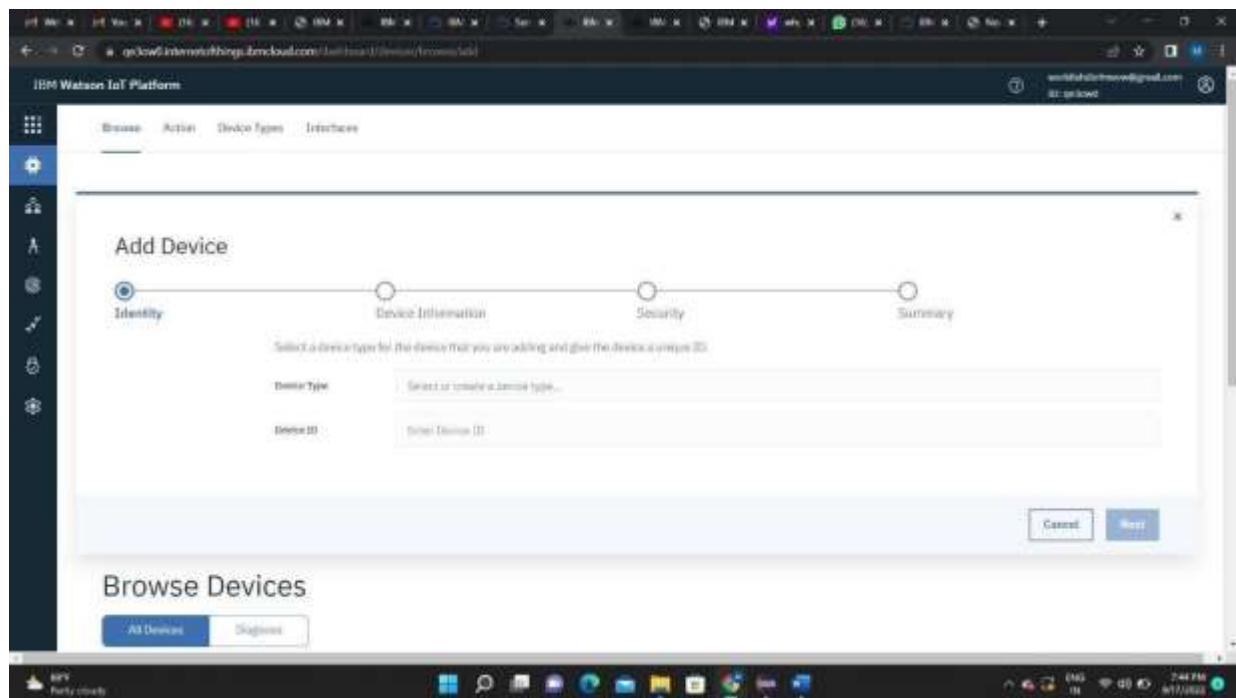
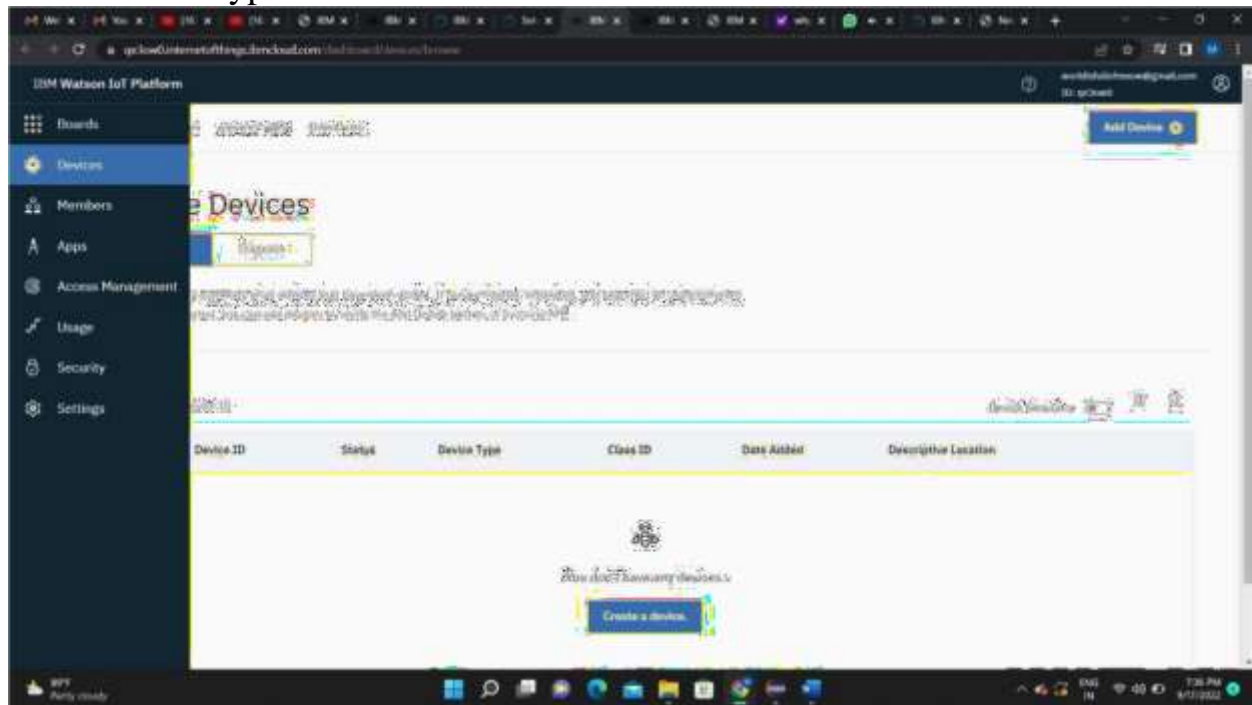


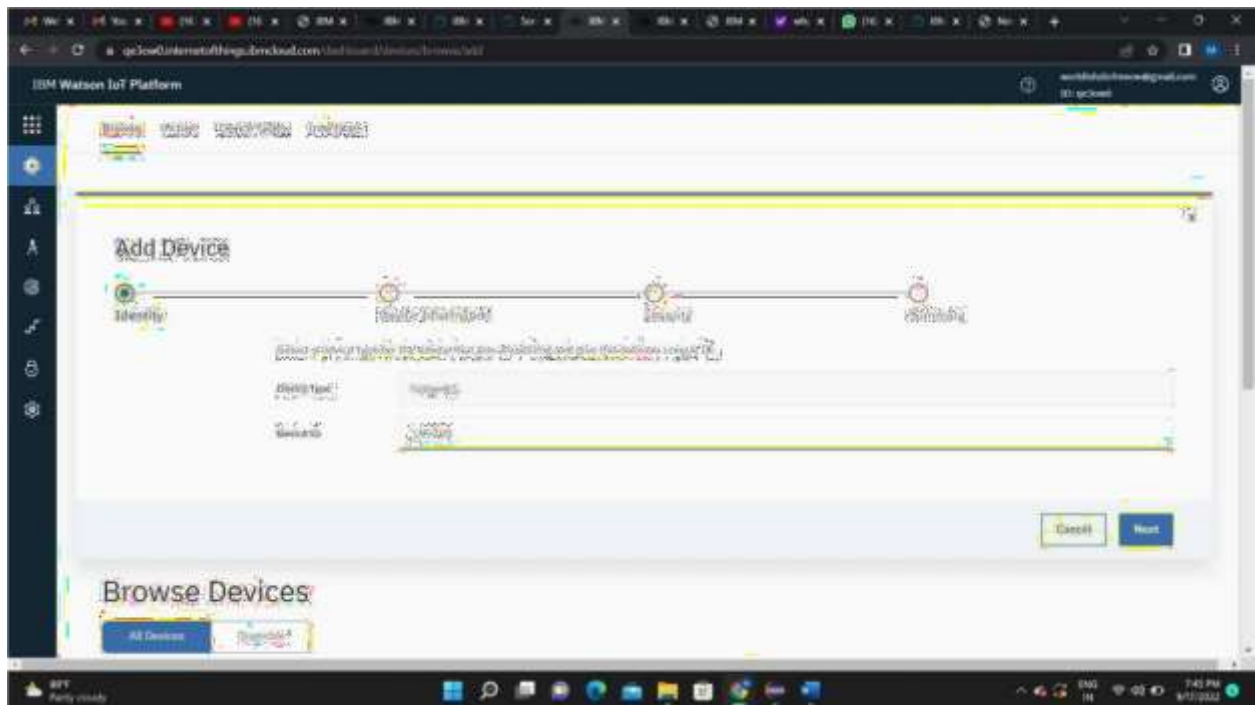
16. This tab is used when you want to connect to some other platform and to integrate with other services.



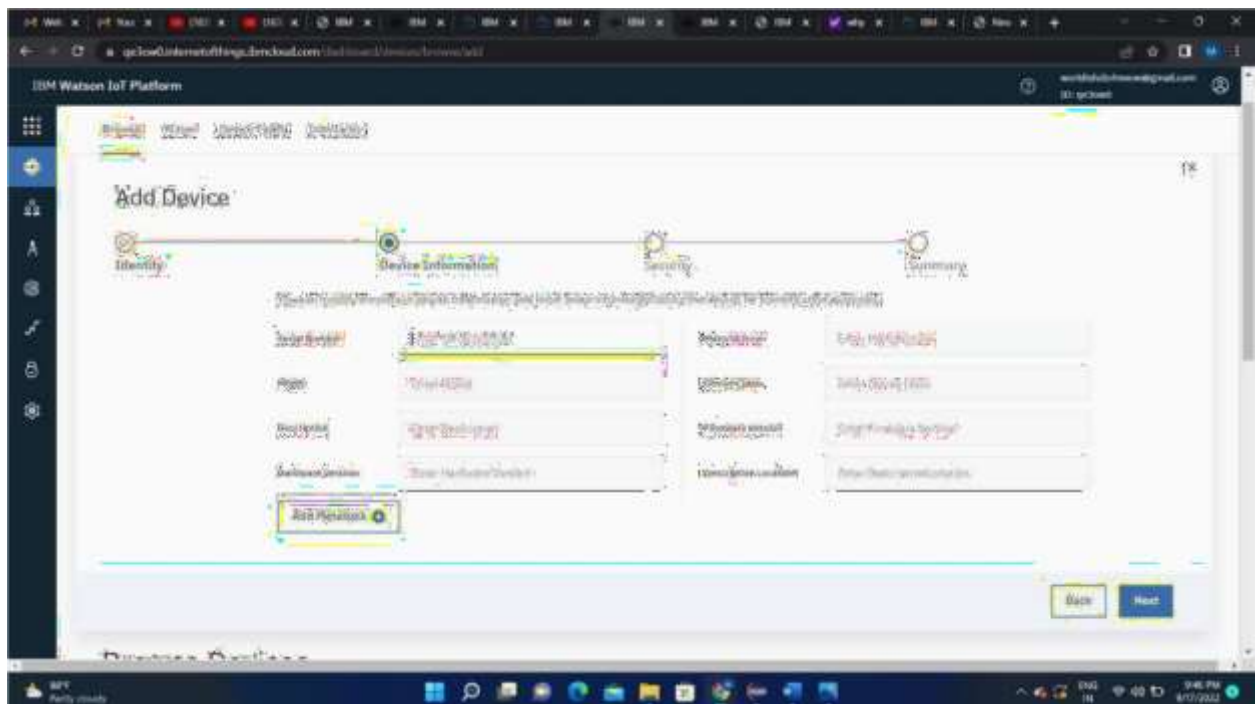
17. Click on the device tab and click on the add device button, then give the

device type and device id and click next

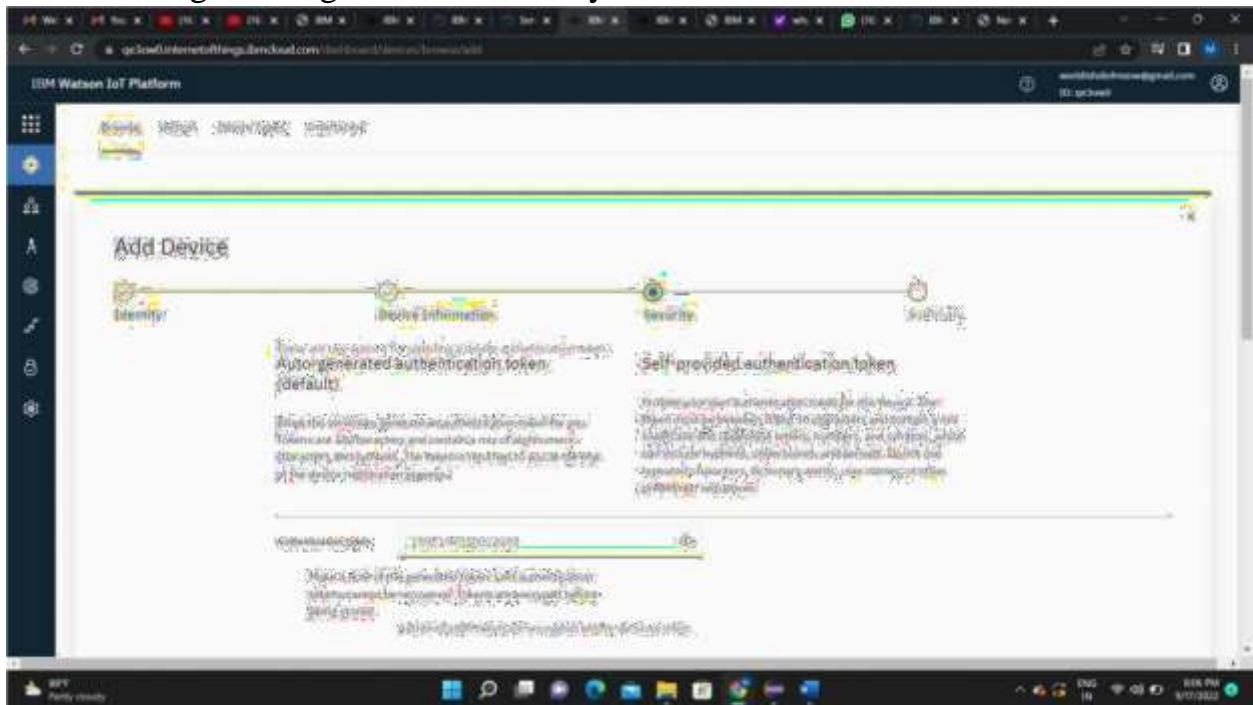




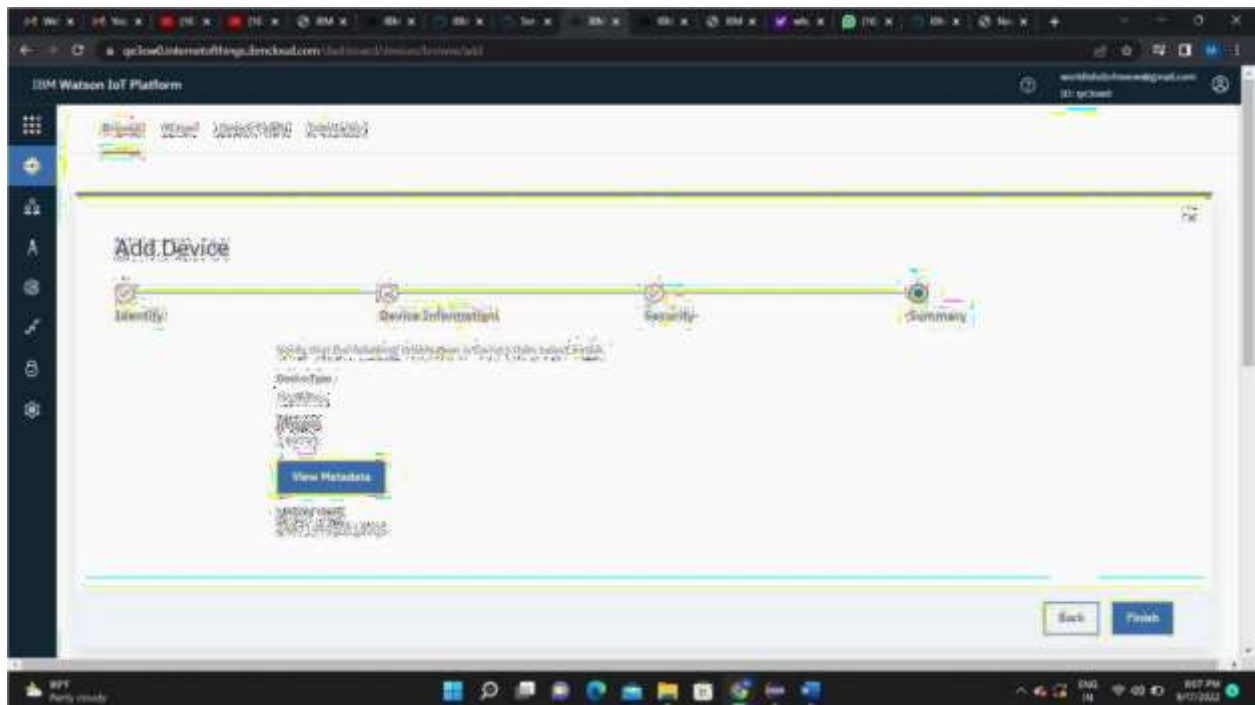
18. This page to enter extra details and of the hardware



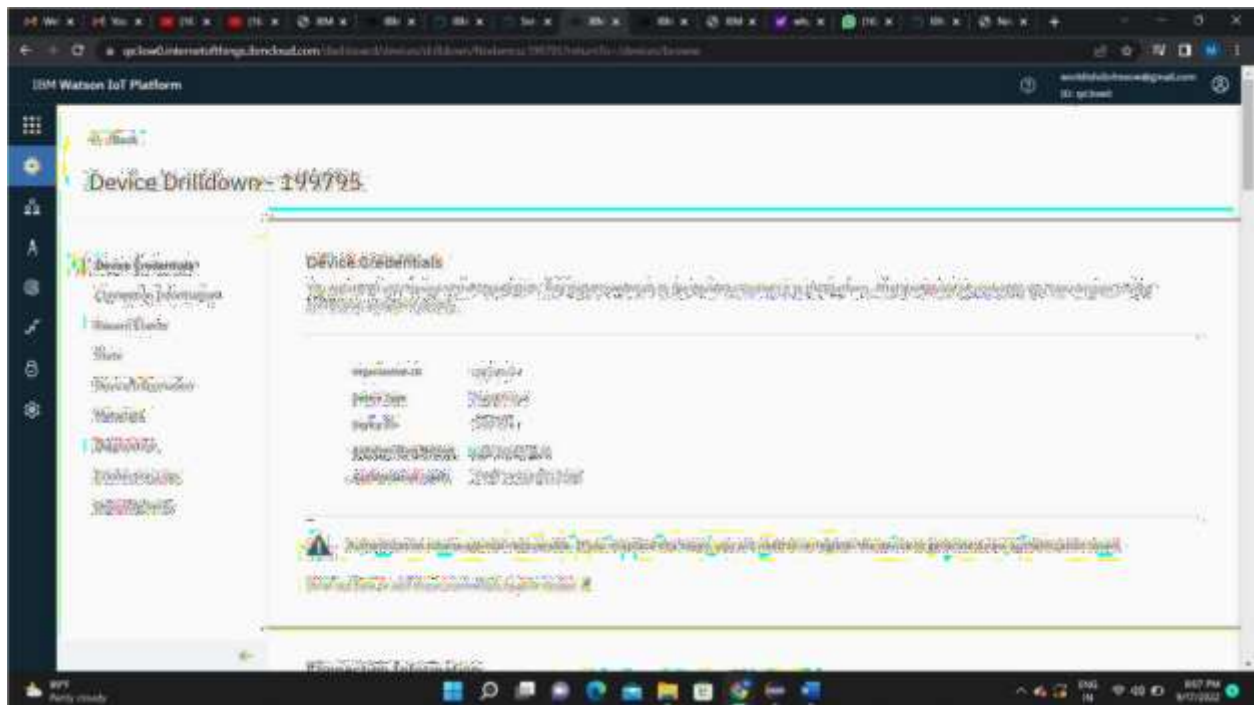
19. Clicking next it goes to the security where we do authentication token id.



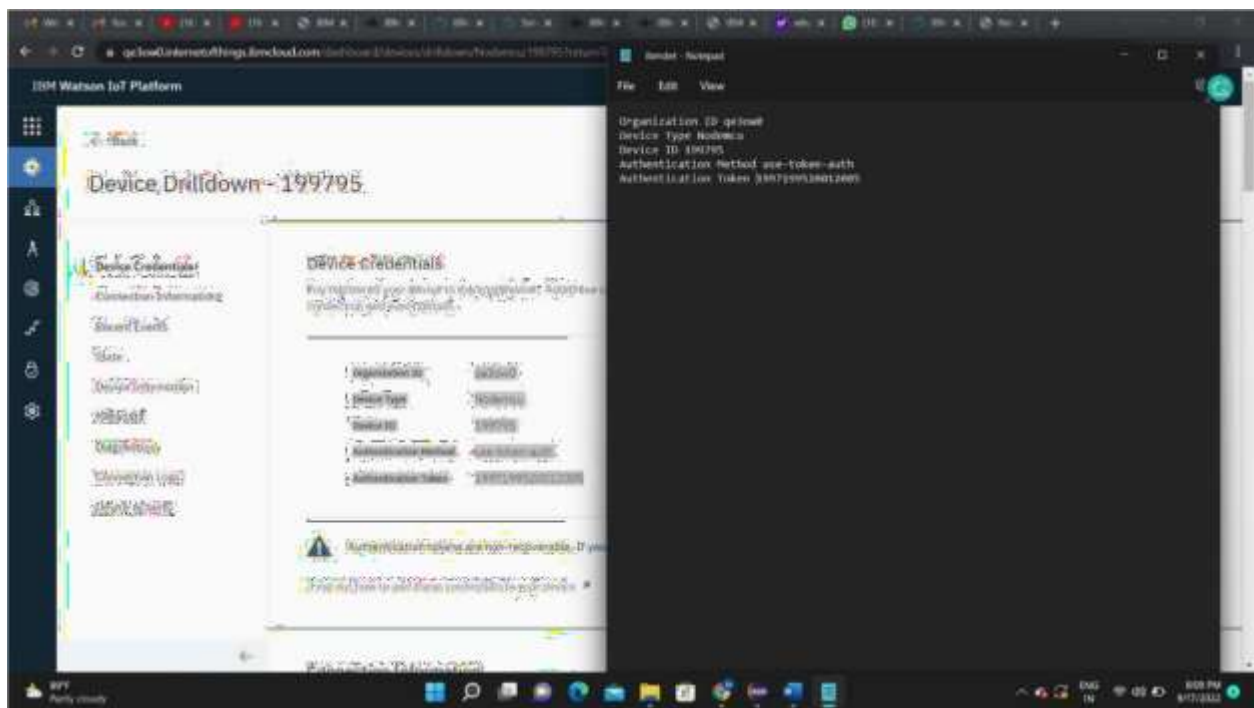
20. Clicking on next it goes to the summary of the device then click finish



21. The device credentials will be displayed with all the details

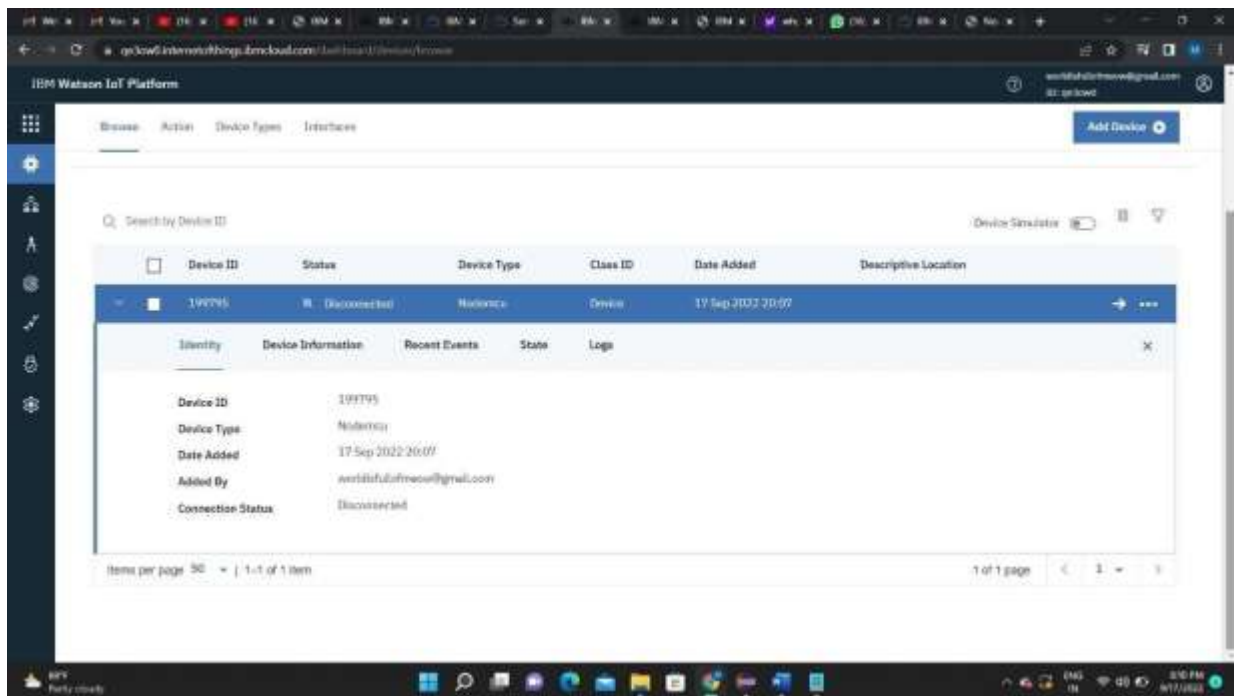
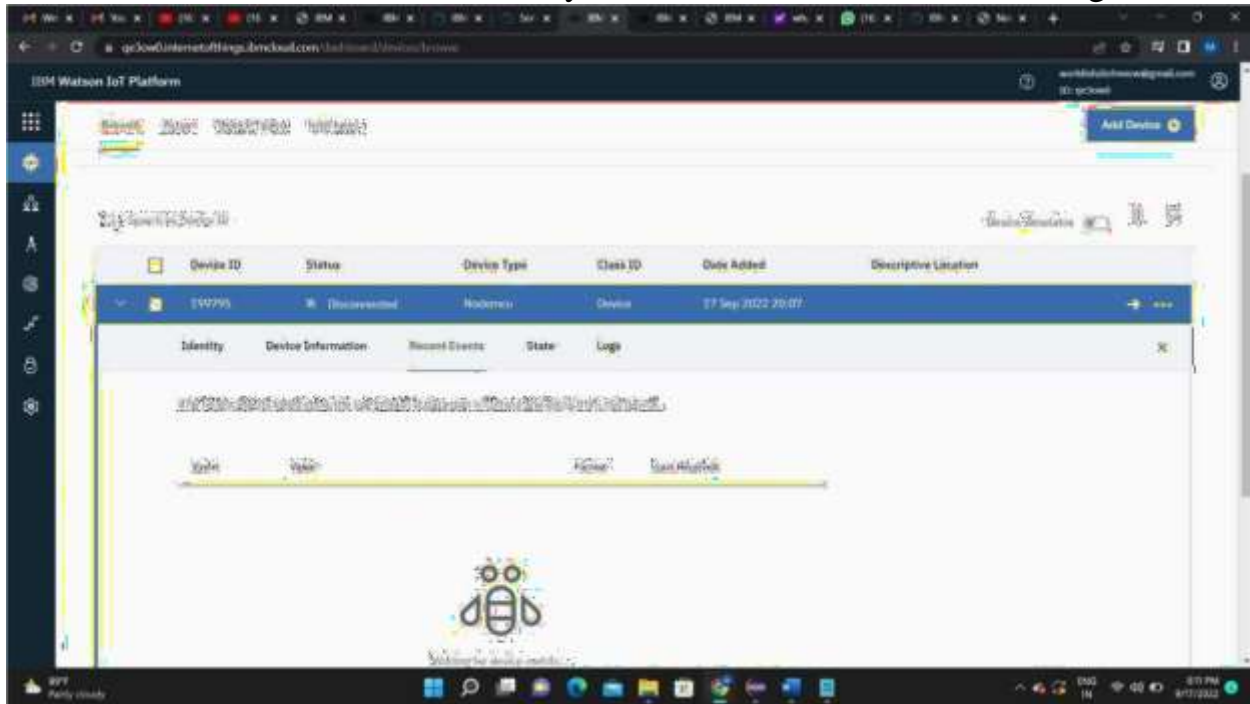


22. Save the details of the device as the authentication tokens are nonrecoverable and if misplaced then we have to create a new one.



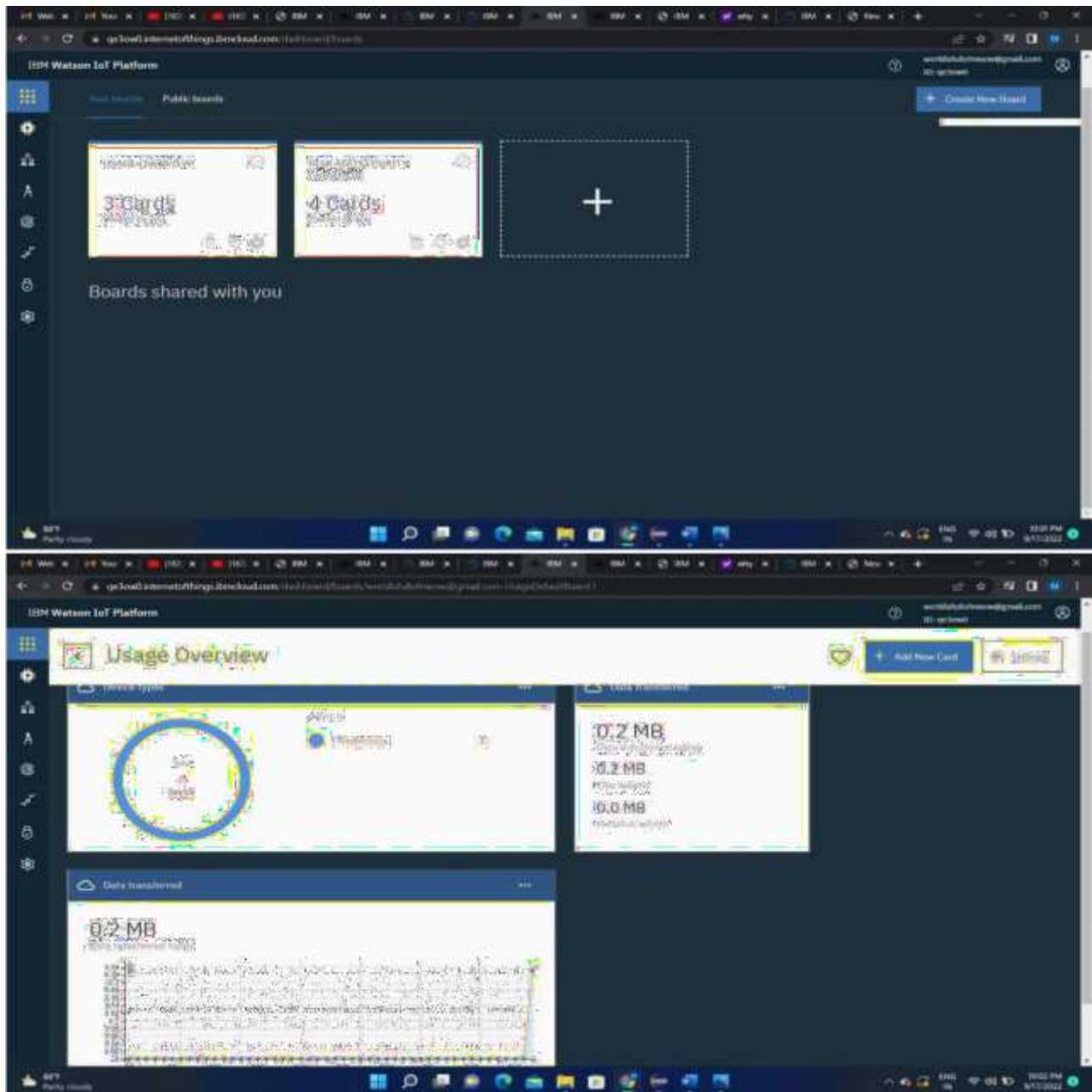
23. Clicking on the device tab we can now see the added device. Clicking on it will display the other details.

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.

24. The Boards will display card for the project.



RESULT:

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