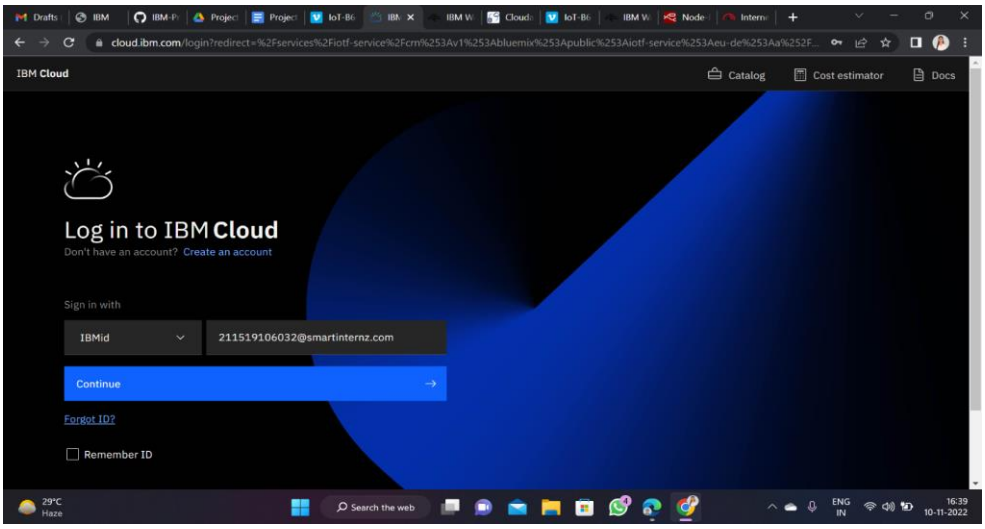
CREATE IBM WATSON IOT PLATFORM AND DEVICE

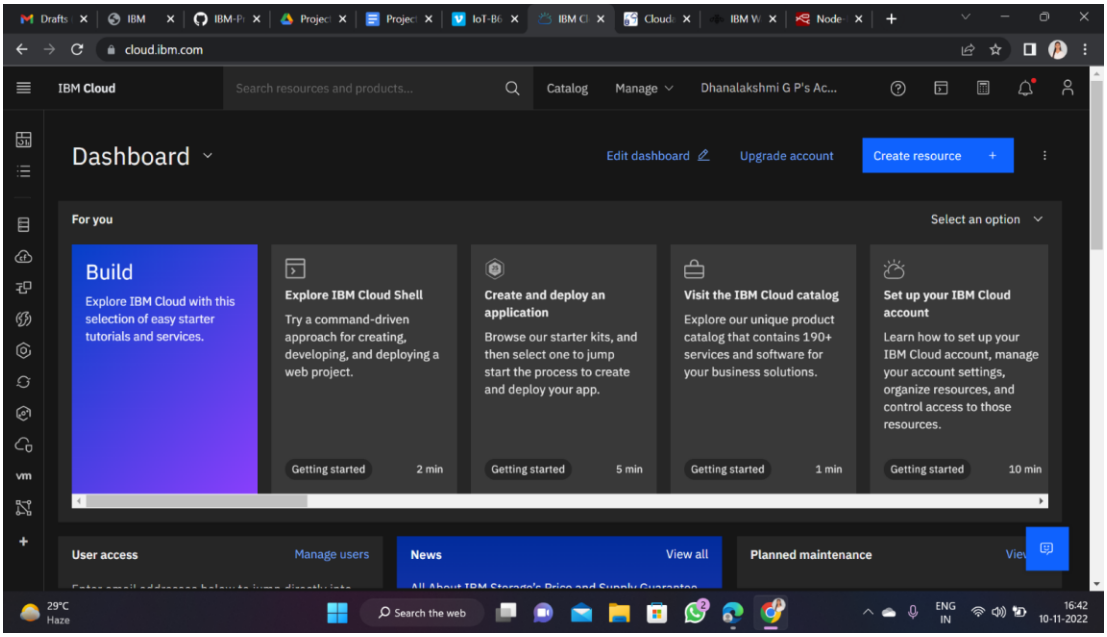
Date	**22-10-2022**
Team ID	**PNT2022TMID25977**
Project Name	**Project - IoT based safety gadget for child safety monitoring and notification**

STEPS:

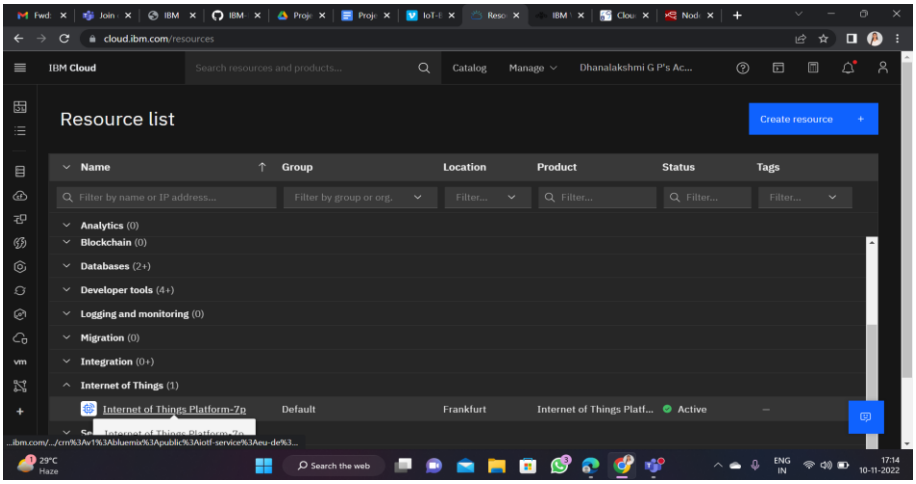
Firstly, create an IBM cloud account with IBMid and password



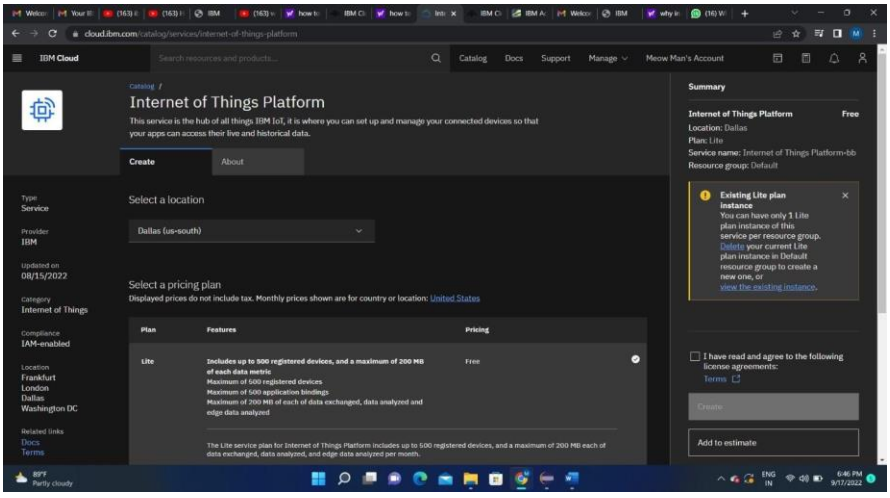
Home page of IBM cloud



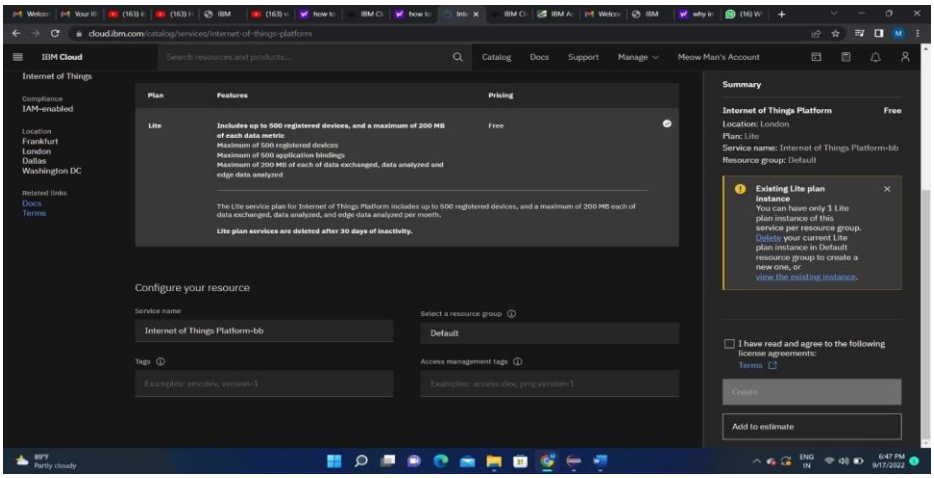
Click on the catalog on the top



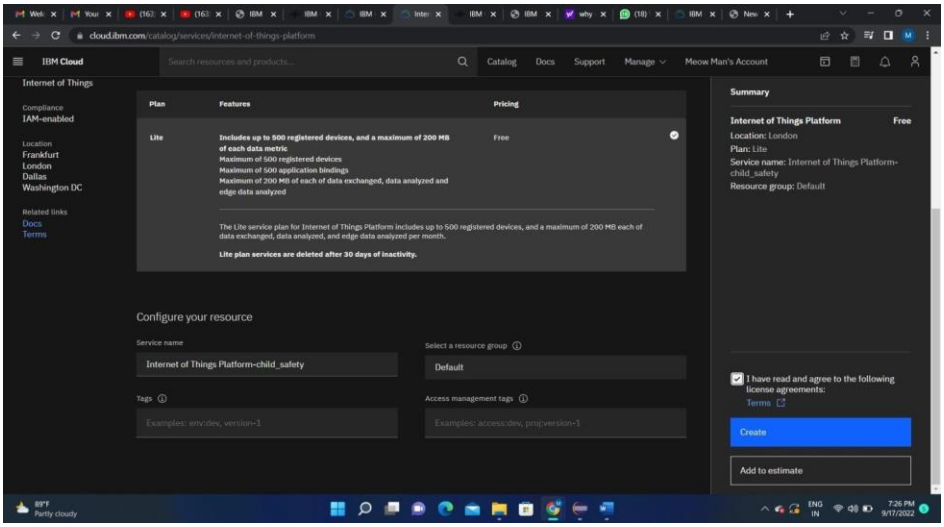
Click on IoT in the category mentioned



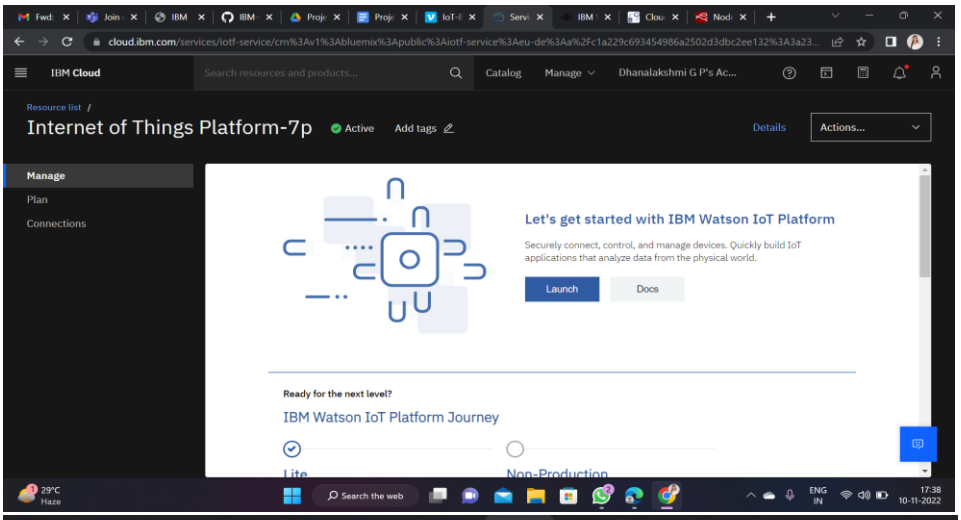
If already a lite is present delete it else u can’t create another

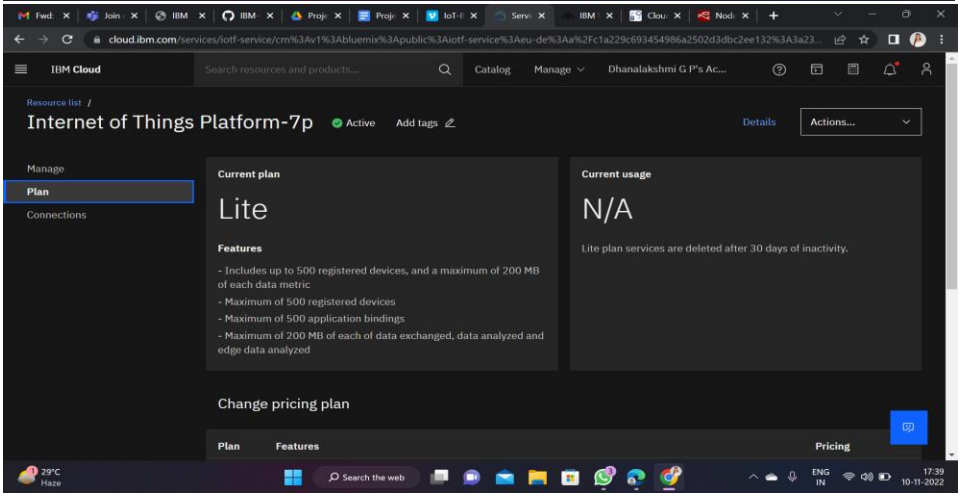


Enter the location and in the configure your resource type the service name and choose the plan, tick the agree with agreements and then click on create

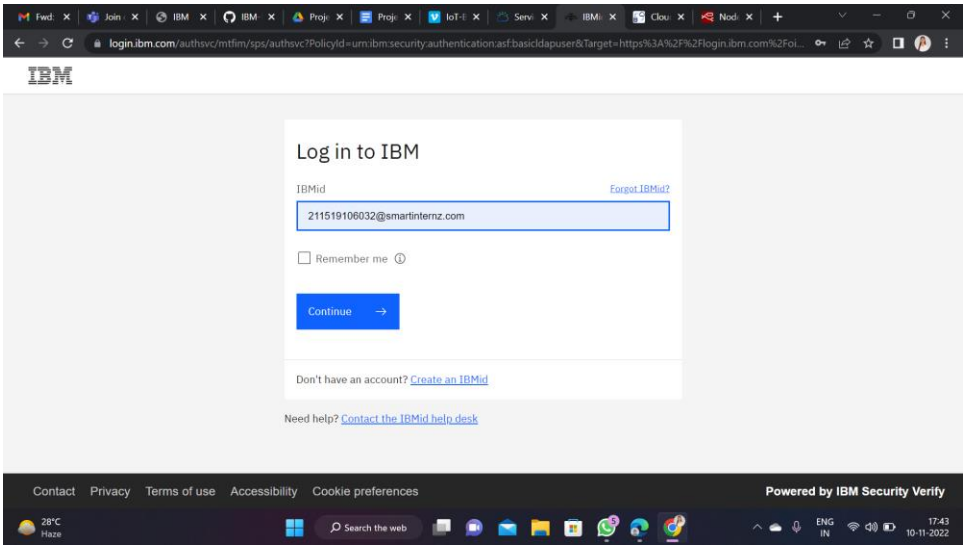


Internet of Things Platform Child safety will be created, where there are different options like manage, plan, and connection (manage is for launch, Plan gives us the idea about the payment package and its upgrades, and lastly the connection is for to connect IoT with other services)

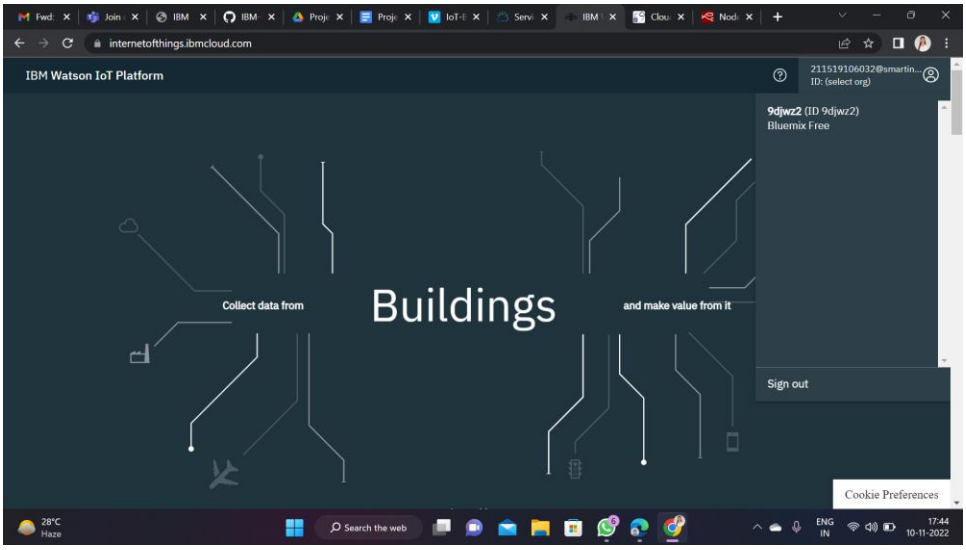




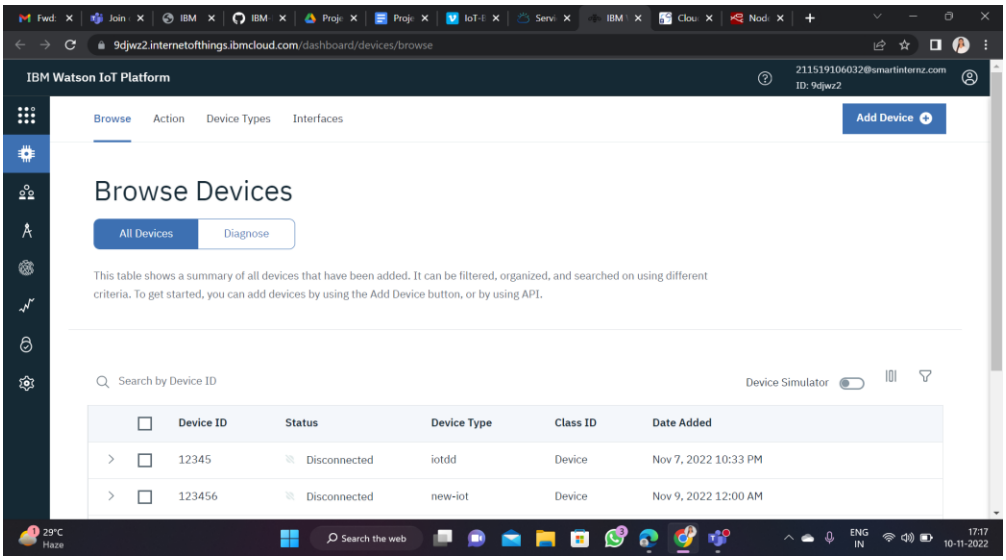
Clicking on the launch button in the manage tab, it will open to this
Enter the details to sign into the Watson Cloud to create a device



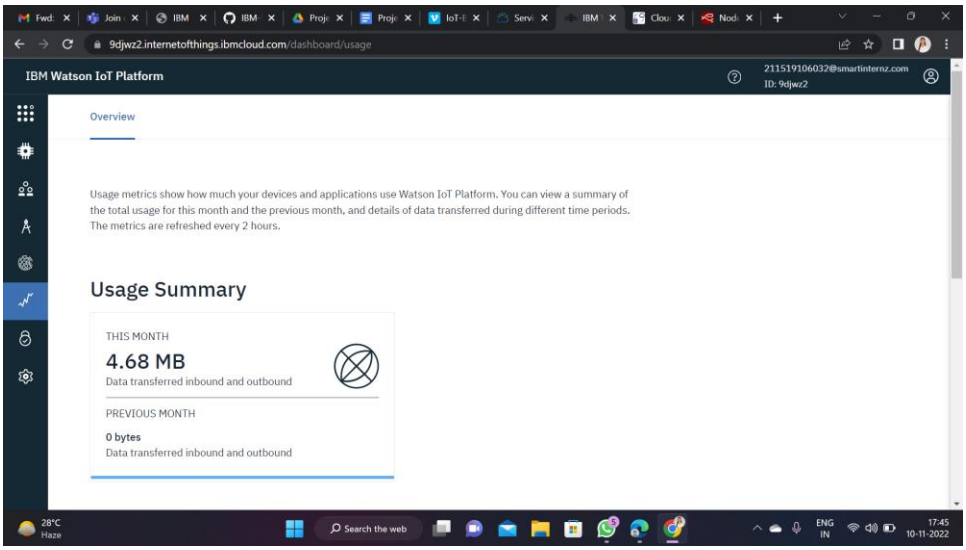
Once logged in the name will be displayed and it goes back to the first page



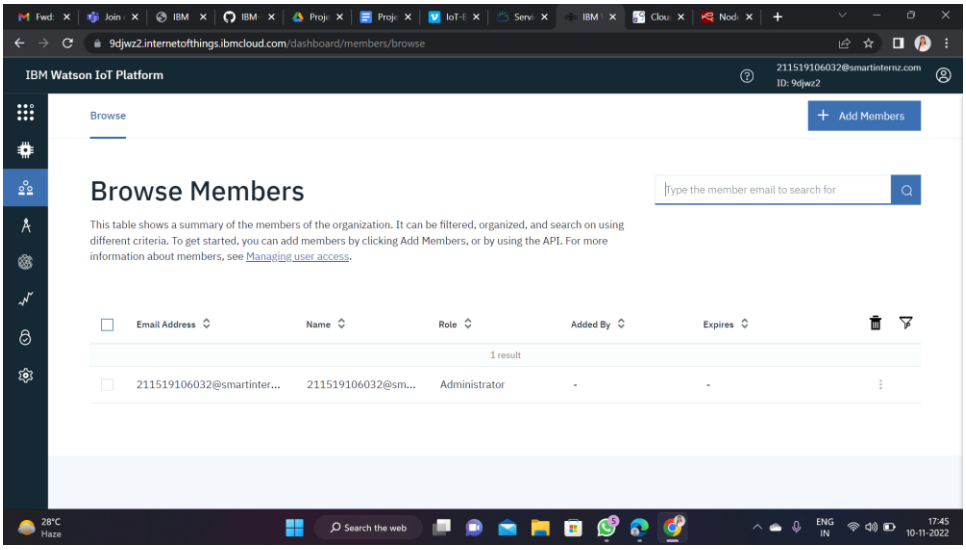
And again, clicking on the launch button will open this tab, the device will help in the creation of the devices, the addition of devices, and the display of details of the devices



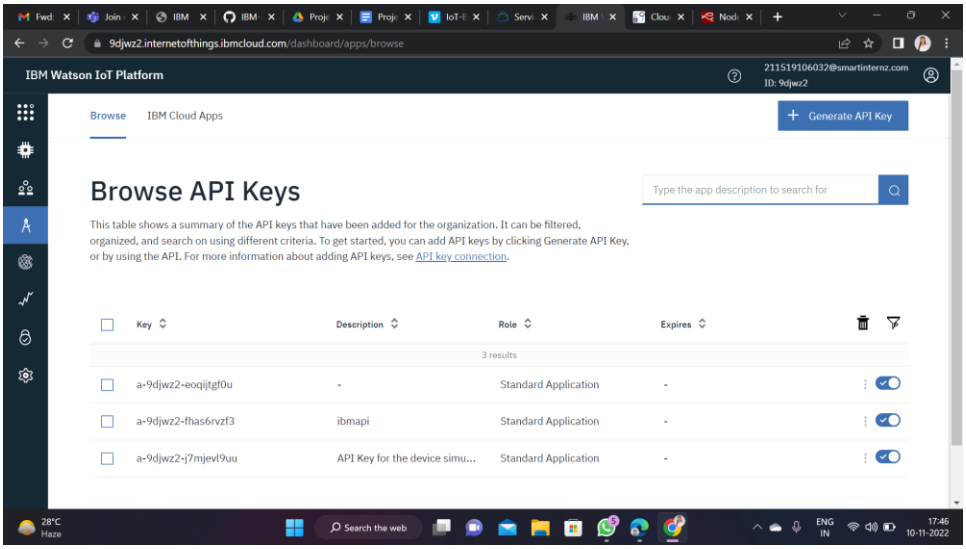
Usage gives a summary of how many bytes are used between the devices and the IBM cloud.



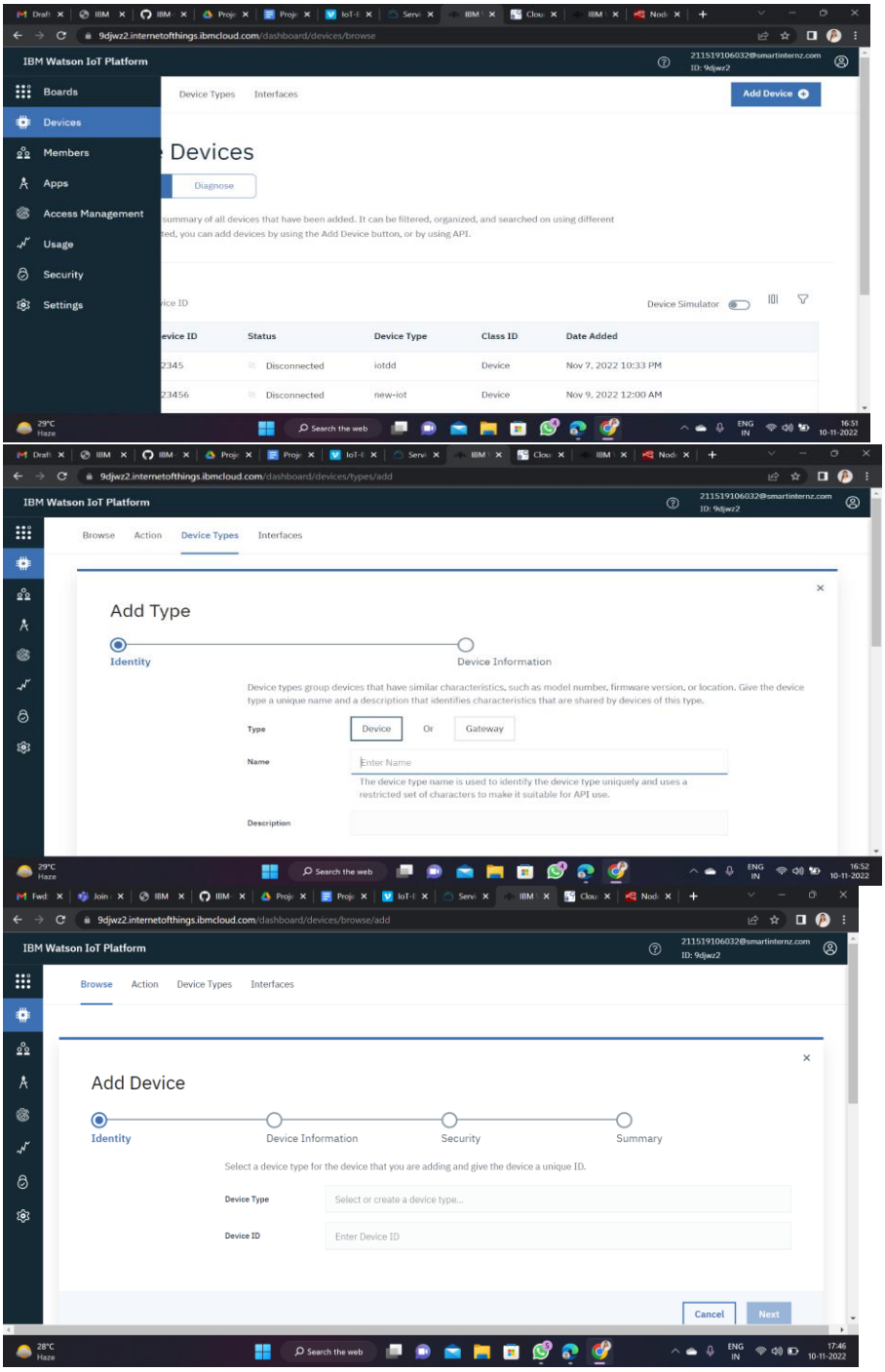
The member tab adds the teams' members to work in the platform



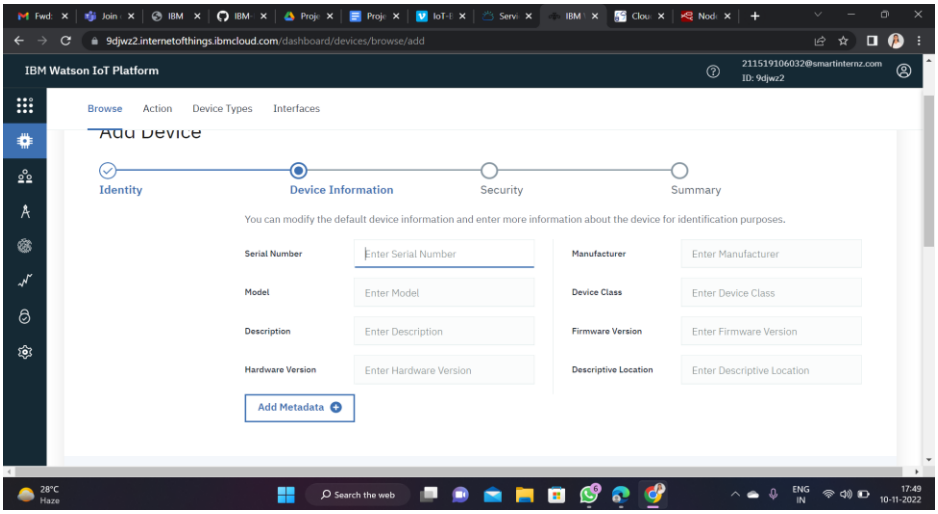
This tab is used when you want to connect to some other platform and to integrate with other services.



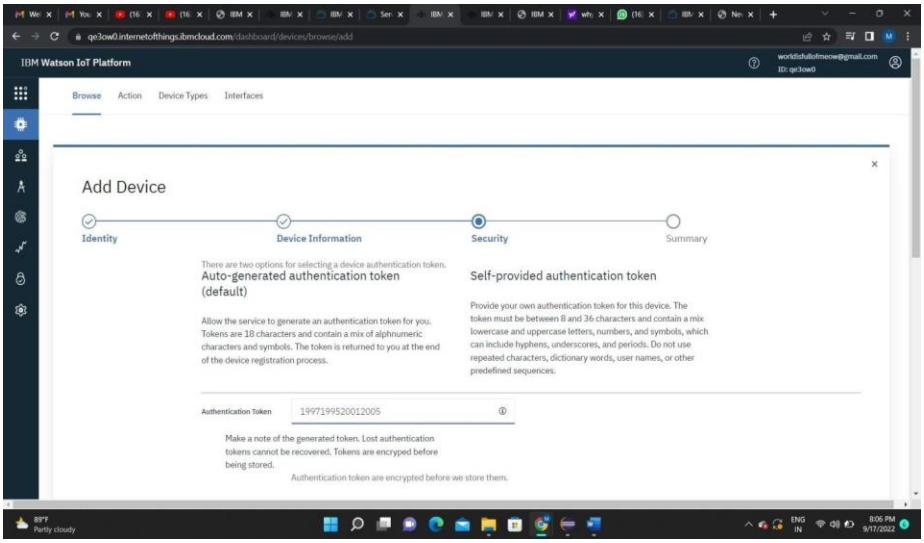
Click on the device tab and click on the add device button, then give the device type and device id and click next



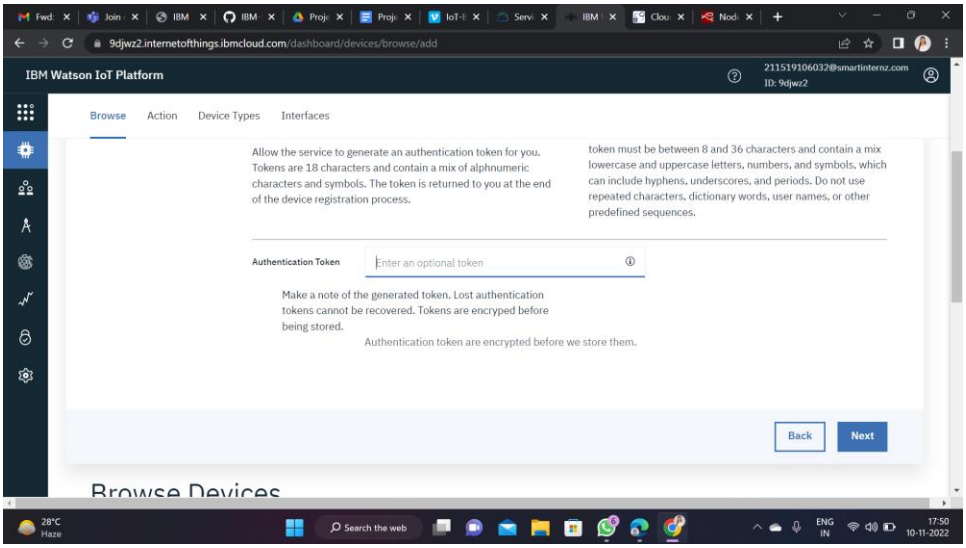
This page to enter extra details and of the hardware



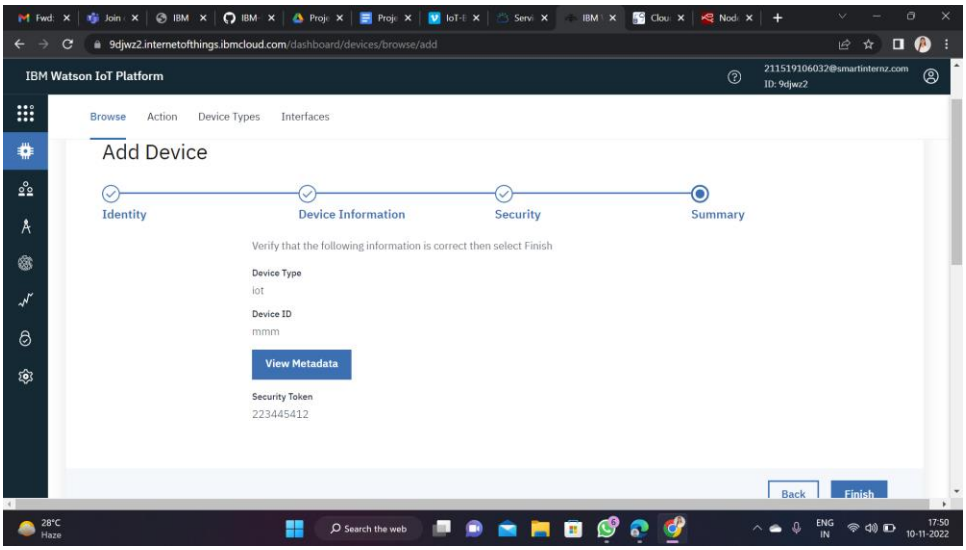
Clicking next it goes to the security where we do authentication token id.



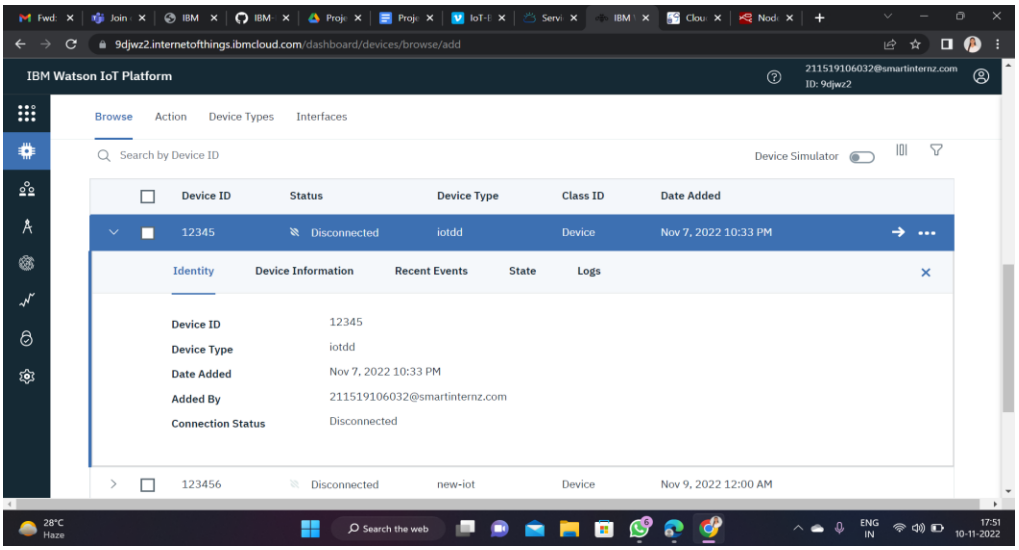
Clicking on next it goes to the summary of the device then click finish



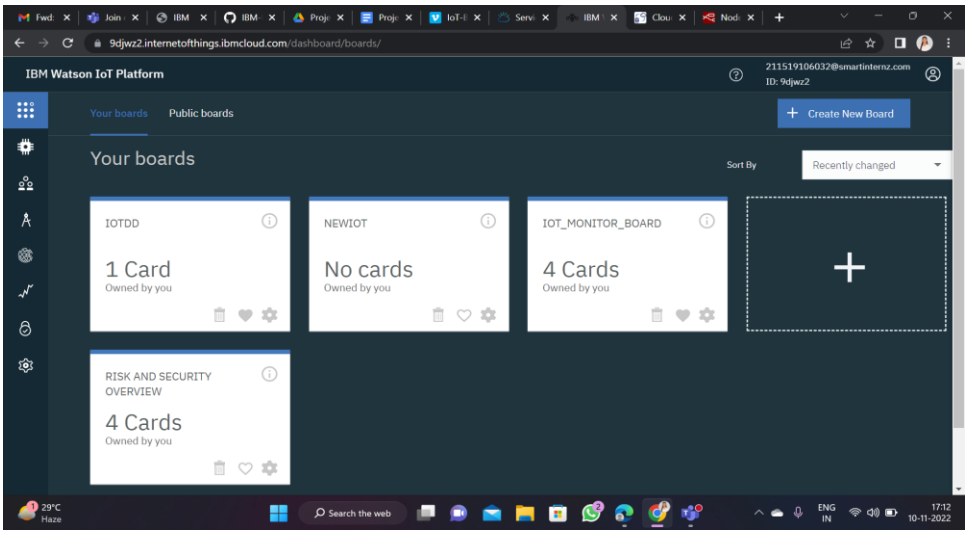
The device credentials will be displayed with all the details



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.



RESULT:

An IBM Watson cloud for IoT and a device is created