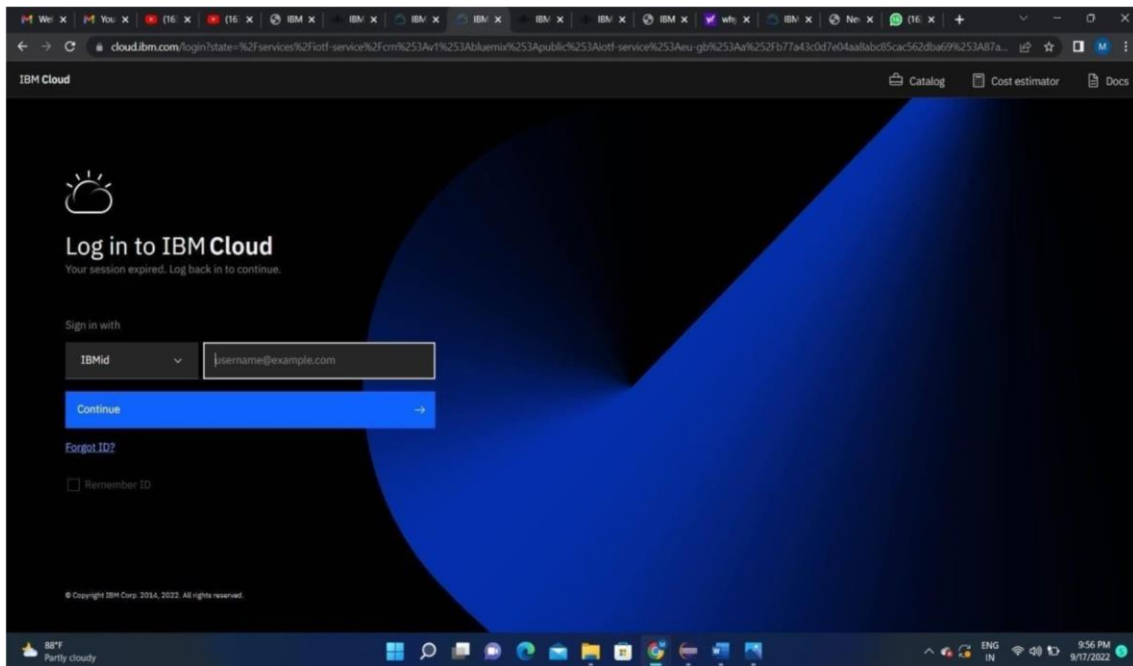


## CREATE IBM WATSON IOT PLATFORM AND DEVICE

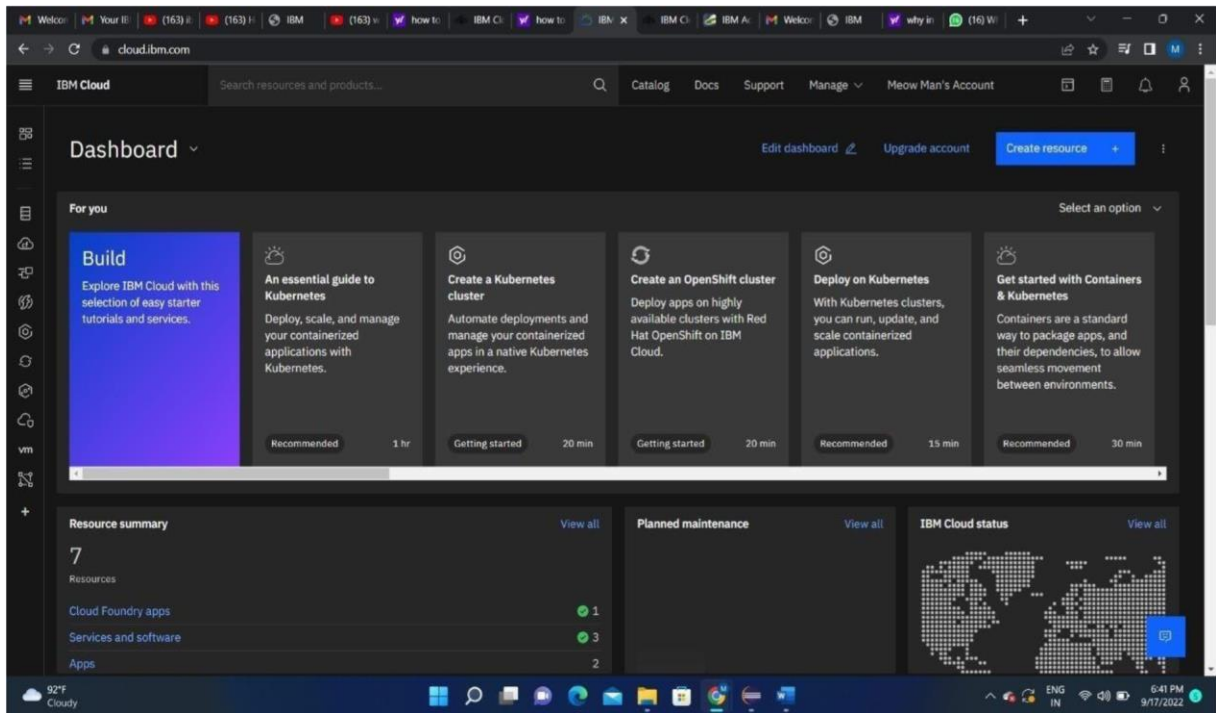
Date	10-11-2022
Team ID	PNT2022TMID12770
Project Name	Smart solution for Railways
Maximum Marks	4 Marks
Submitted By	Gowtham R Tamilarasan V Hassain E Kishore V

### STEPS:

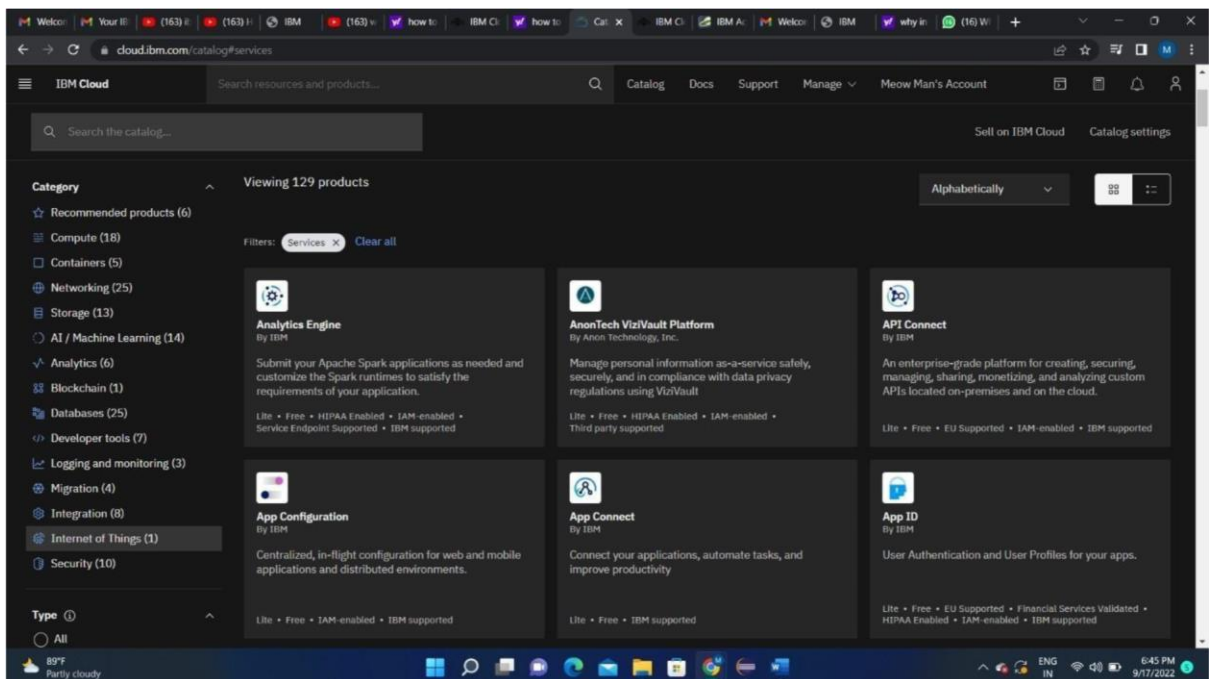
1. Firstly create an IBM cloud account with IBMid and password



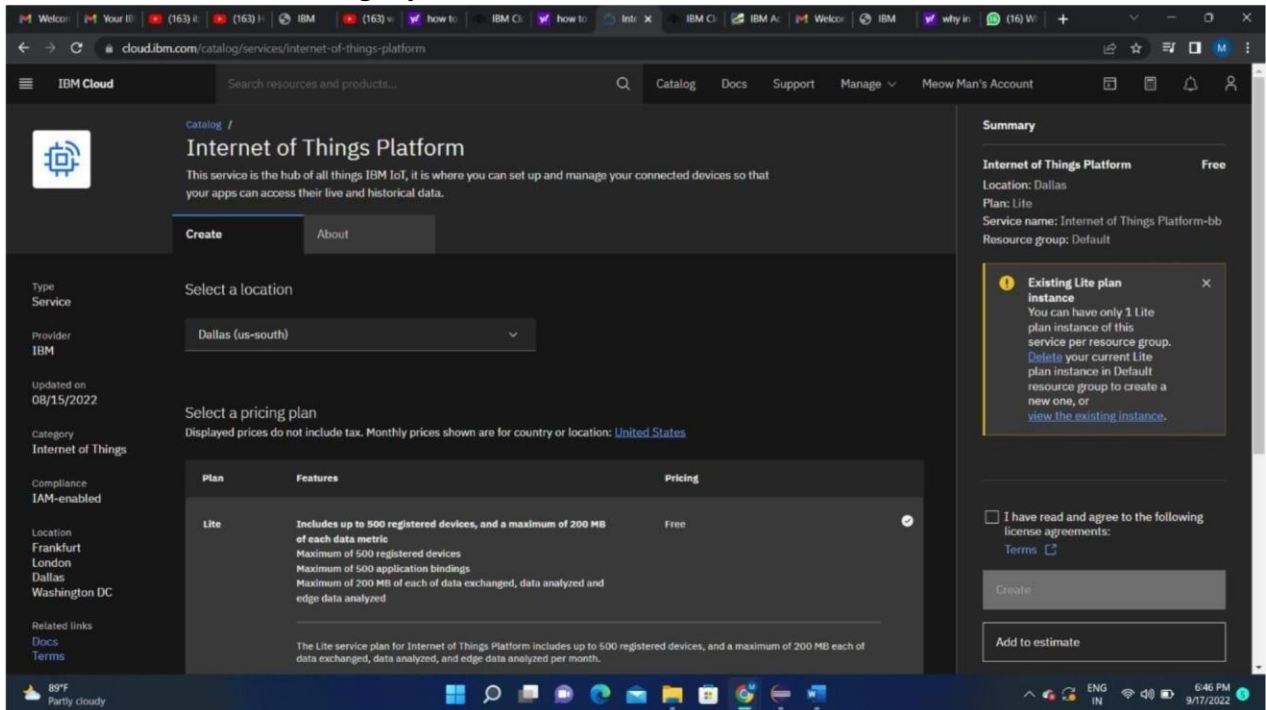
## 2. Home page of IBM cloud



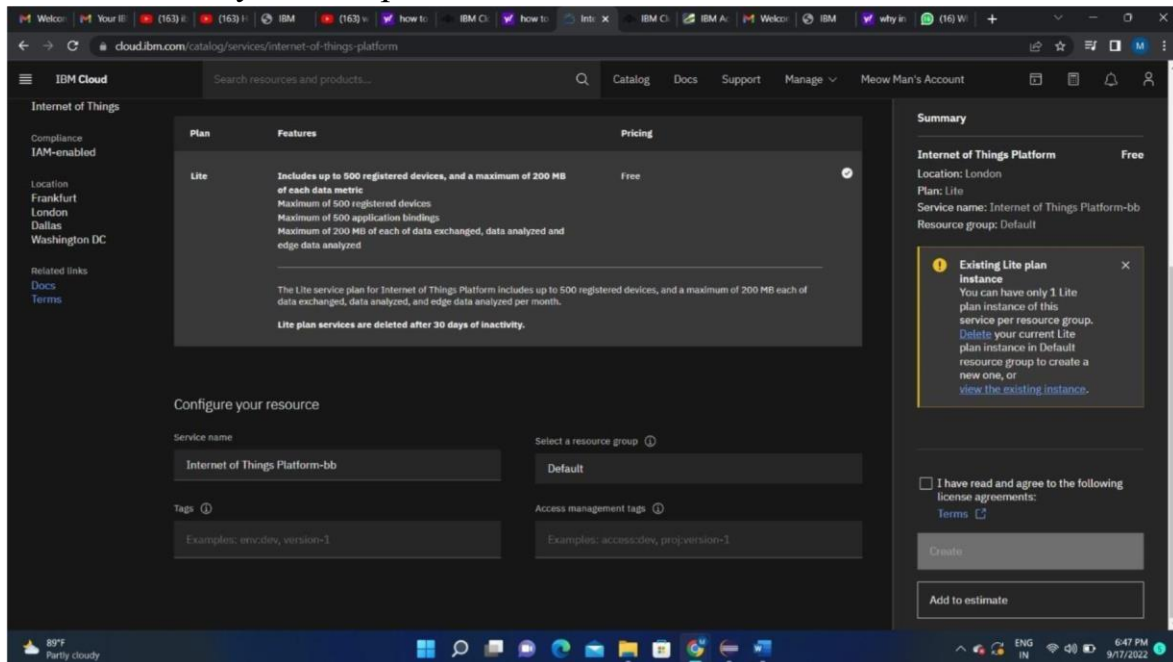
## 3. Click on the catalog on the top



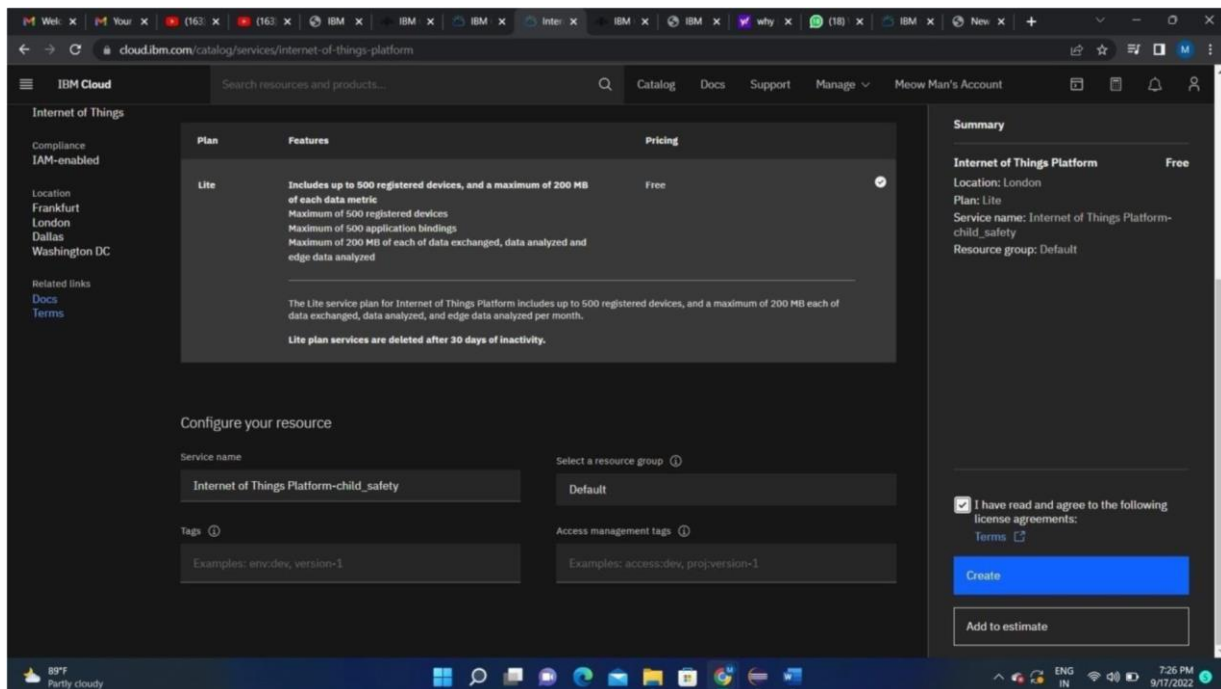
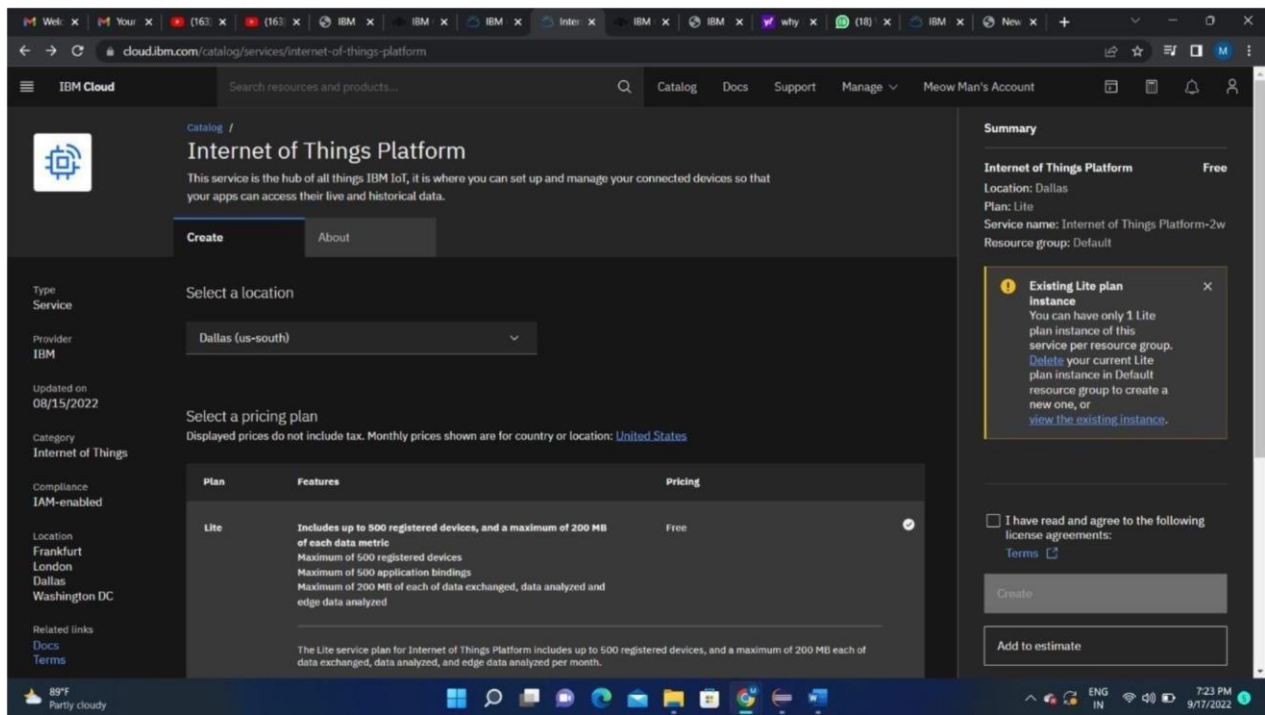
Click on IoT in the category mentioned



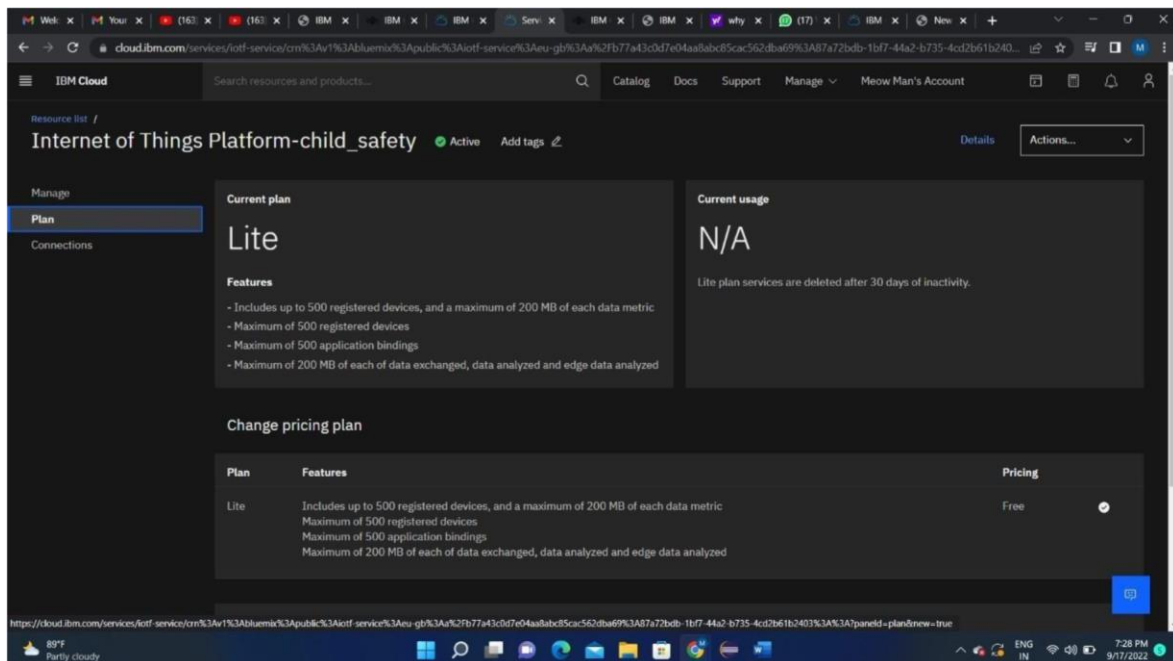
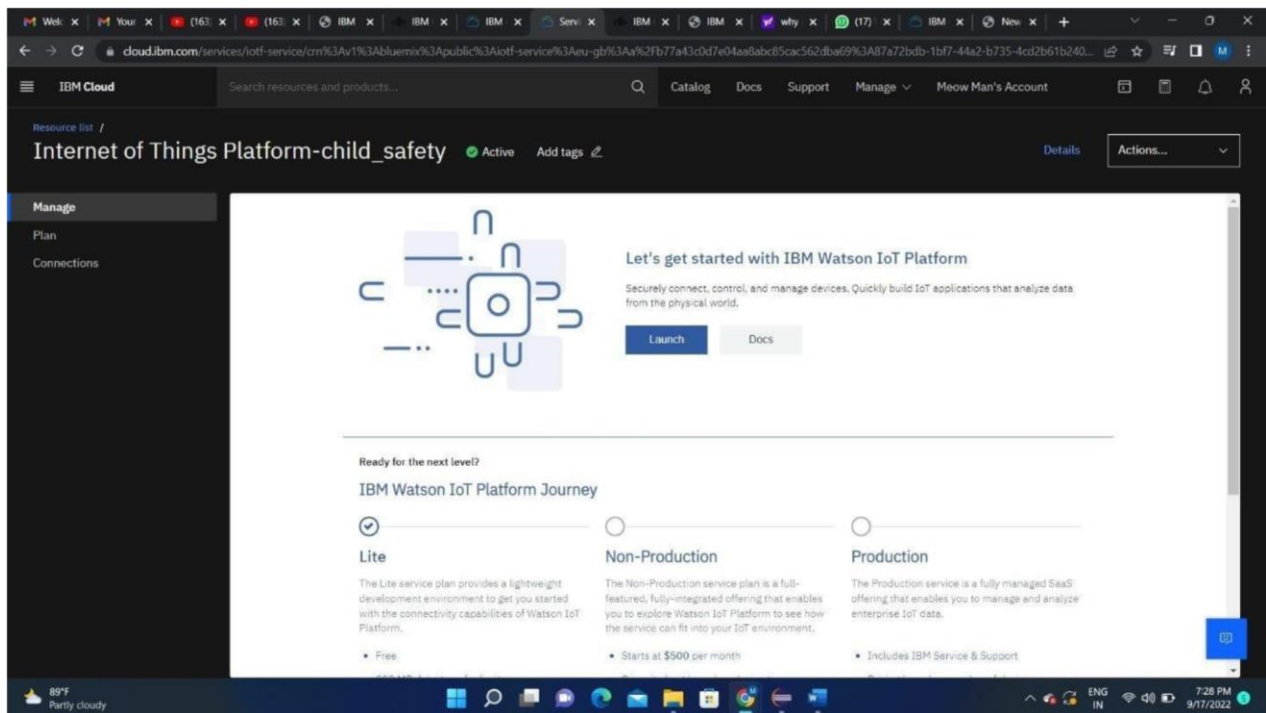
4. If already a lite is present delete it else u can't create another



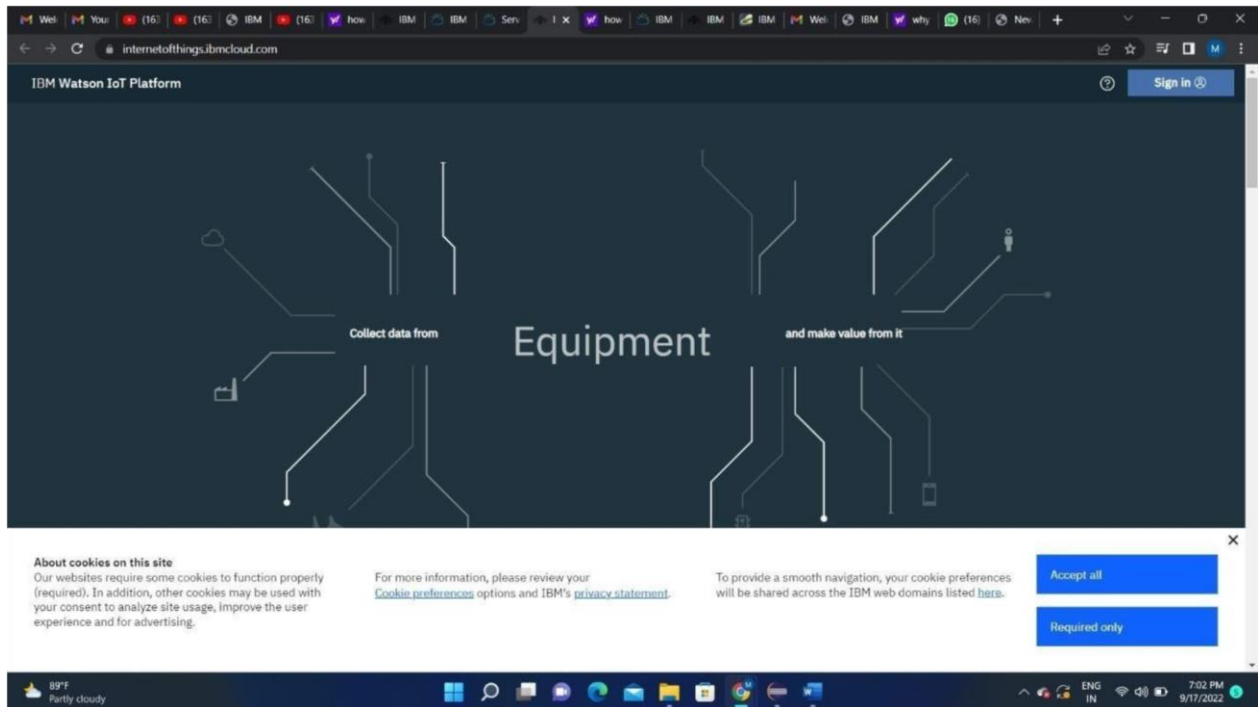
5. Enter the location and in the configure your resource type the service name and choose the plan, tick the agree with agreements and then click on create



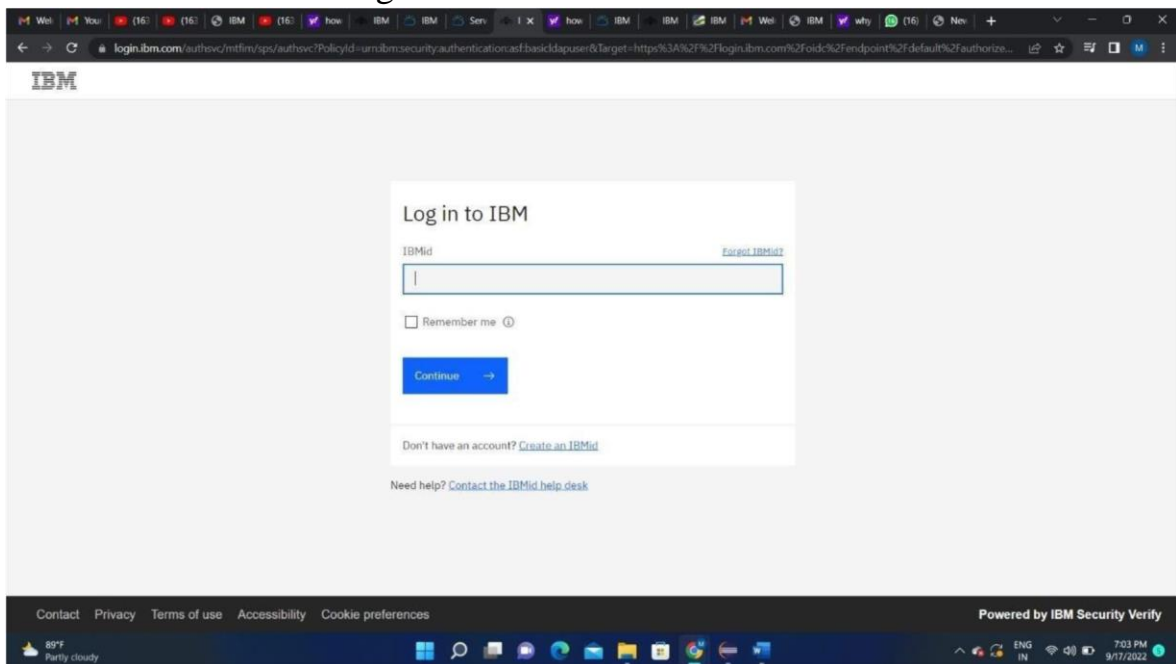
- Internet of Things Platform Child\_safety will be created, where there are different options like manage, plan, and connection (manage is for launch, Plan gives us the idea about the payment package and its upgrades, and lastly the connection is for to connect IoT with other services)



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

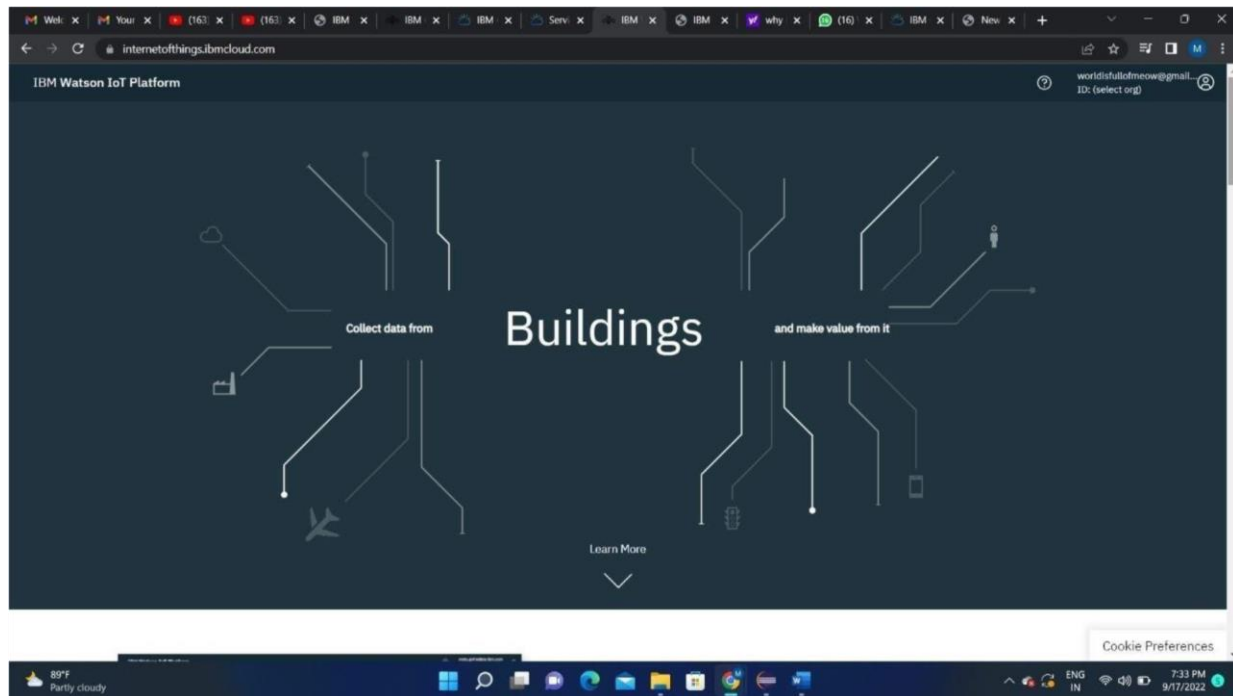


8. Enter the details to sign in to the Watson Cloud to create a device

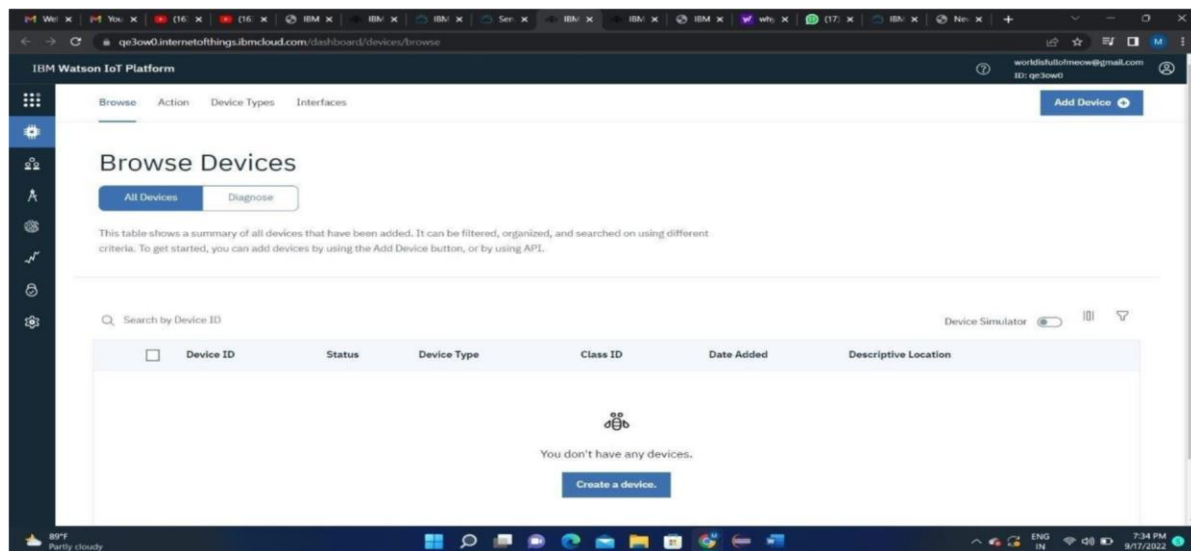


9. Once logged in the name will be displayed and it goes back to the first page

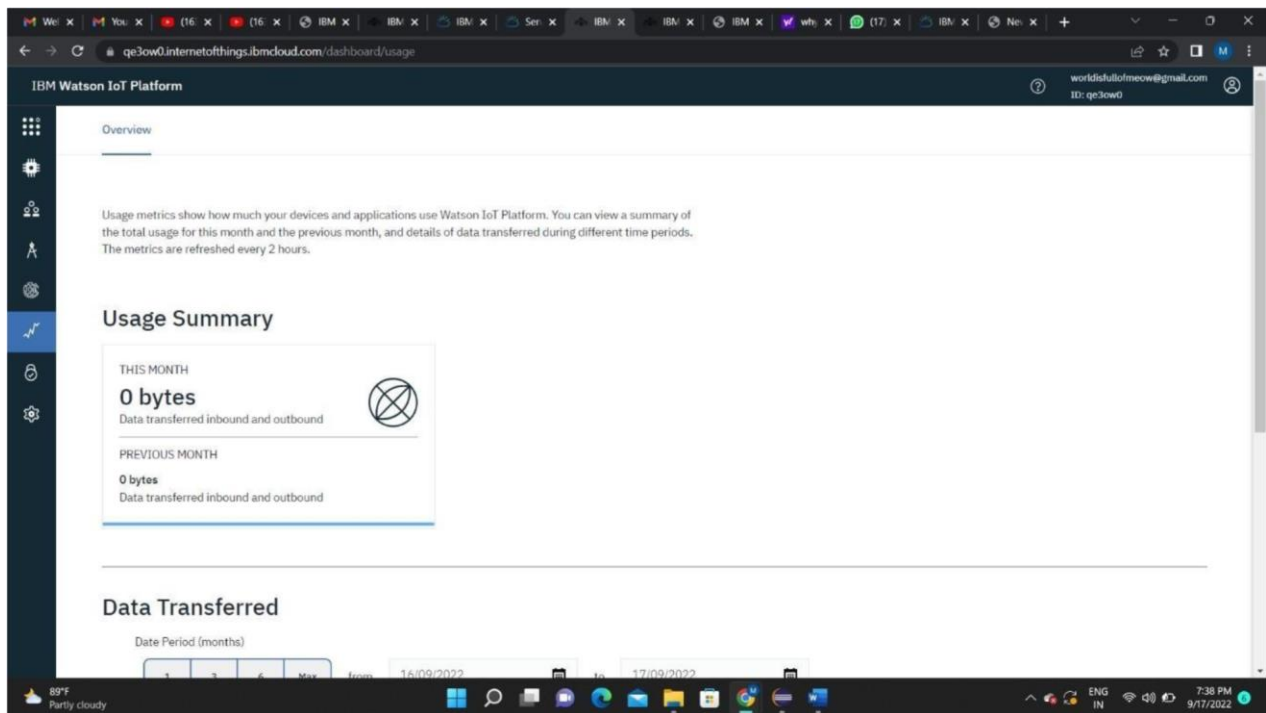




10. And again clicking on the launch button will open this tab, the device will help in the creation of the devices, the addition of devices, and the display of details of the devices



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



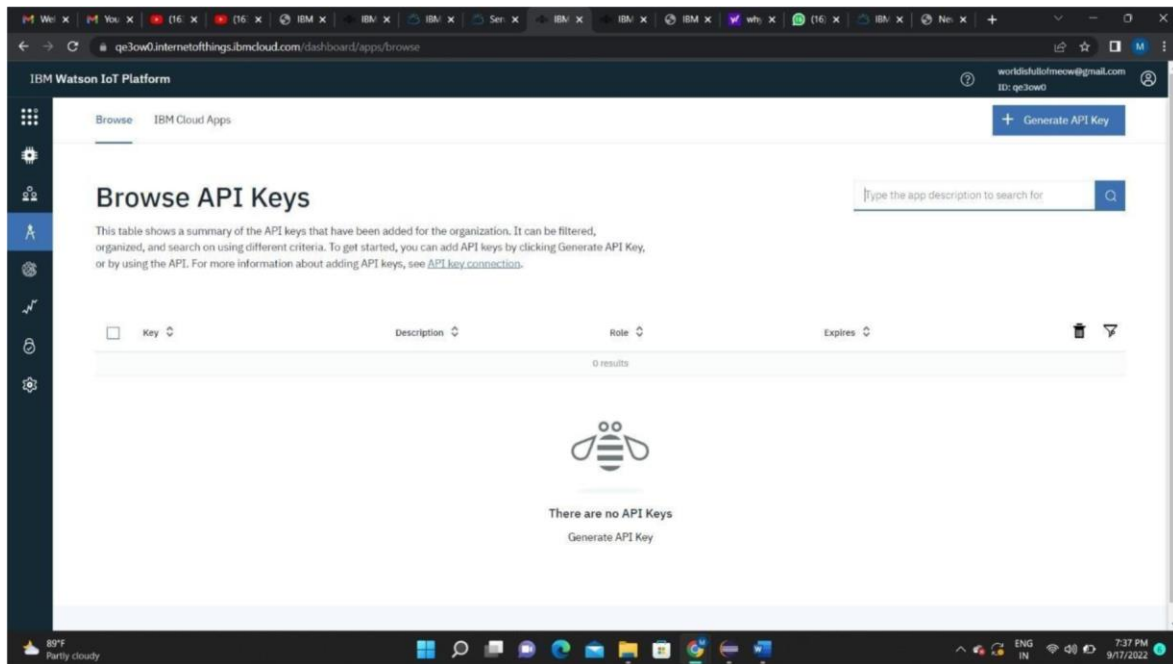
12.The member tab is add the teams members to work in the platform

The screenshot shows the 'Browse Members' page in the IBM Watson IoT Platform. The page title is 'Browse Members'. Below the title, there is a description: 'This table shows a summary of the members of the organization. It can be filtered, organized, and search on using different criteria. To get started, you can add members by clicking Add Members, or by using the API. For more information about members, see [Managing user access](#).' The main content area displays a table with columns: 'Email Address', 'Name', 'Role', 'Added By', and 'Expires'. There is a search bar at the top right with the placeholder text 'Type the member email to search for'. The table shows 1 result. The bottom of the screen shows a Windows taskbar with various application icons and a system tray displaying the date and time as 7:38 PM on 9/17/2022.

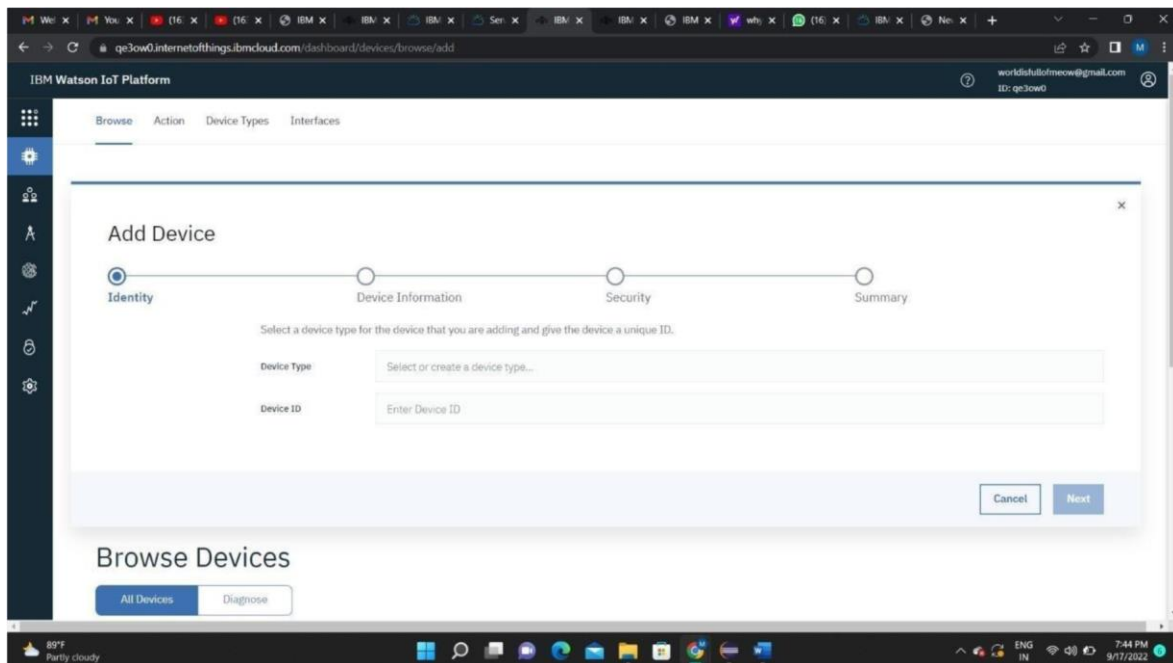
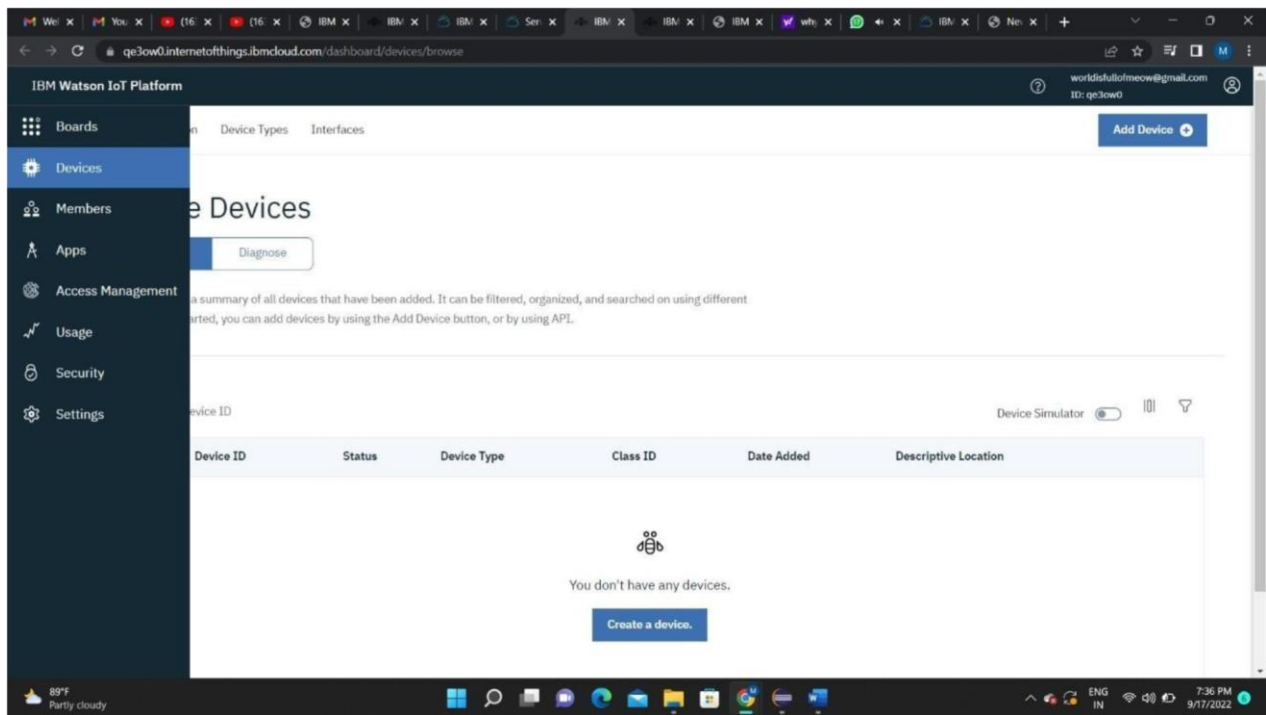
Email Address	Name	Role	Added By	Expires
worldisfulofmeow@gmail.com	worldisfulofmeow@gmail.com	Administrator	-	-

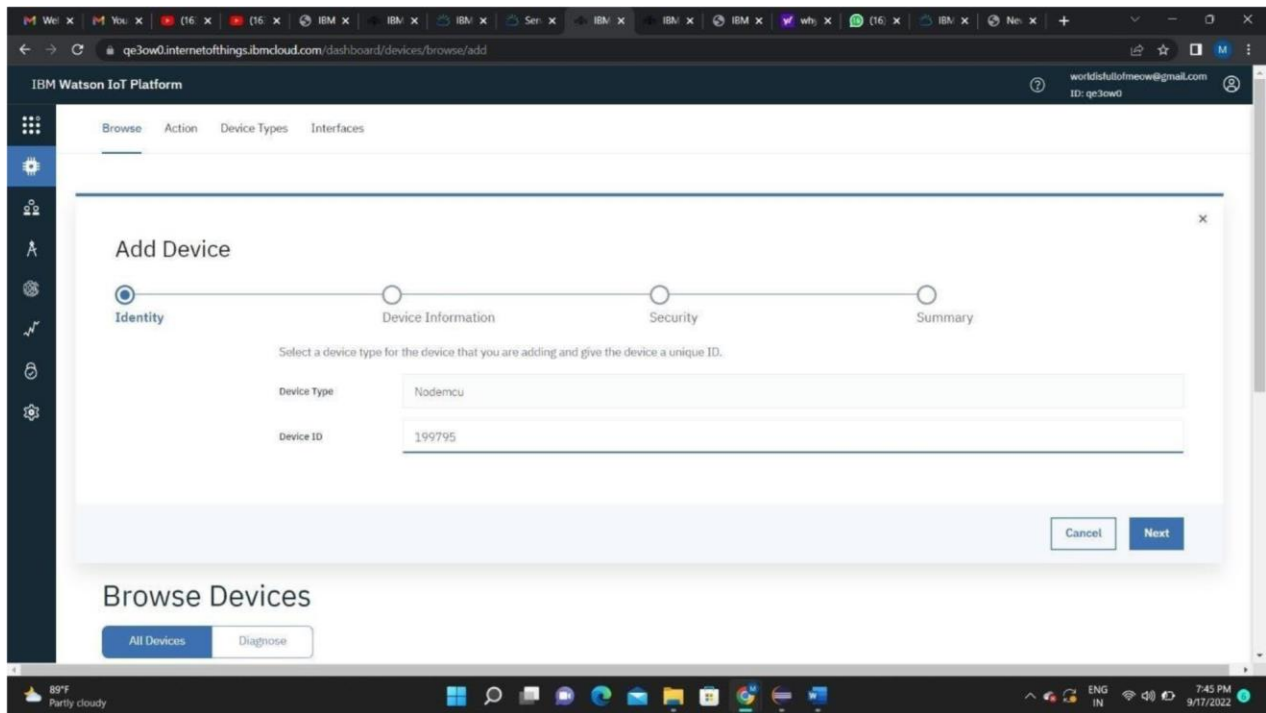
13.This tab is used when you want to connect to some other platform and to integrate with other services.



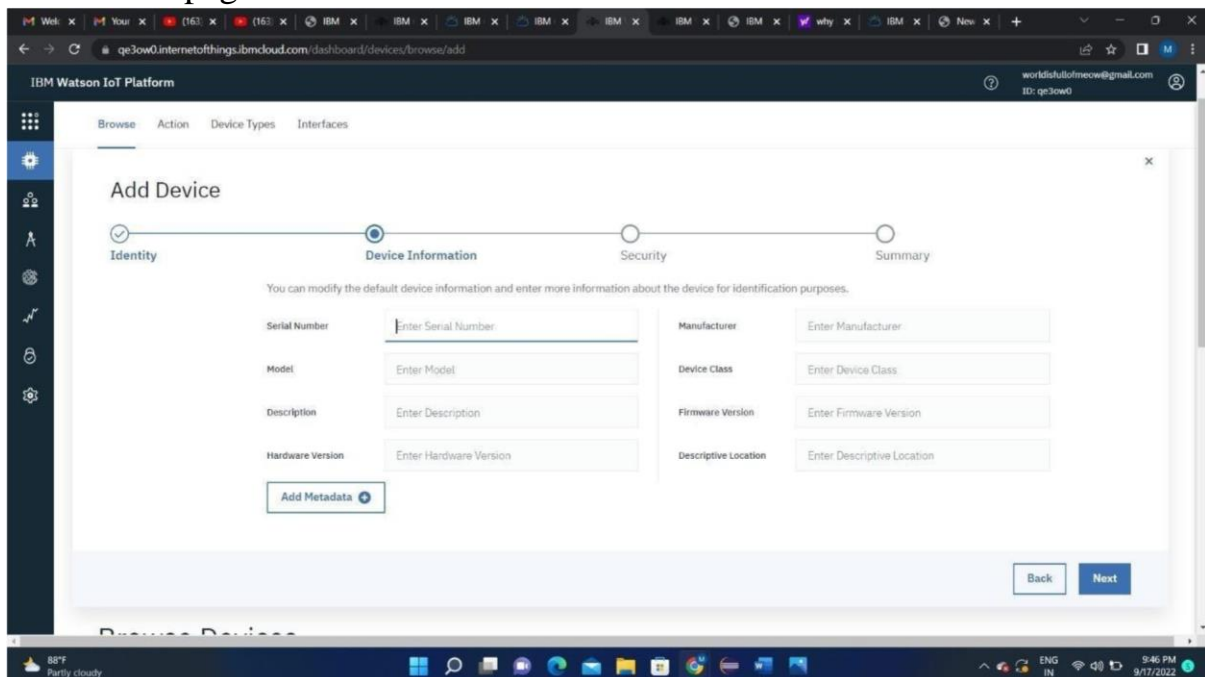


14. Click on the device tab and click on the add device button, then give the device type and device id and click next

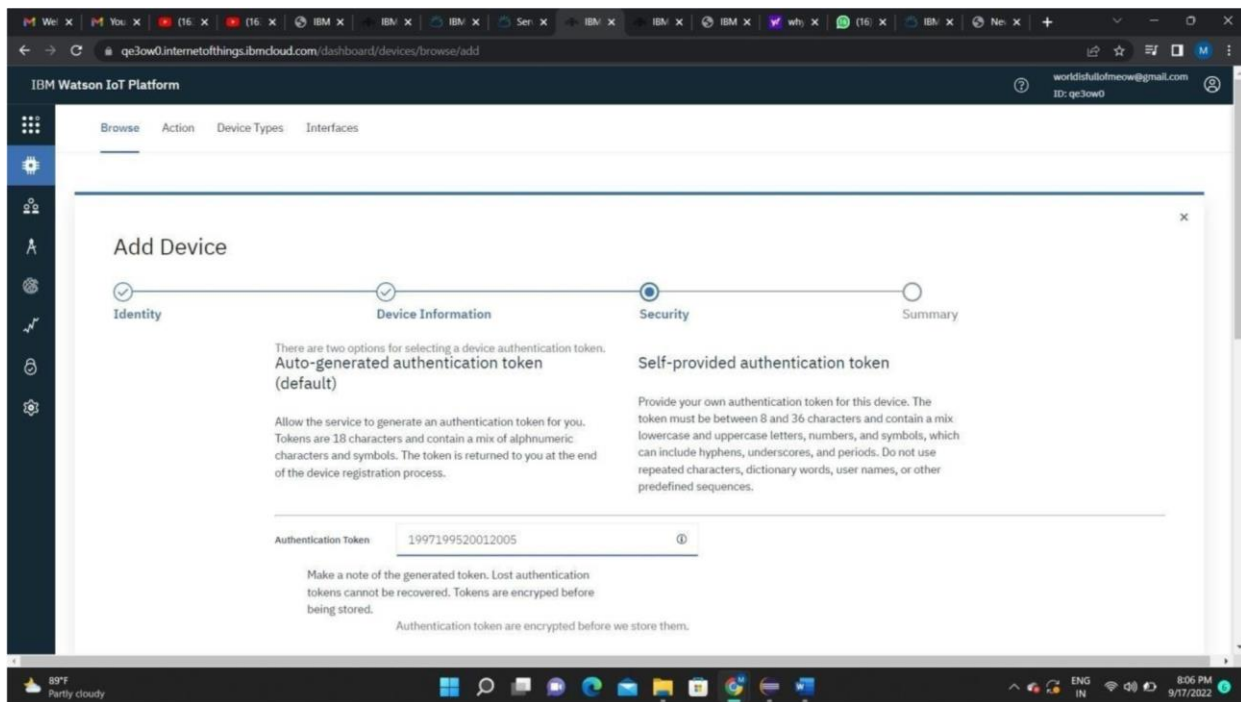




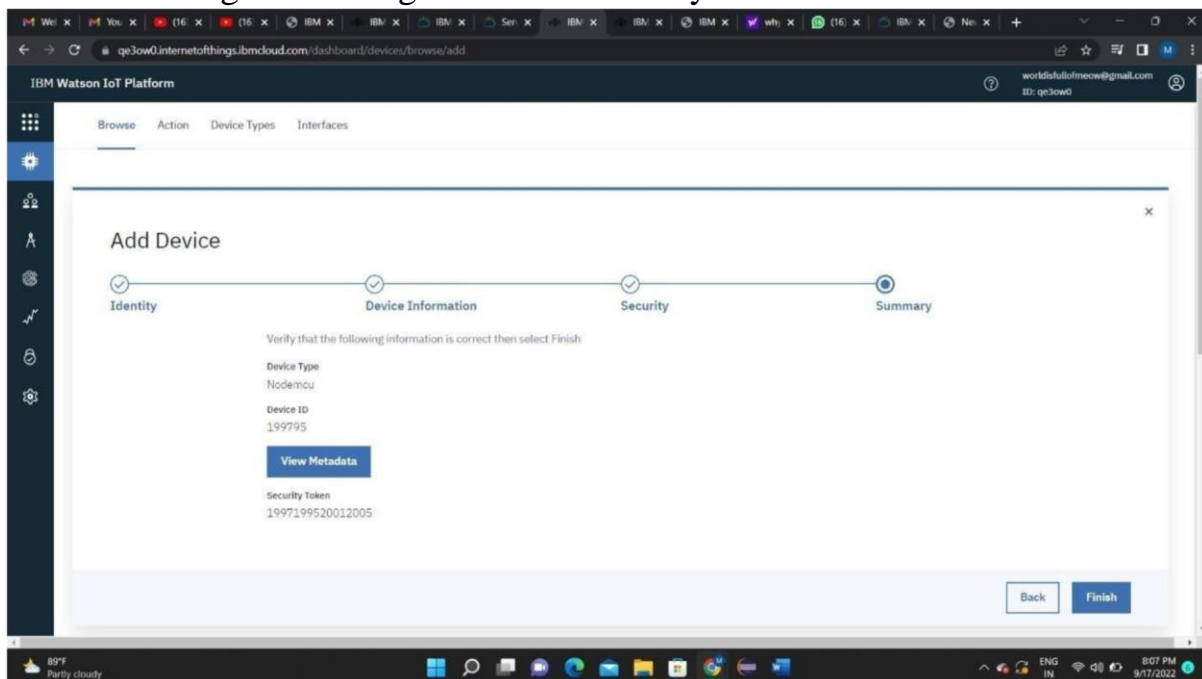
15. This page to enter extra details and of the hardware



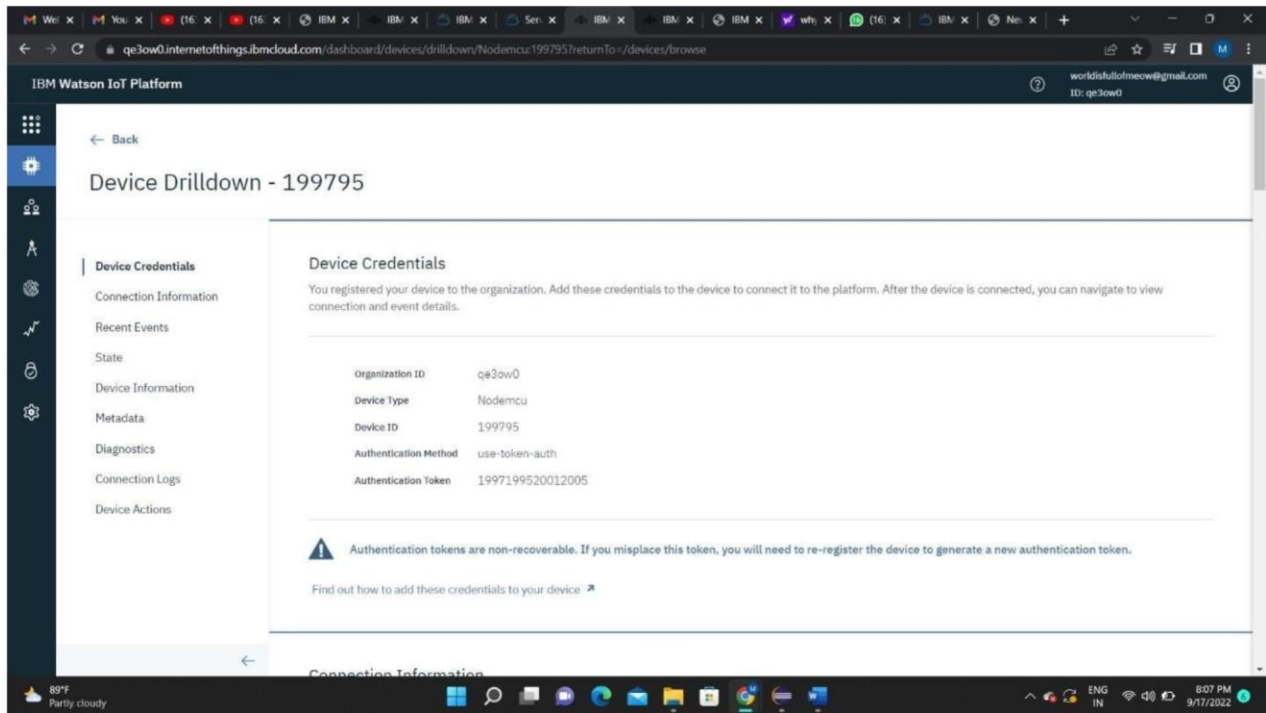
16. Clicking next it goes to the security where we do authentication token id.



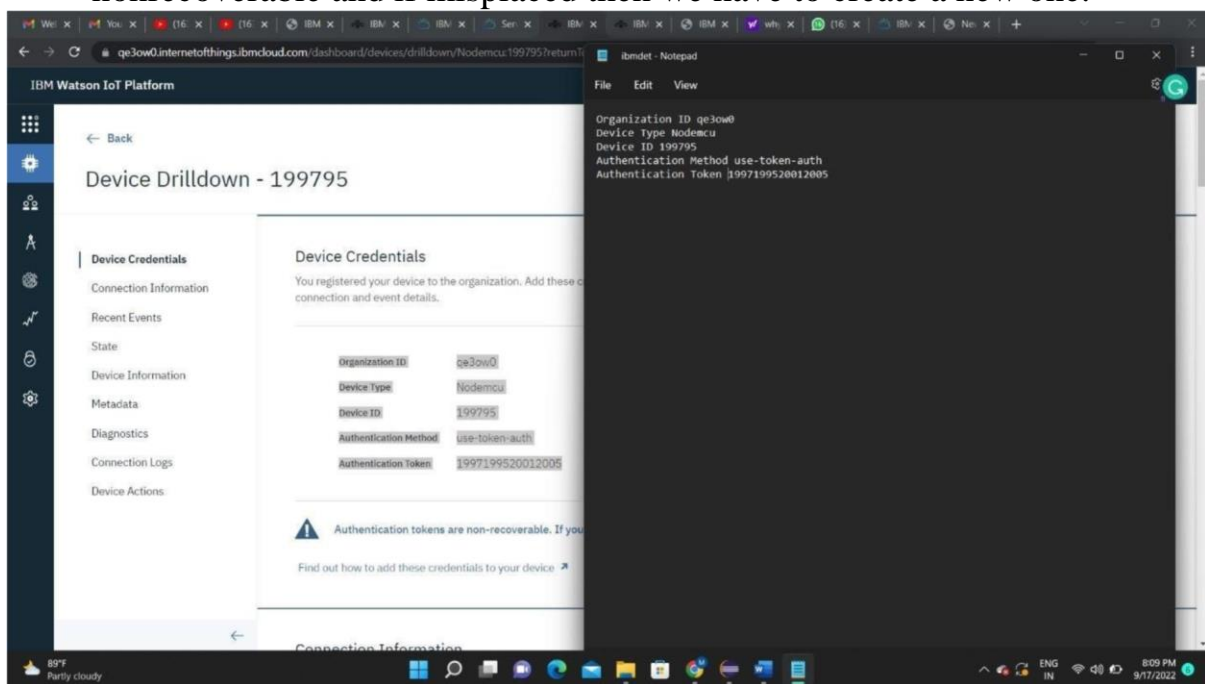
17. Clicking on next it goes to the summary of the device then click finish



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

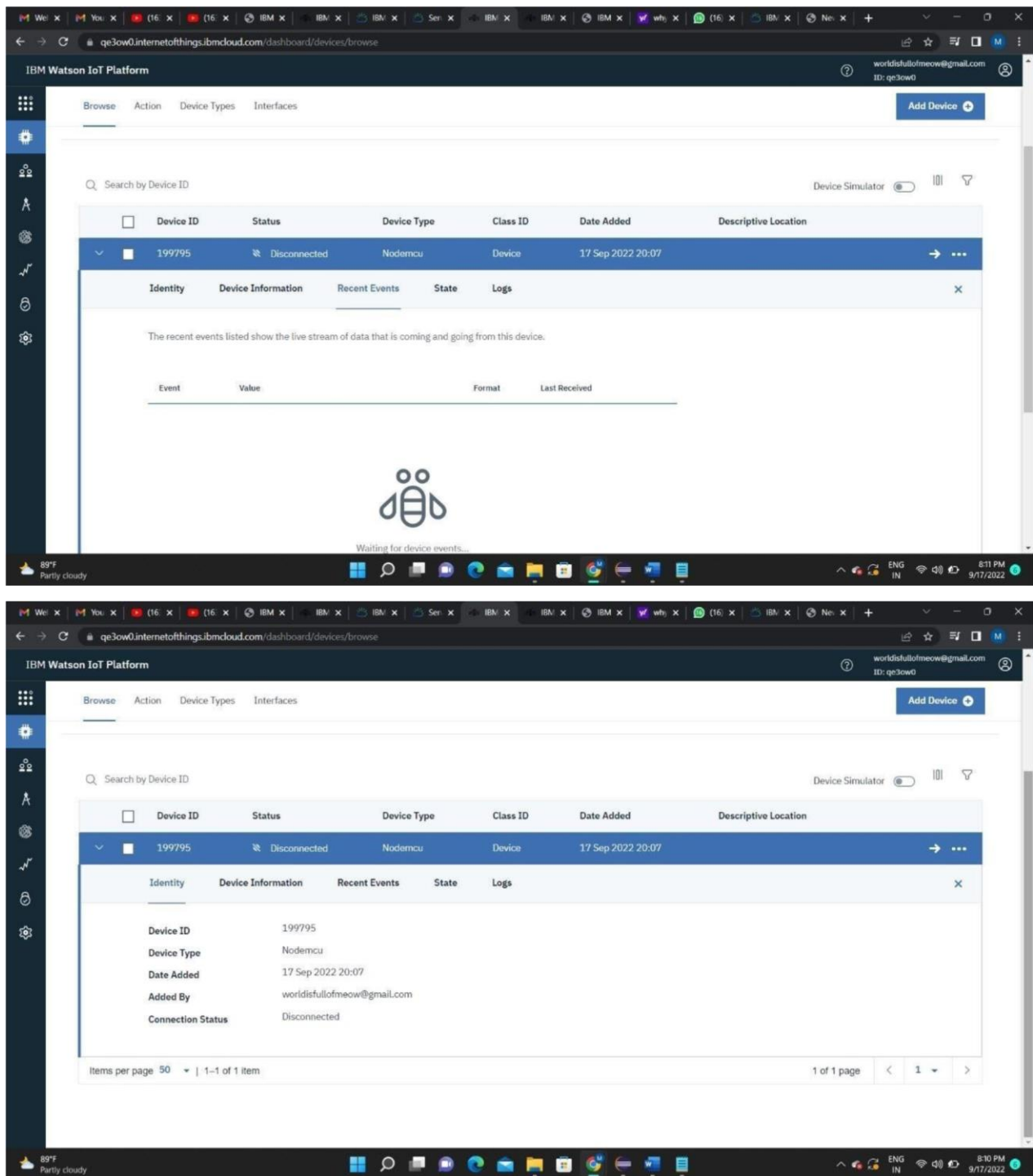


19.Safe the details of the device as the authentication tokens are nonrecoverable and if misplaced then we have to create a new one.



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

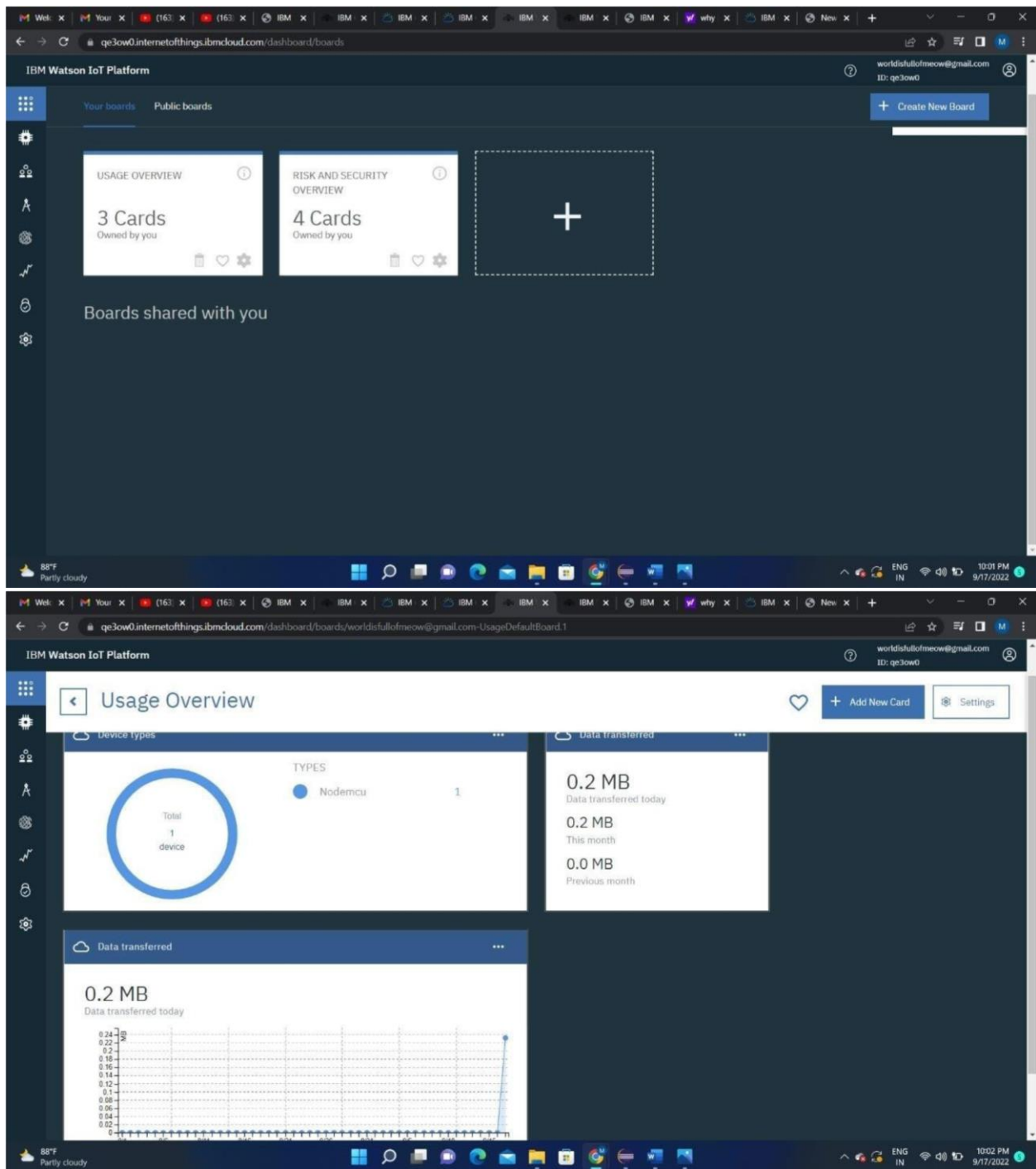
It has different tabs like Identity, Device Information, State and login.



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