V.S.B ENGINEERING COLLEGE

Electronics and Communication Engineering

CREATE IBM WATSON IOT PLATFORM AND
DEVICE

IBM NALAIYA THIRAN

Title   : IoT Based Safety Gadget for Child
                                        Safety Monitoring and Notification

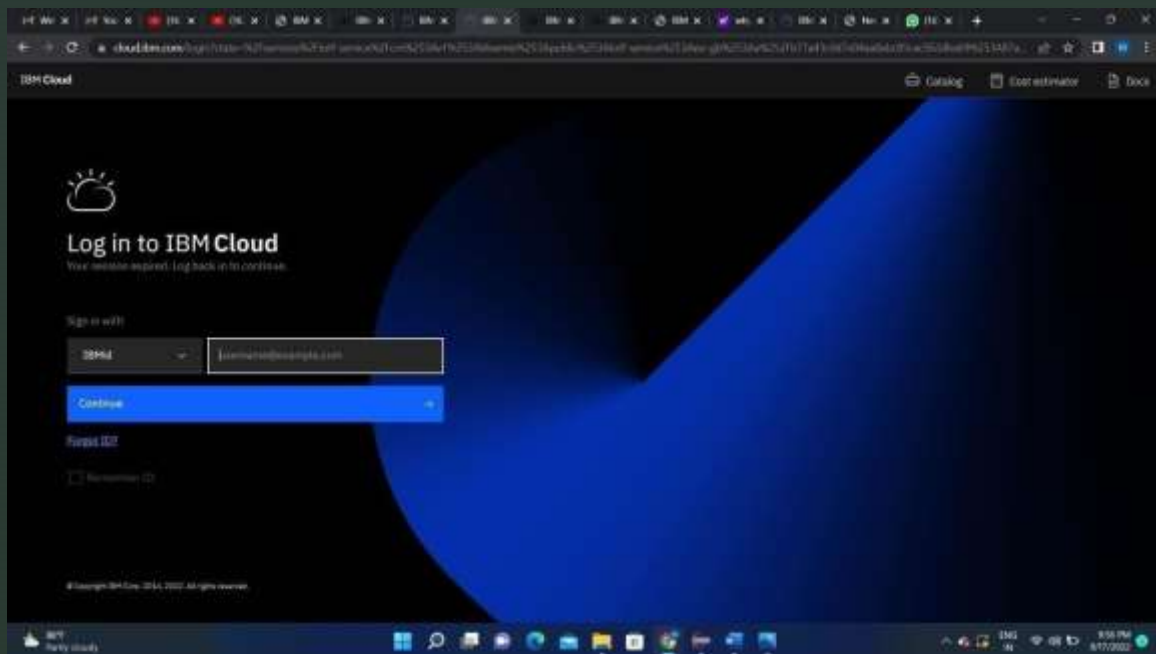**Domain Name**   : Internet of Things(IoT)
Leader Name   : Jeevitha M
Team Member
         Name   : 1. S.Athena
                                     2. R.Gowsalyaa
                                     3. V.Ishwarya
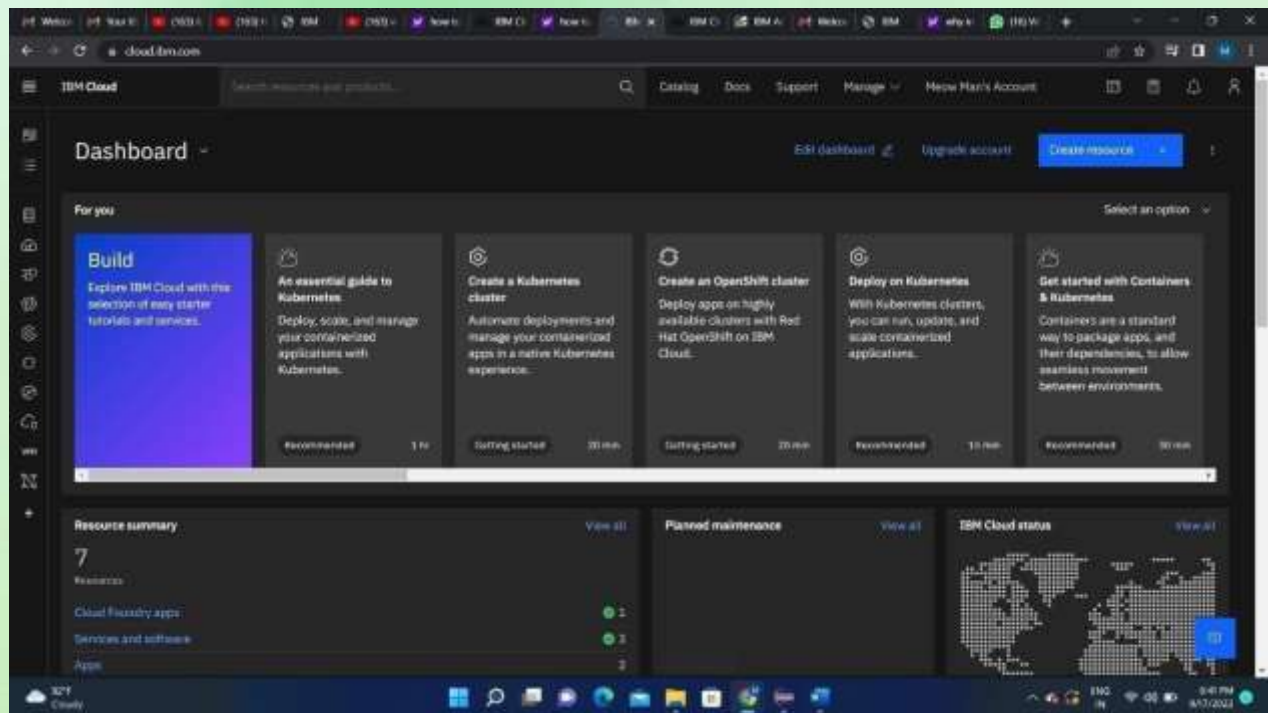

Faculty Mentor
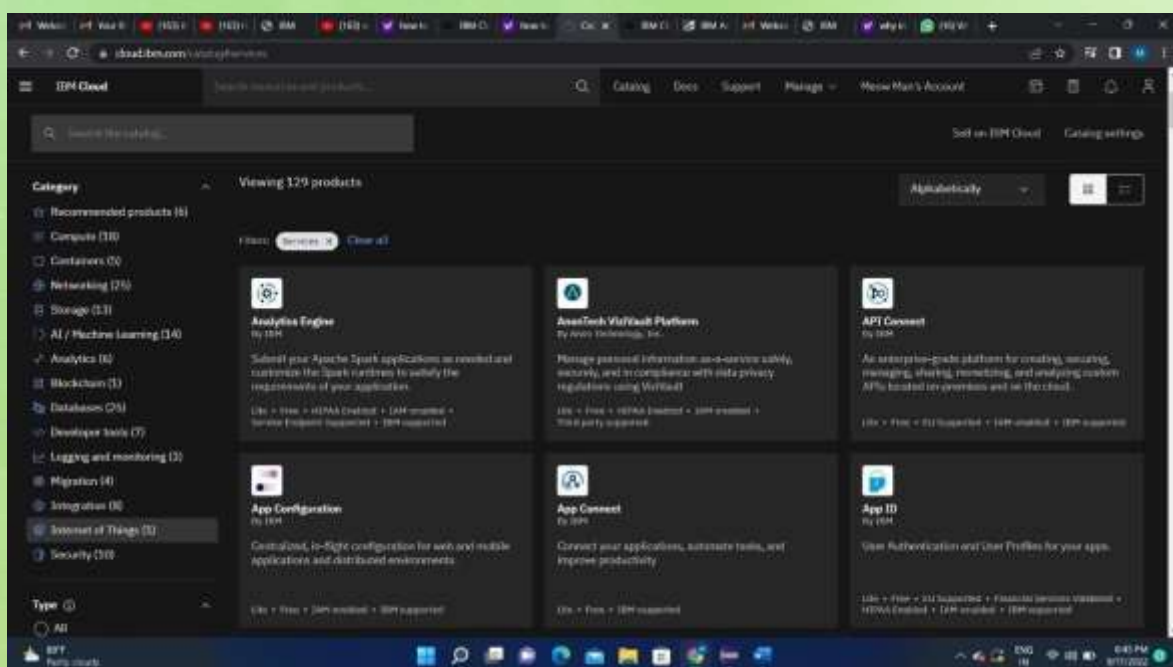   **Name** : K Sharmela

STEPS:

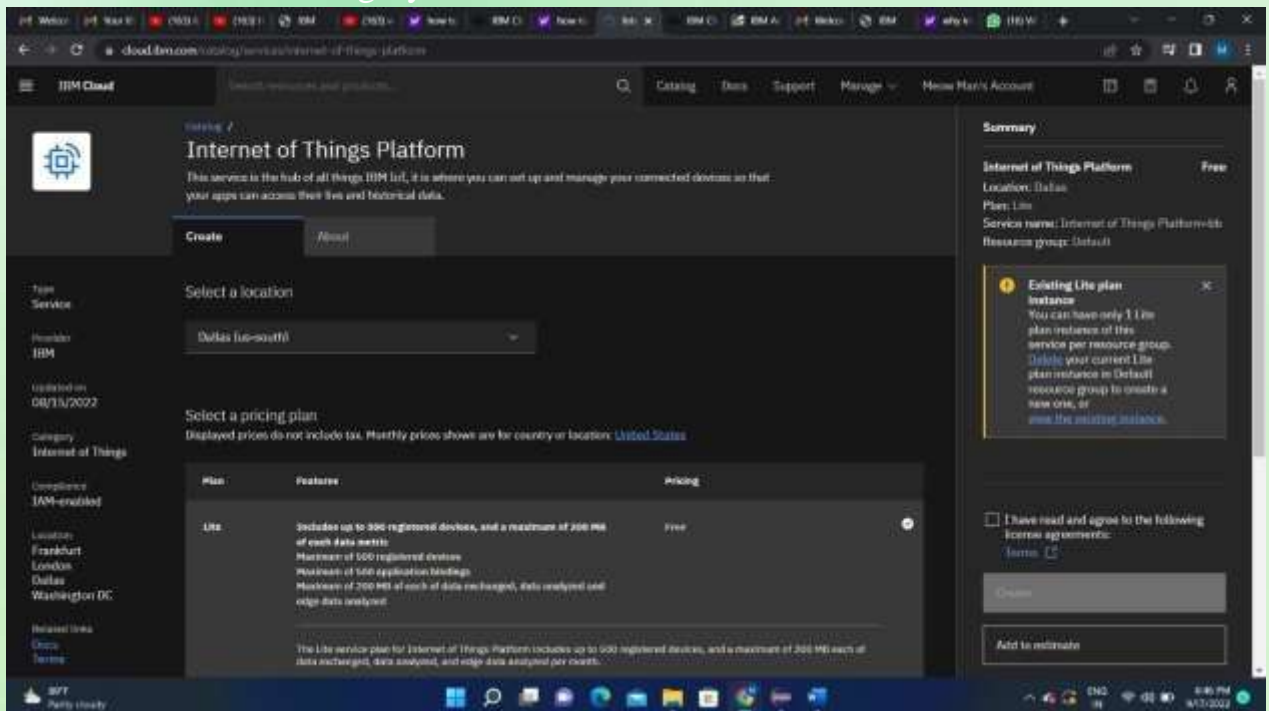1. Firstly create an IBM cloud account with IBM id and password
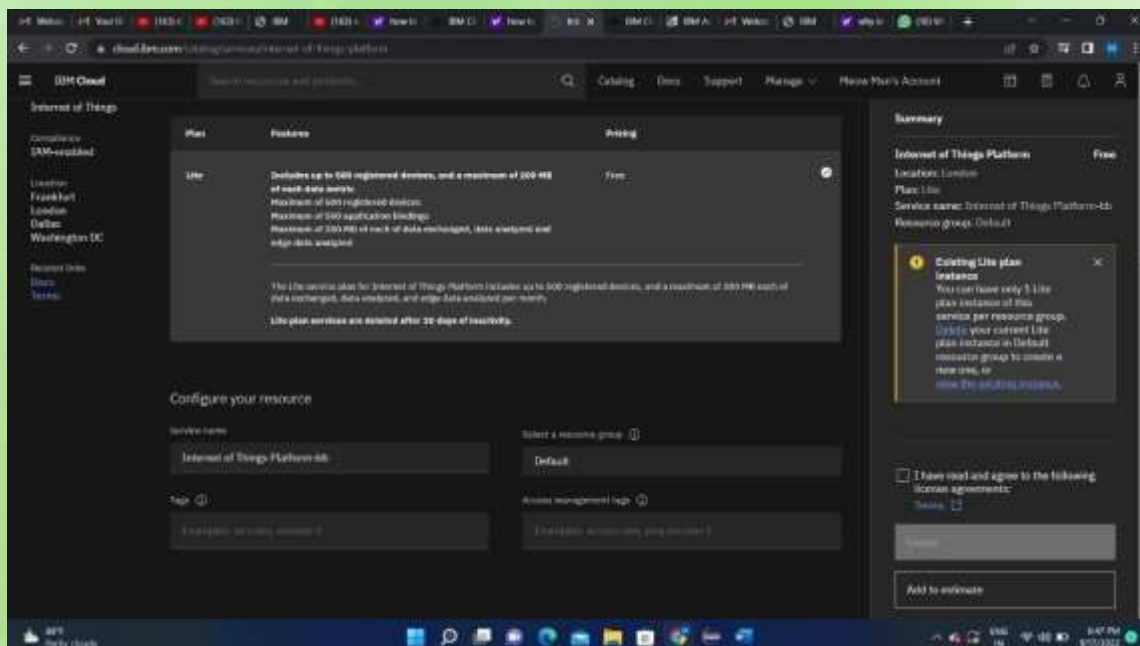
2. Homepage of IBM cloud
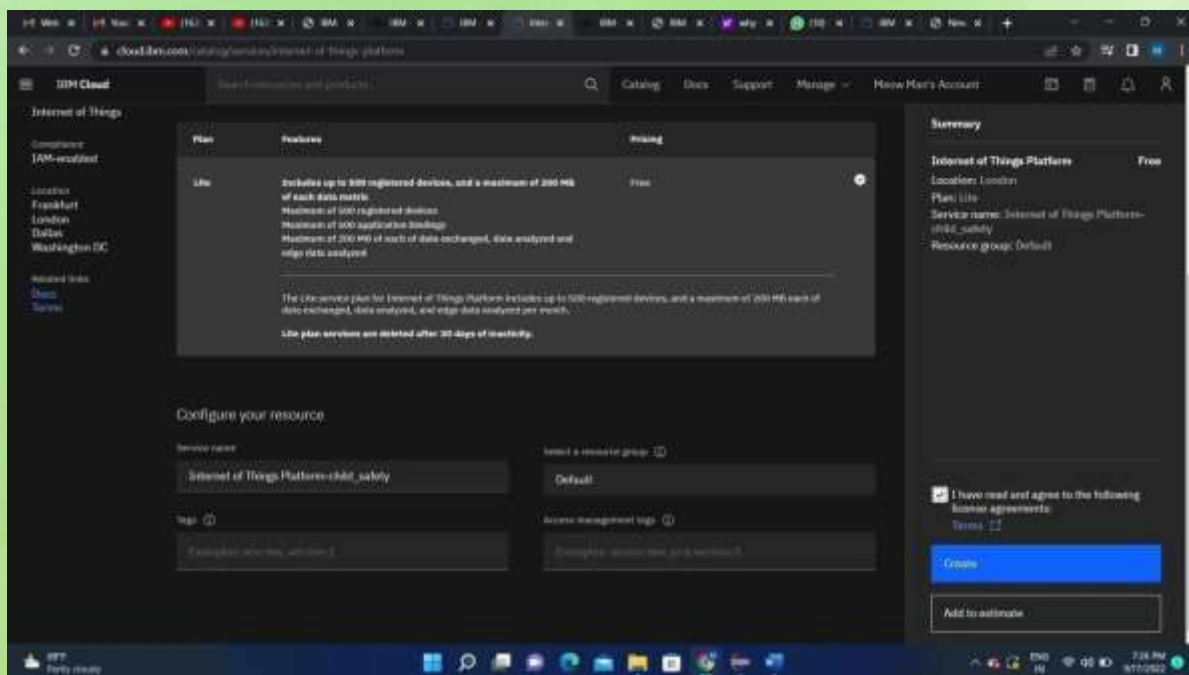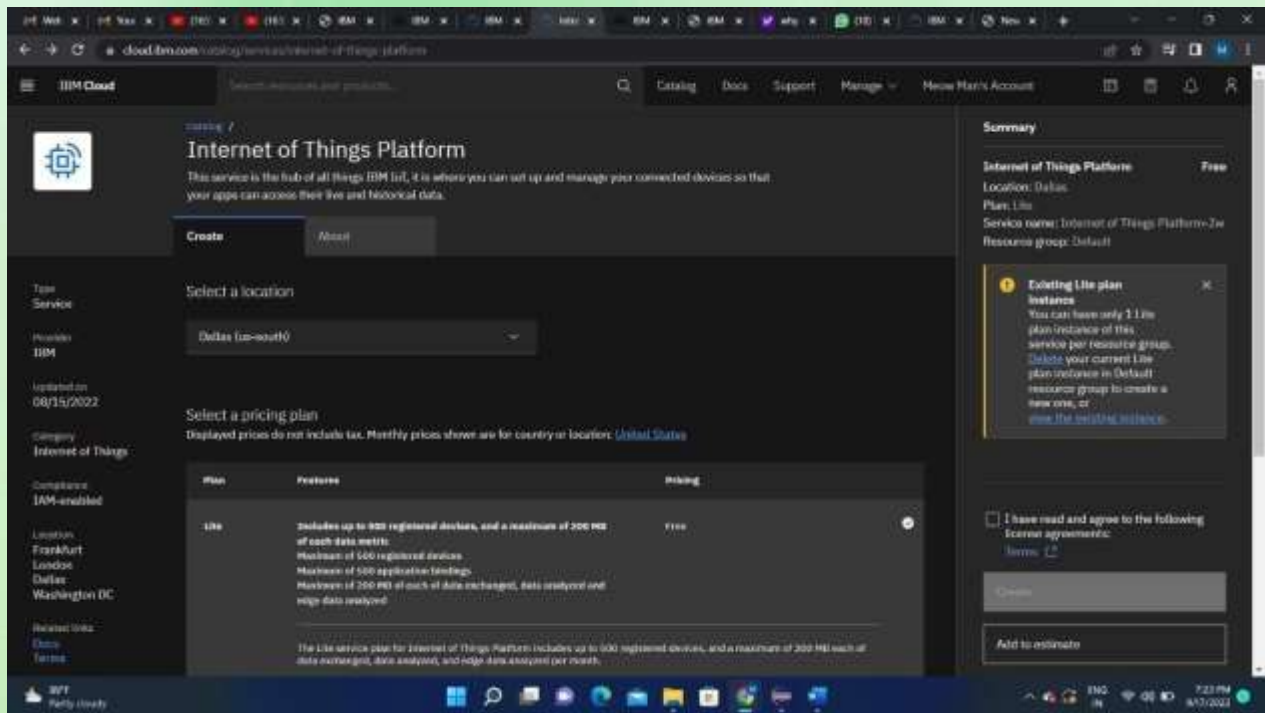

3. Click on the catalog on the top

Click on IOT in the category mentioned

4. If already alite is present delete it else you can't create another

5. 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

6. 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 connection is for to connect IoT with other services)
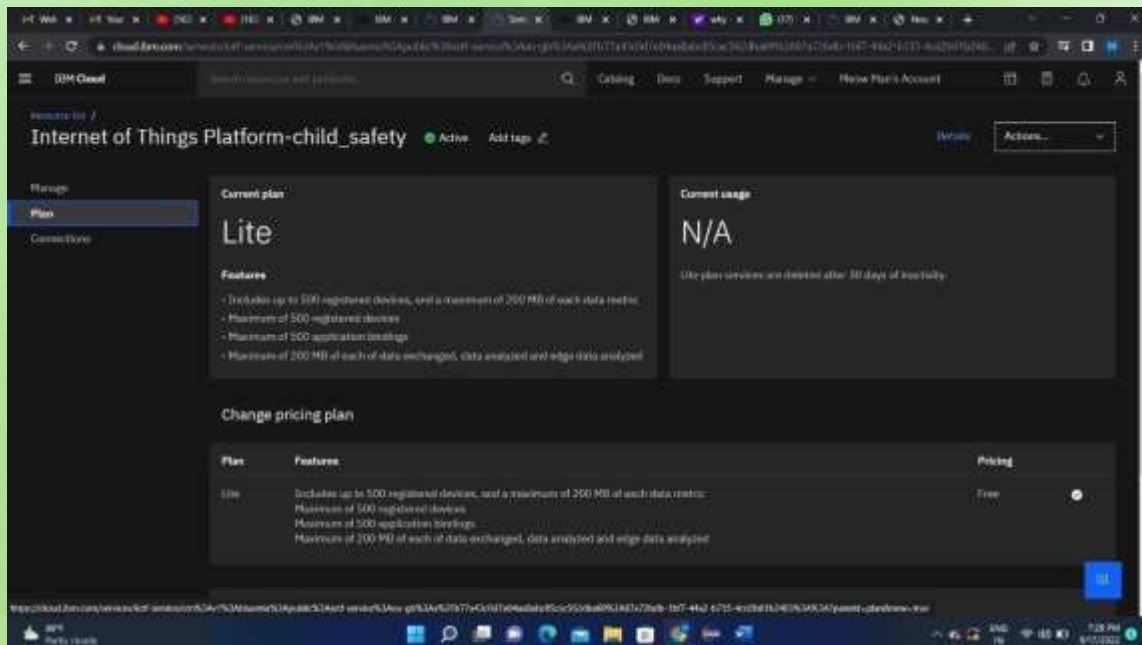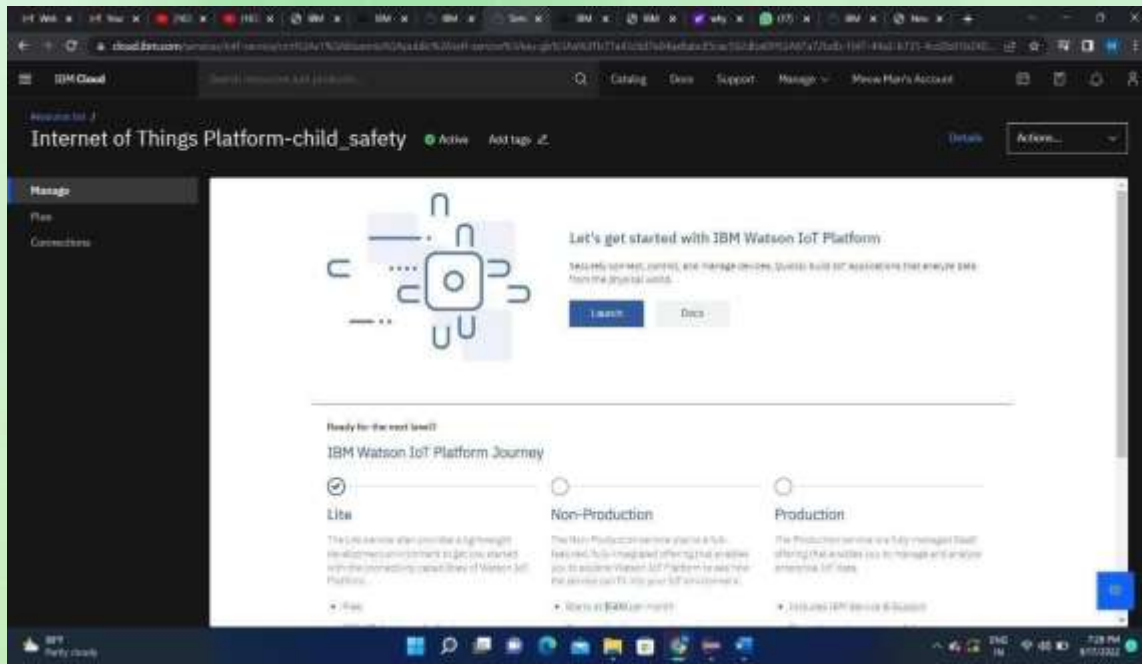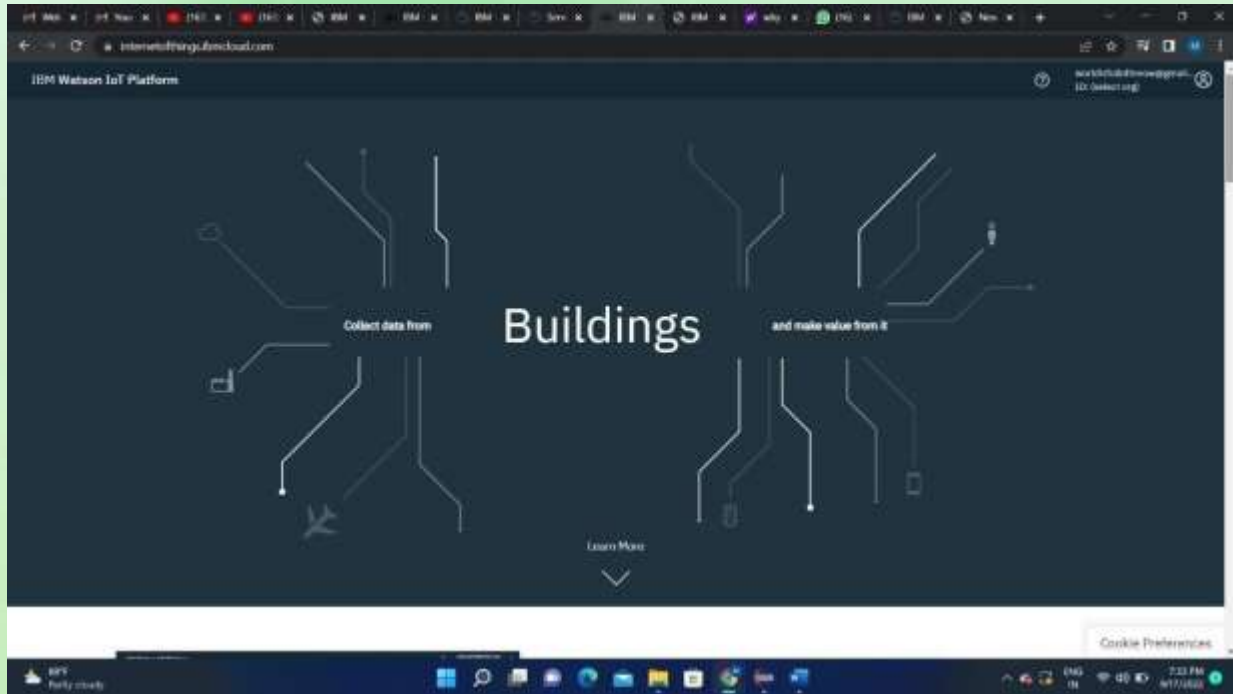
7. Clicking on the launch button in the manage tab, it will open to this.
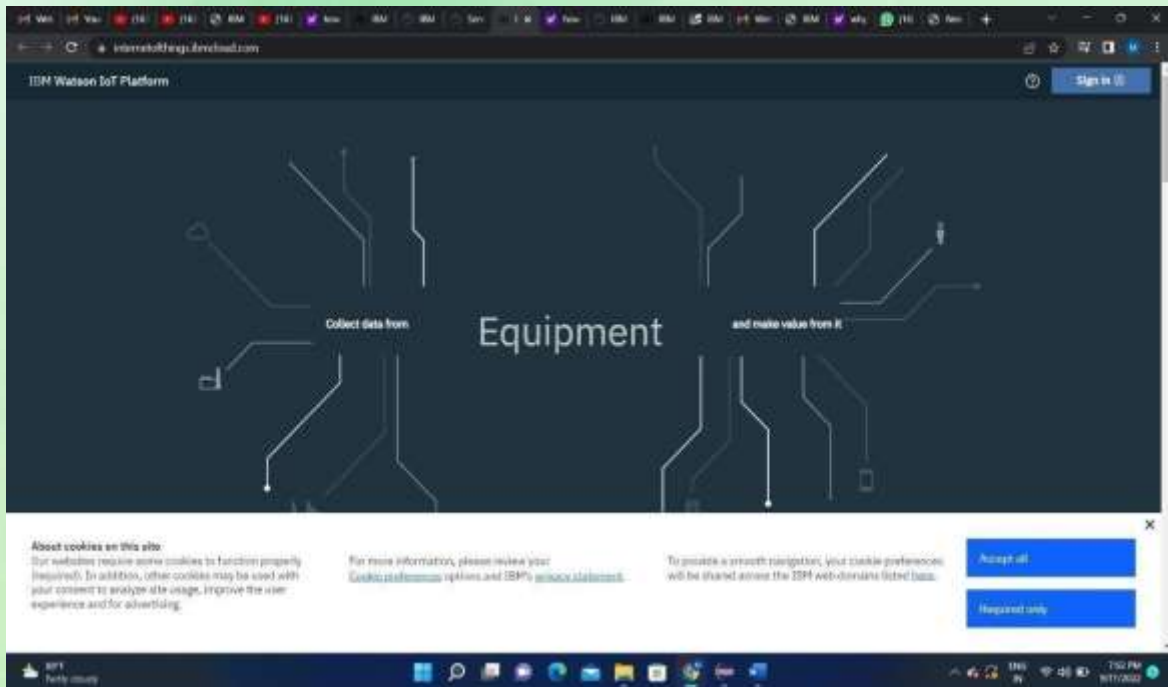
8. Enter the details to sign in to the Watson Cloud to create a device
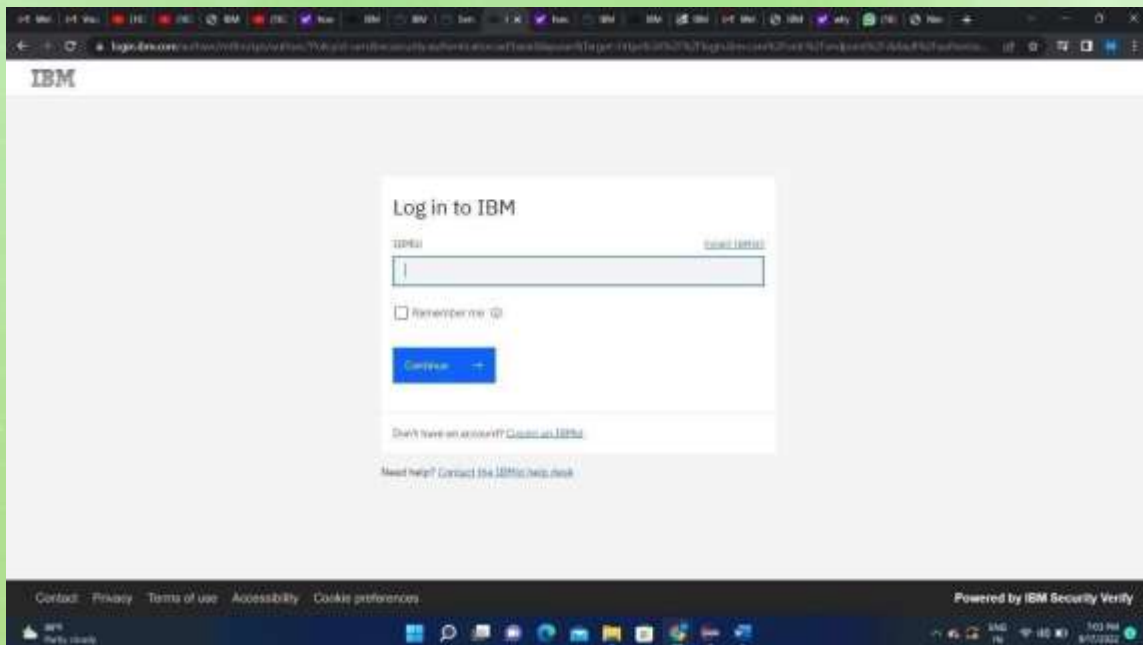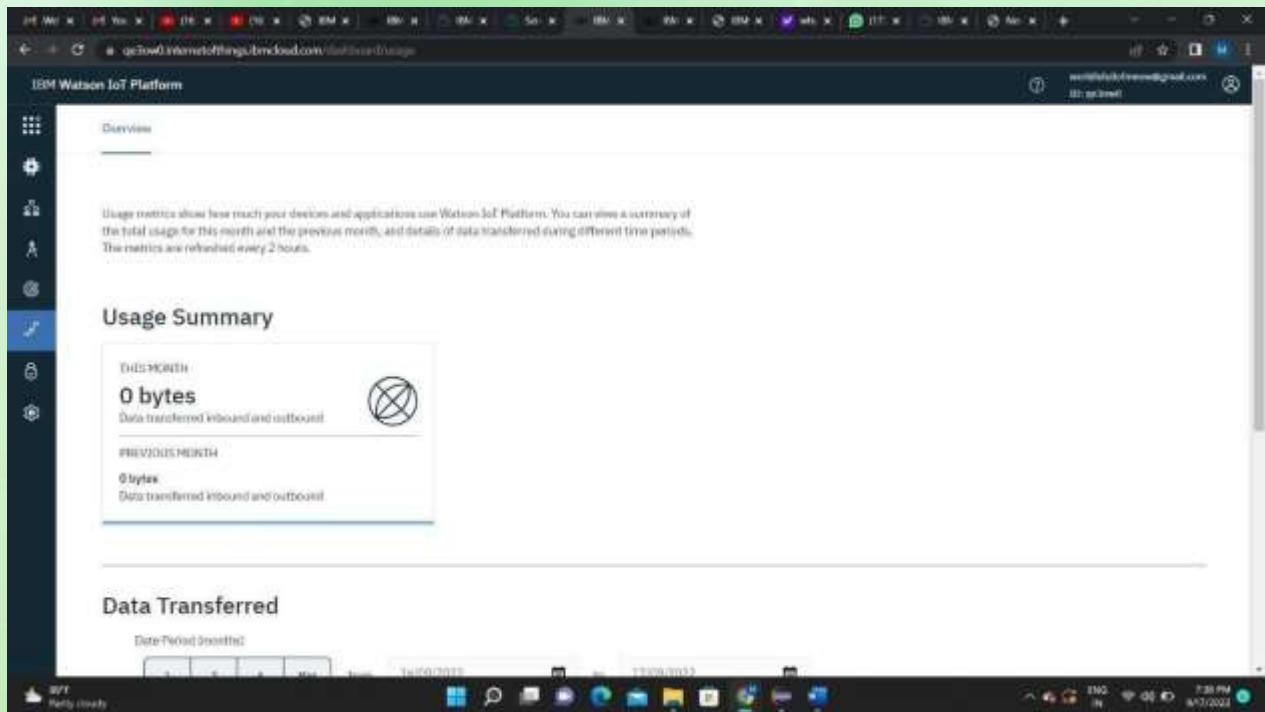
9. Once logged in the name will be displayed and it goes back to the first page

10. 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
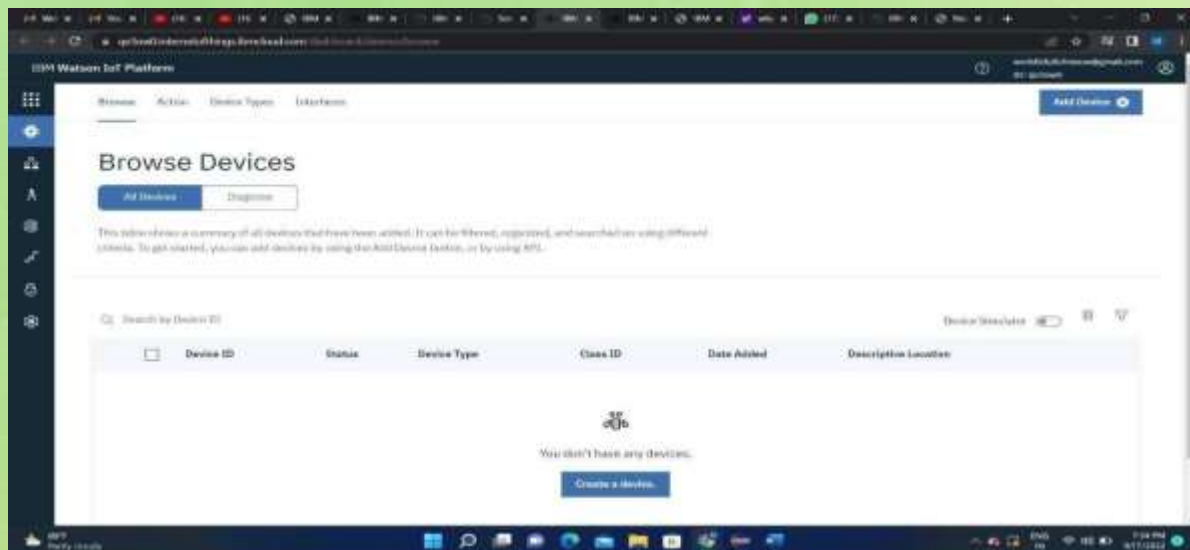
11. Usage gives the summary of how many bytes are used between the devices and the IBM cloud.
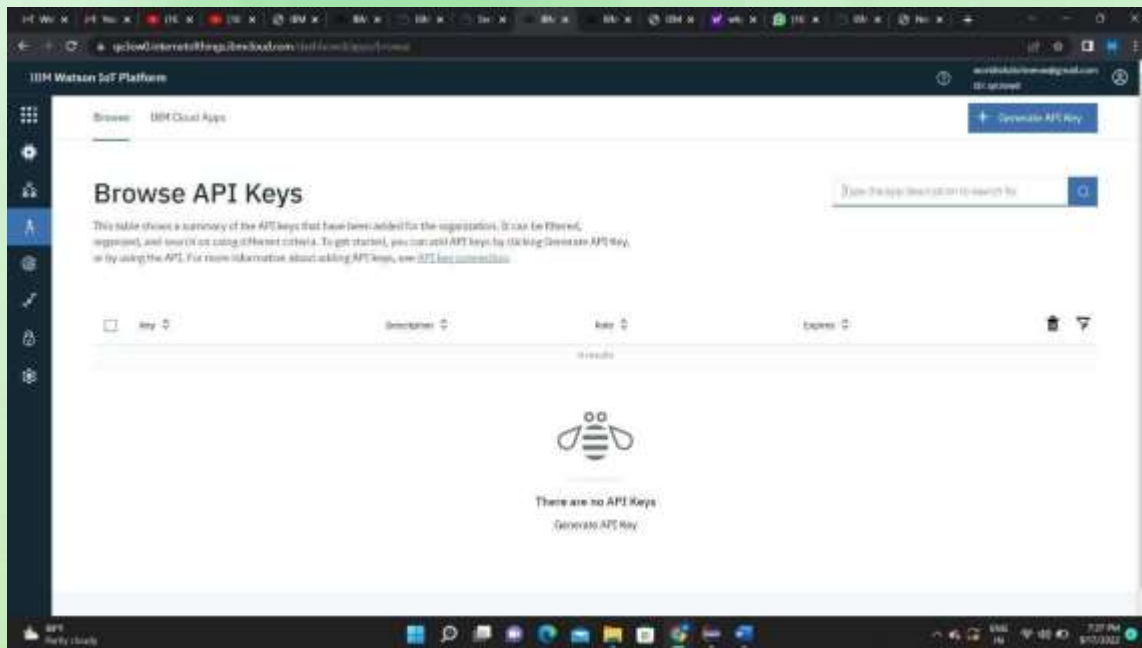

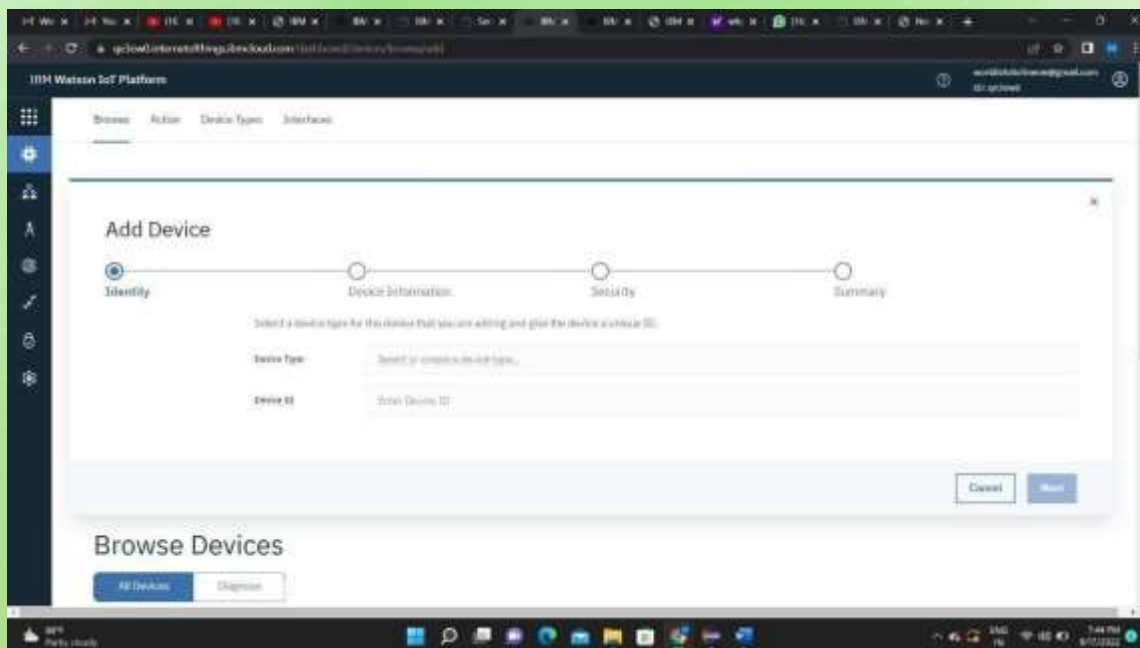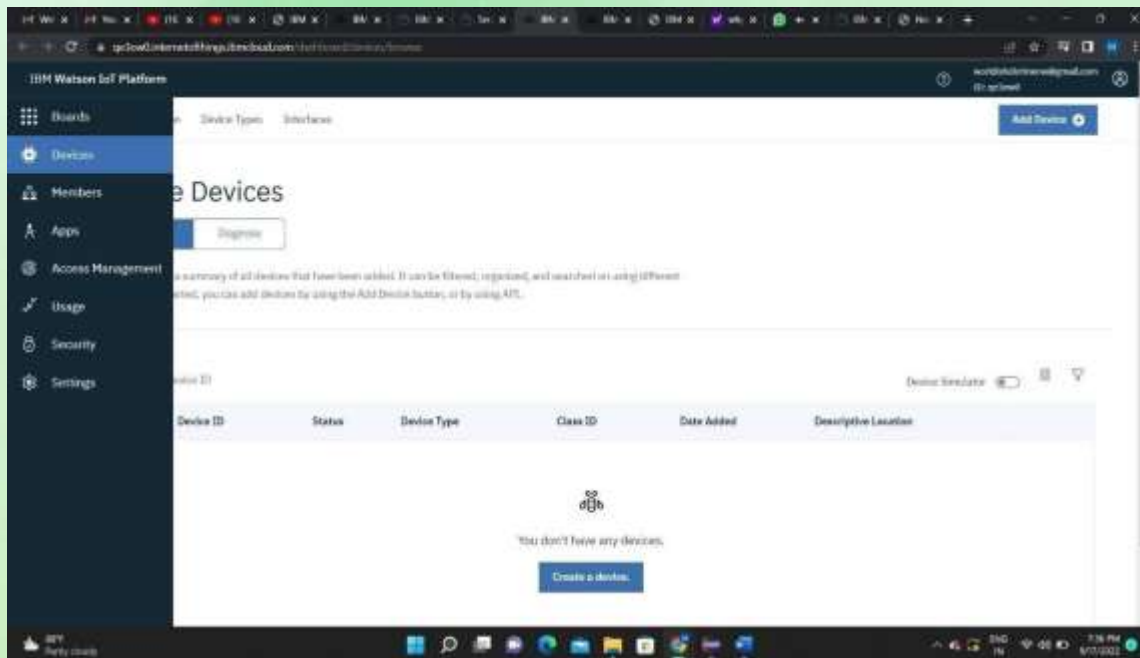12. The member tab is add the teams members to work in the platform

13. This tab is used when you want to connect to some other platform and to integrate with other services.
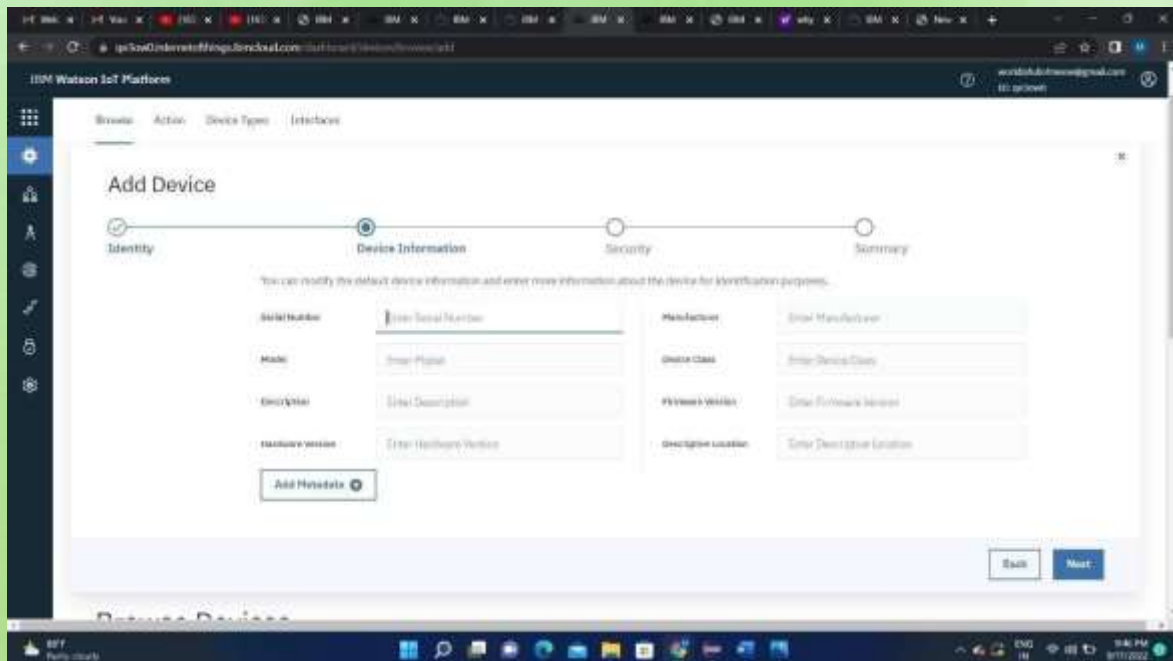
14. Click on the device tab and click on the add device button, then give the device type and device id and click next.
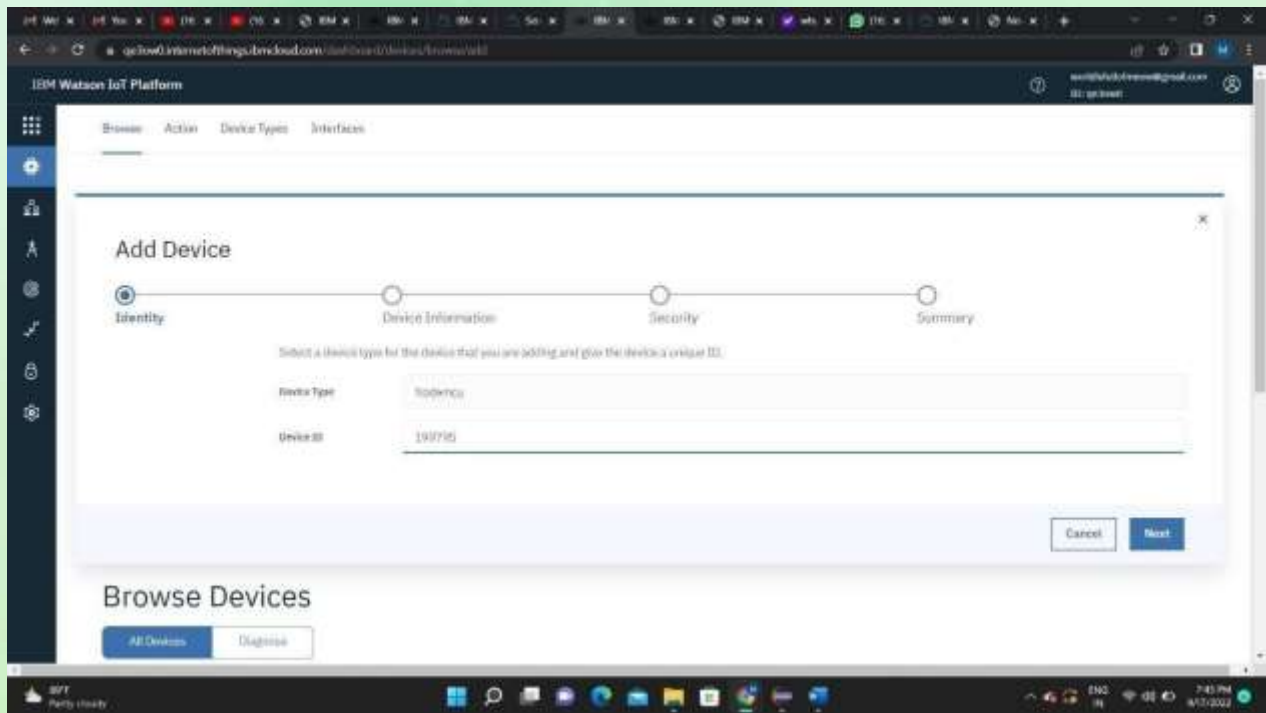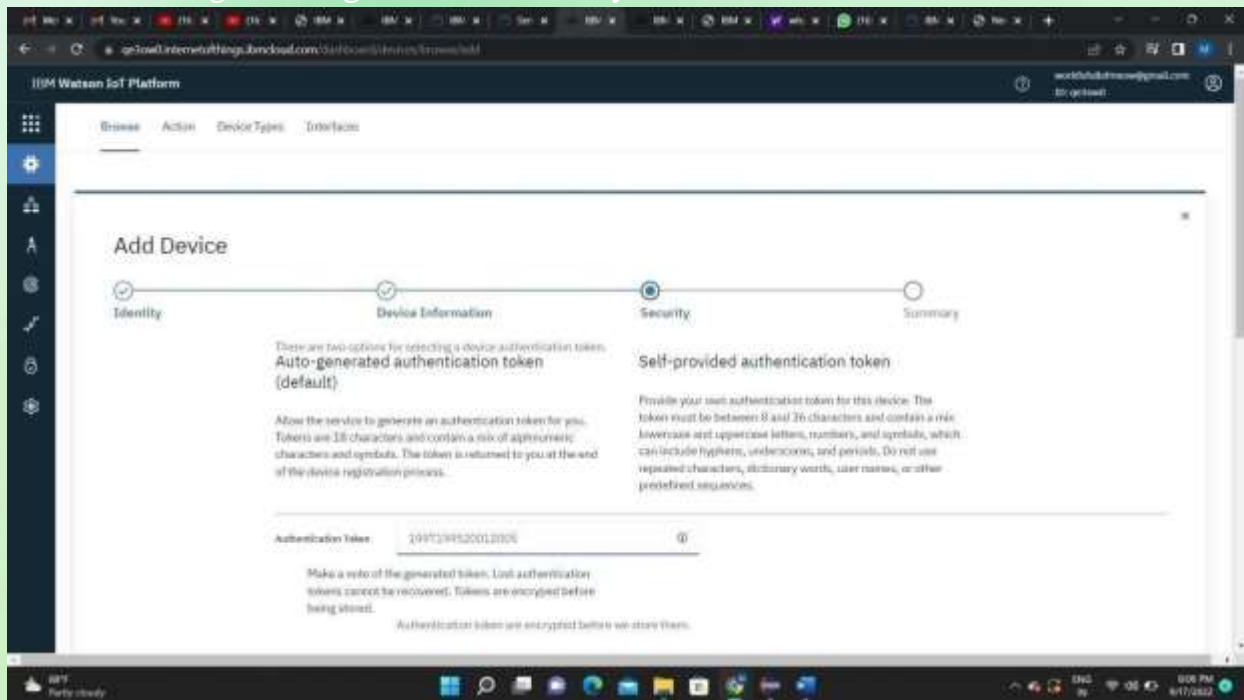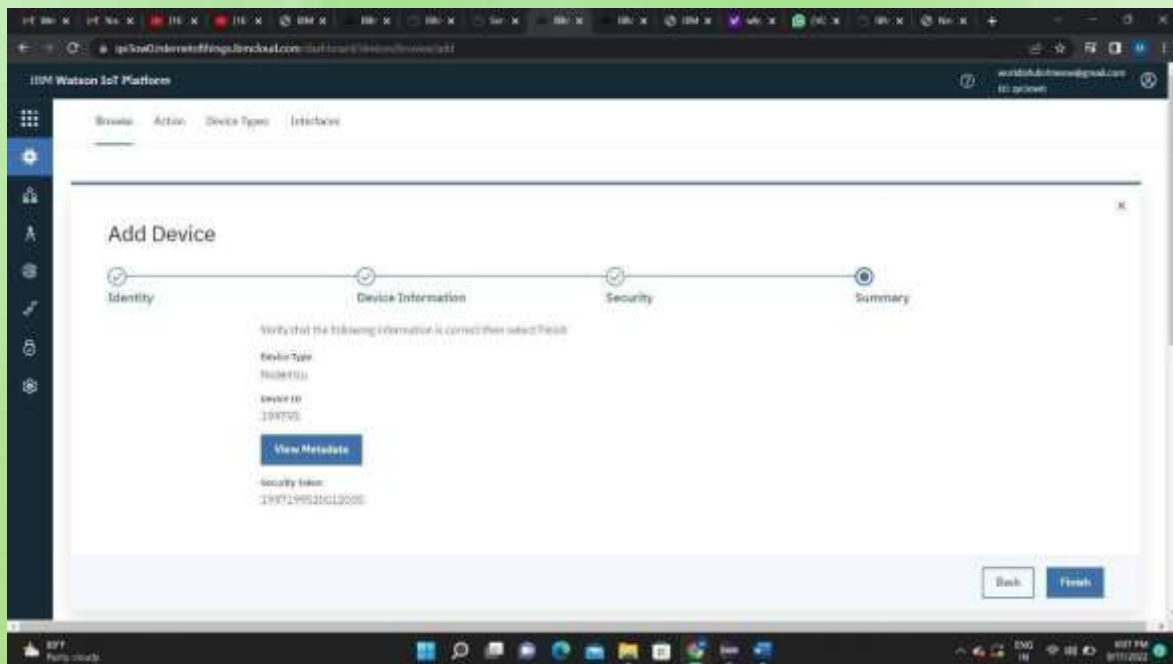
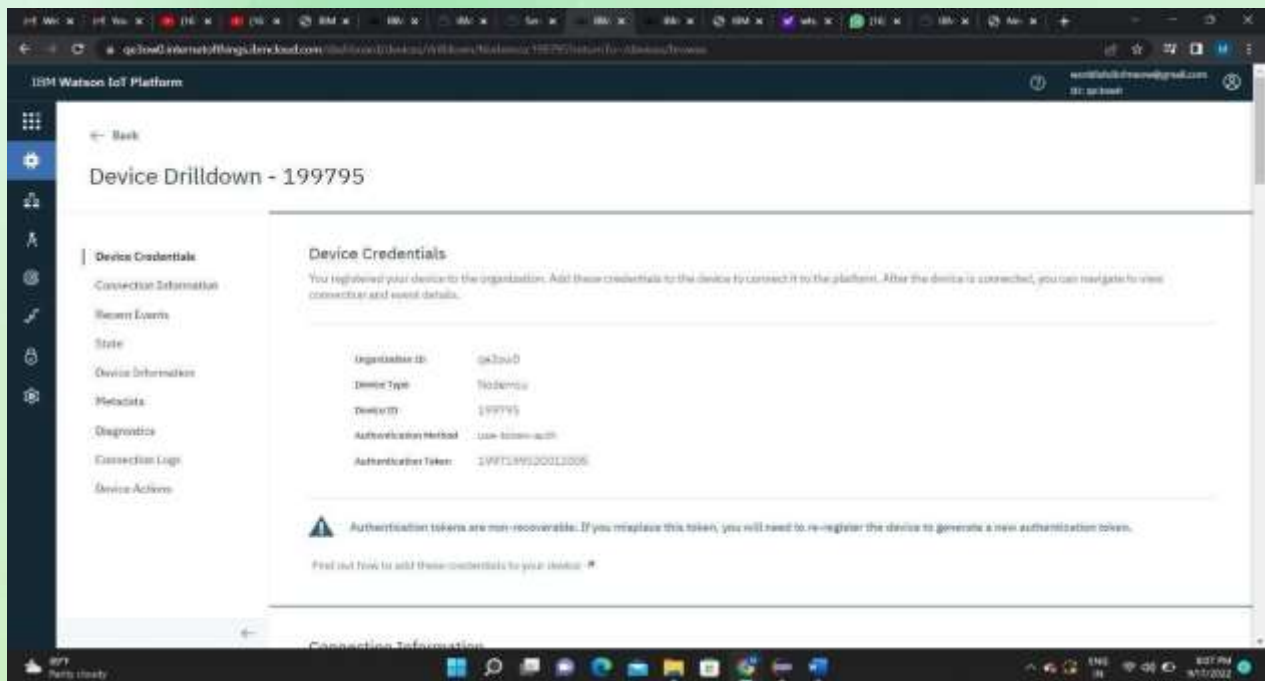15. This page to enter extra details and of the hardware

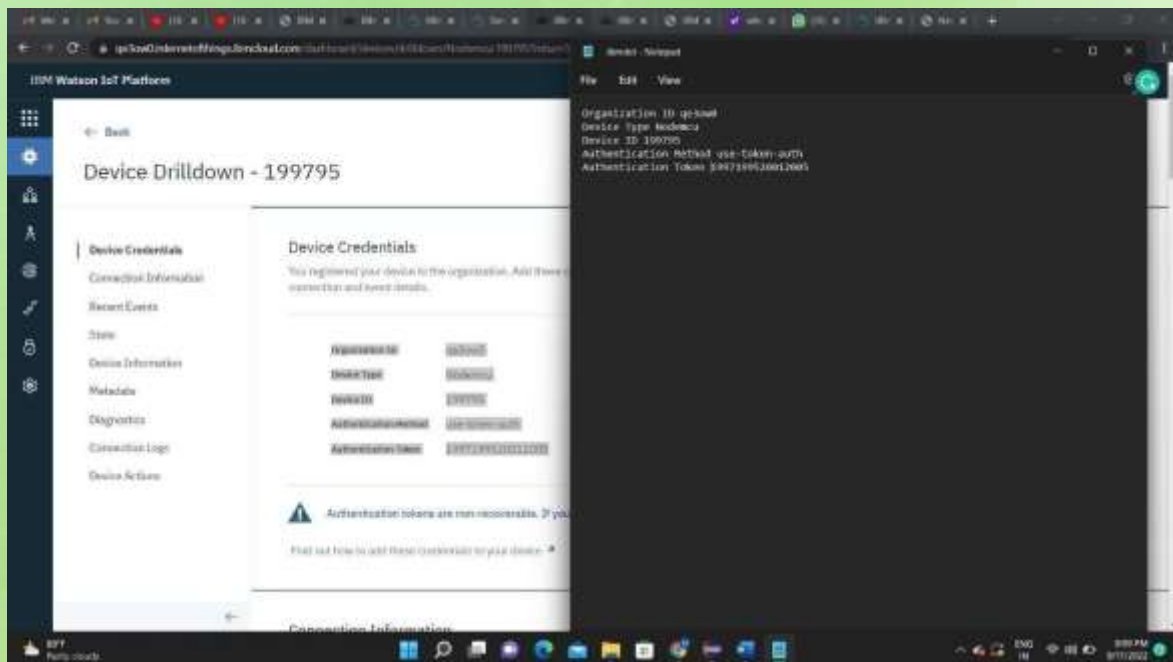16. Clicking next it goes to the security where we do authentication token id.

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

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

19. Safe the details of the device as the authentication tokens are non-recoverable and if misplaced then we have to create a new one.
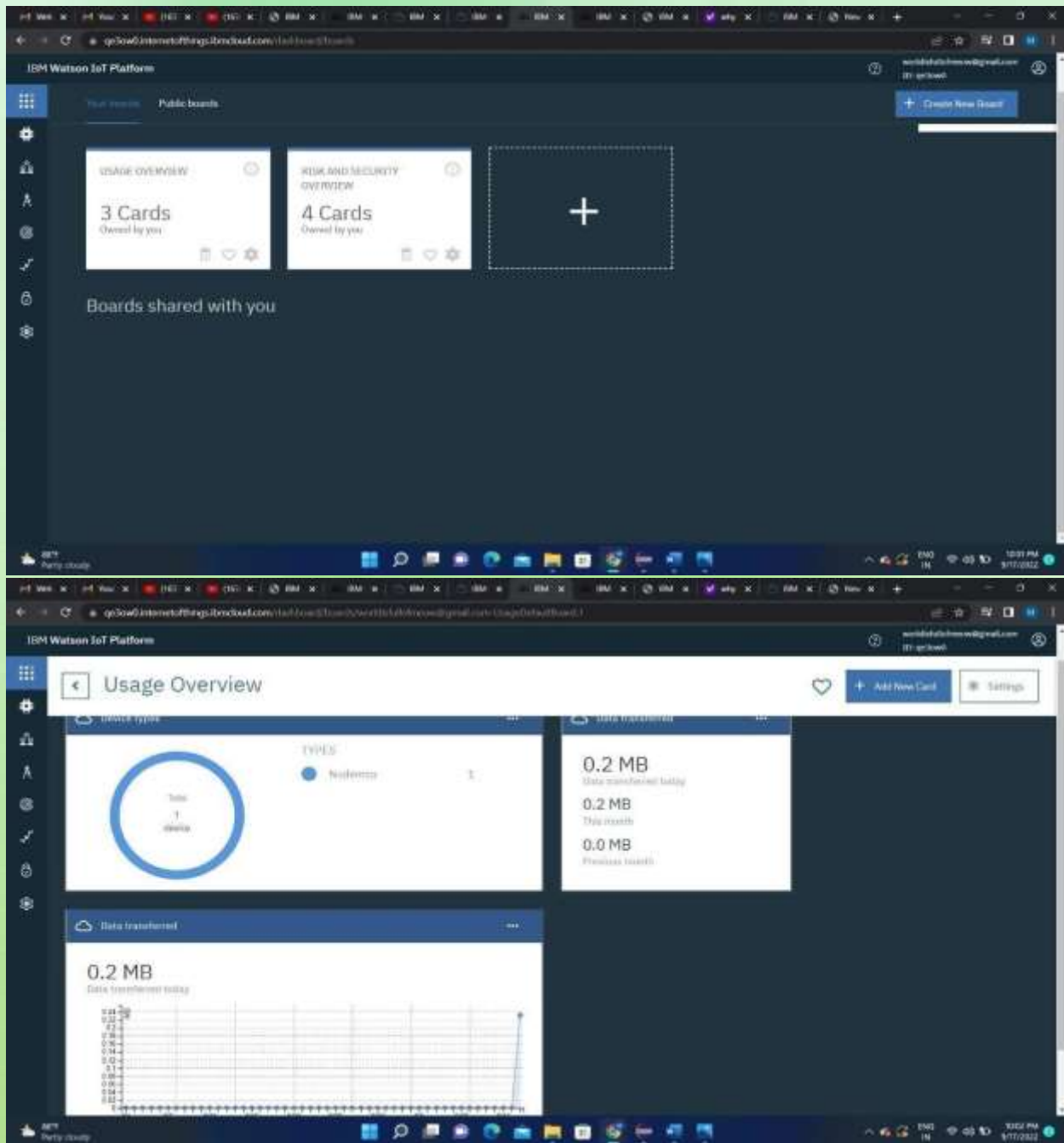
20. Clicking on the device tab we can now see the added device. Clicking on it will display the other details. It has different tabs like Identity, Device Information, State and login.
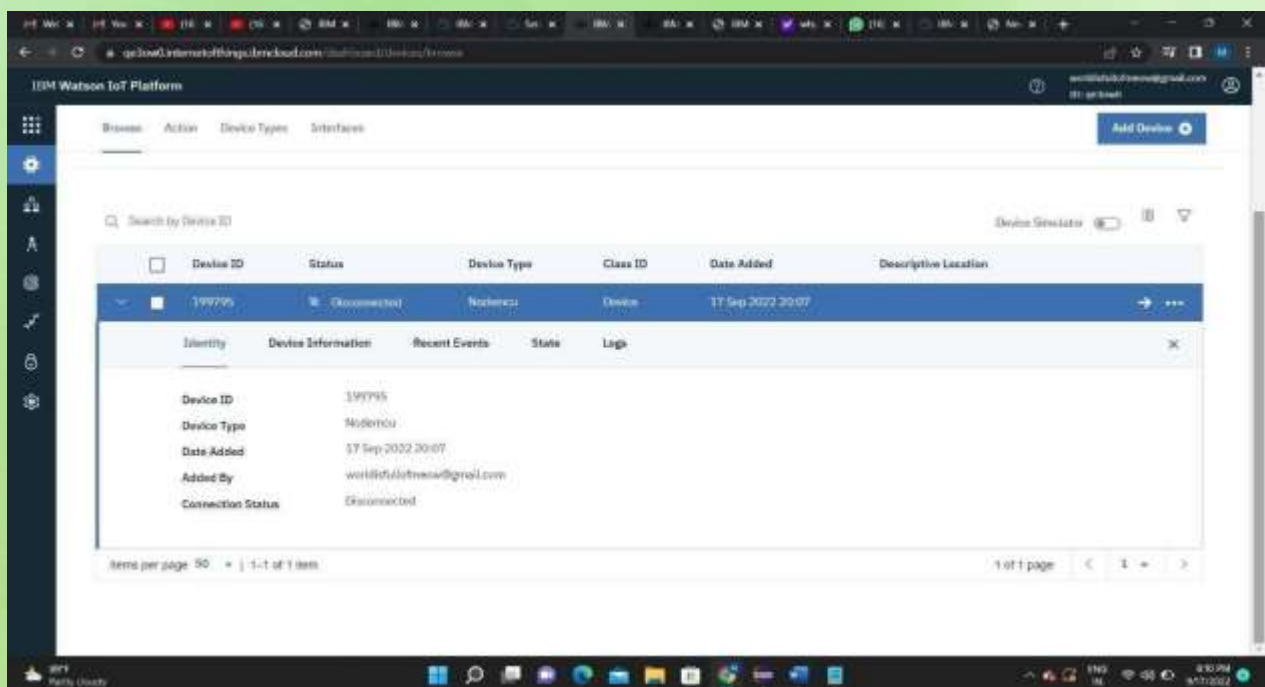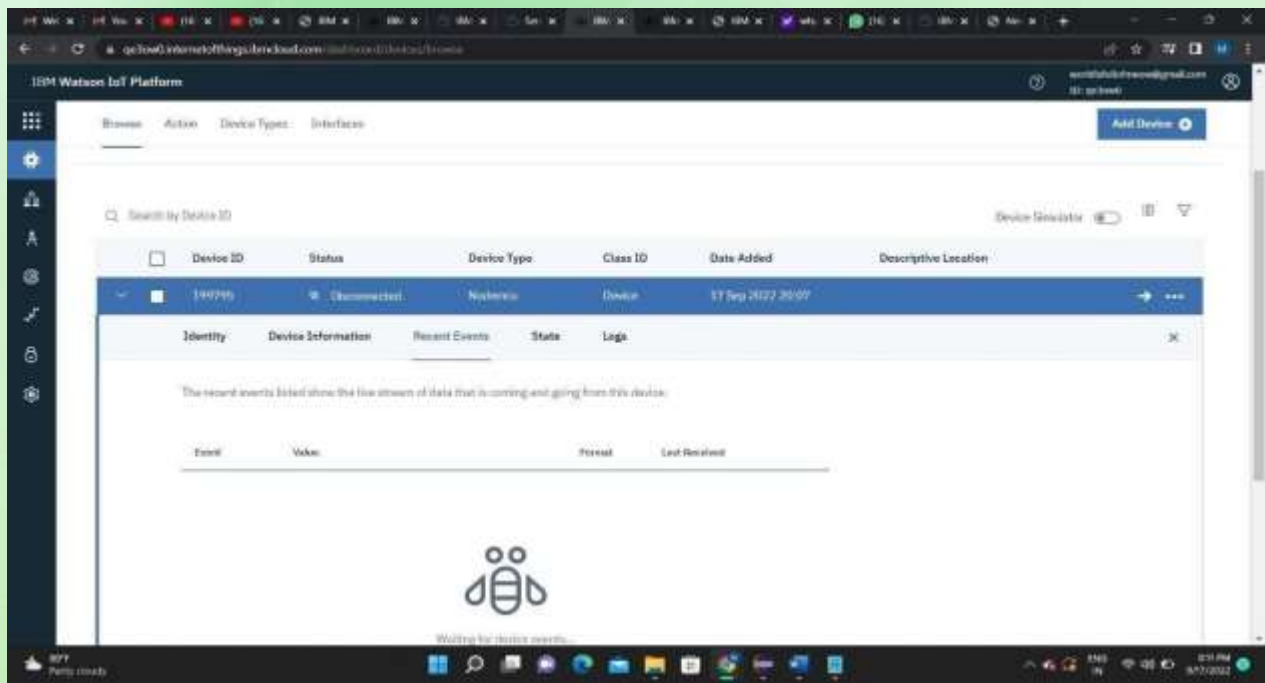
In a similar way, we can create n number of devices with a 50 per page limit as per the requirement of our project

21. The Boards will display card for the project.

RESULT:

An IBM Watson cloud for IoT and a device is created