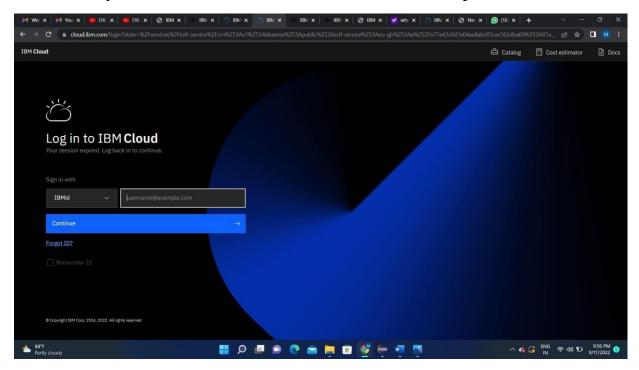
## CREATE IBM WATSON IOT PLATFORM AND DEVICE

### AIM:

To create the IBM Watson IoT platform and device

# **STEPS:**

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

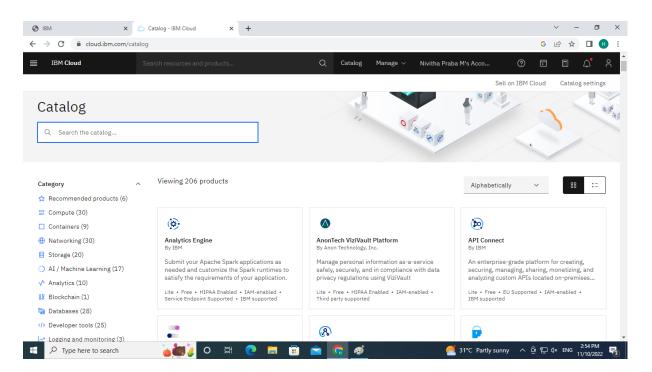


2. Home page of IBM cloud

#### **Team ID** PNT2022TMID10282 x 👛 IBM Cloud ← → C 🔒 cloud.ibm.com G 🖻 ☆ 🔲 🕕 : IBM Cloud JI: Dashboard ~ Edit dashboard 🙋 Upgrade account ⋮≡ For you Select an option 🗸 æ Ö Build 고 Explore IBM Cloud Shell Visit the IBM Cloud catalog Set up your IBM Cloud Build a web app with Get Sta Explore IBM Cloud with this account Watson Speech to Text Studio (33) Try a command-driven Explore our unique product tutorials and services. approach for creating, catalog that contains 190+ Learn how to set up your Deploy a conversational Get sta 0 IBM Cloud account, manage developing, and deploying a services and software for interface compatible with and Clo your business solutions. your account settings, any application, device, or web project. > 1in S organize resources, and control access to those (o) resources. G Getting started 2 min Getting started Getting started 10 min Getting started Popula vm 173 View all Planned maintenance View all Manage users User access All About IBM Storage's Price and Supply Guarantee Enter email addresses below to jump directly into the invite user setup: IBM Tech Now: November 7, 2022

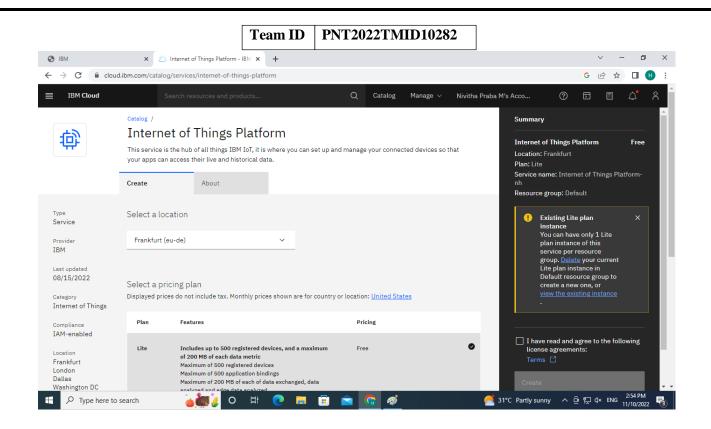
3. Click on the catalog on the top

∠ Type here to search

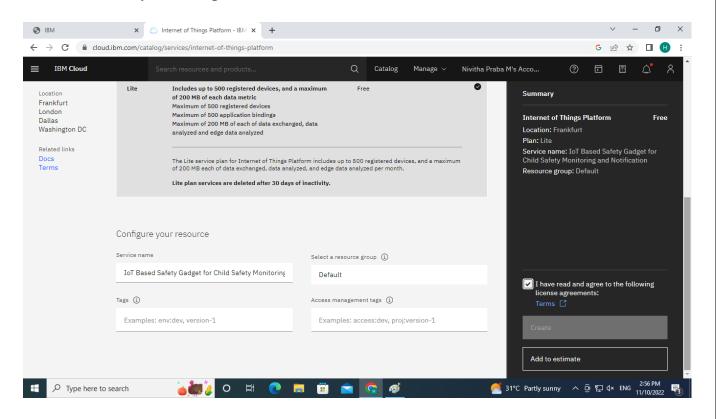


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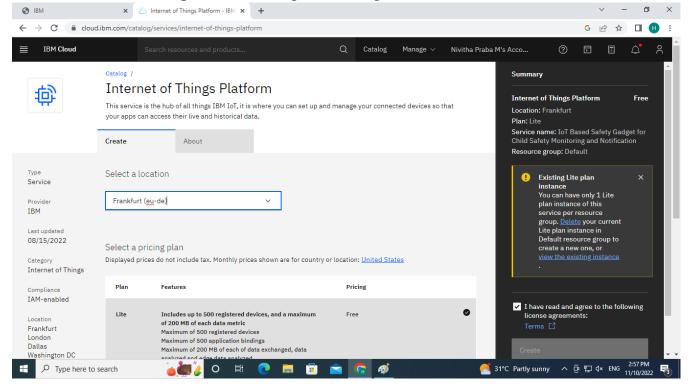
4. Click on IoT in the category mentioned



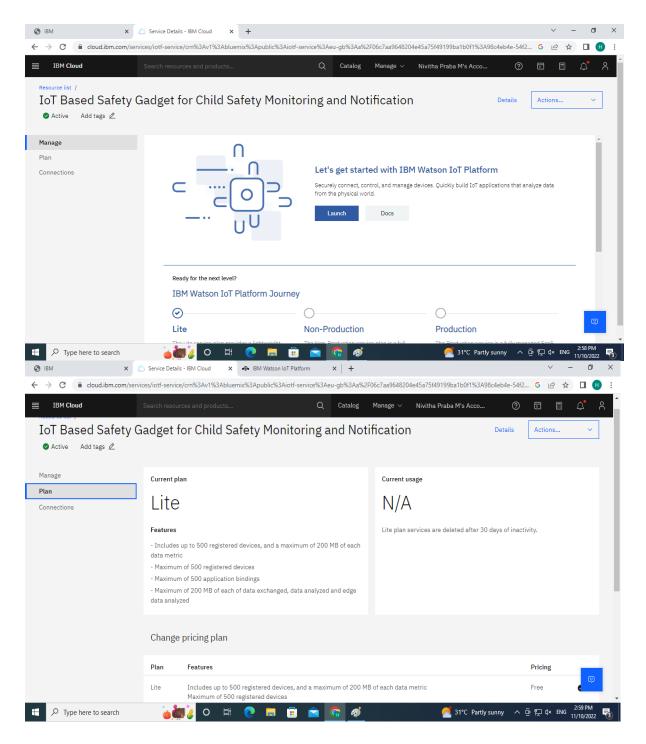
5. If already a lite is present delete it else u can't create another



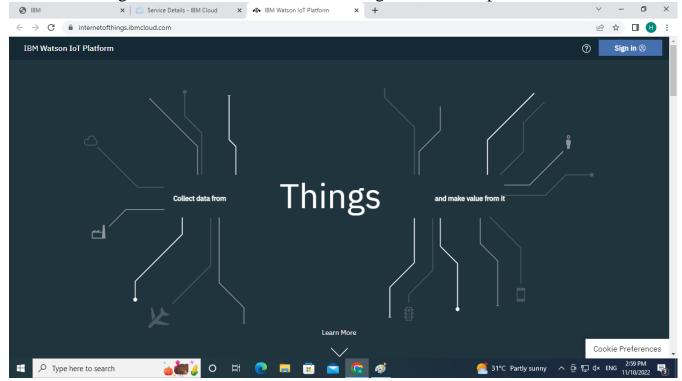
6. Enter the location and in the configure your resource type the service name and choose the plan, tick the agree with agreements and then click on create



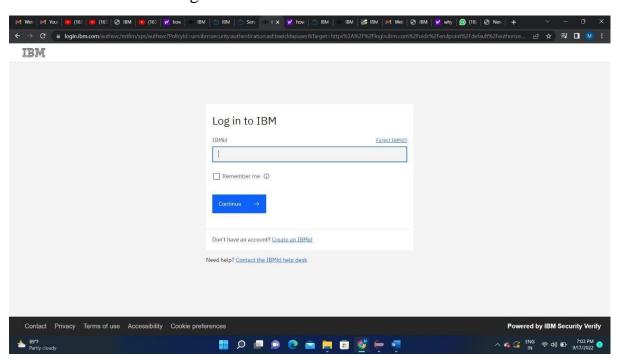
7. Internet of Things Platform Child\_safety will be created, where there are different options like manage, plan, and connection (manage is for launch, Plan gives us the idea about the payment package and its upgrades, and lastly the connection is for to connect IoT with other servies)

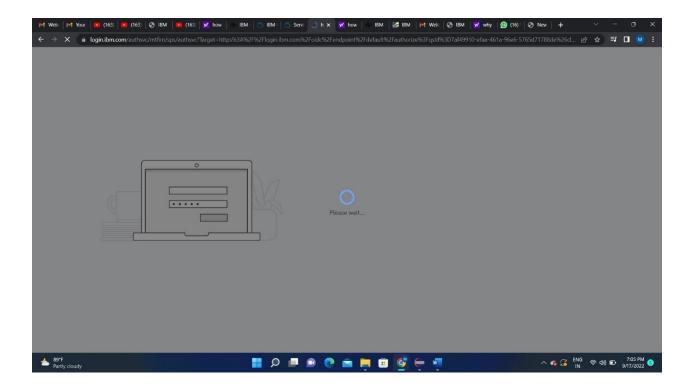


8. Clicking on the launch button in the manage tab, it will open to this

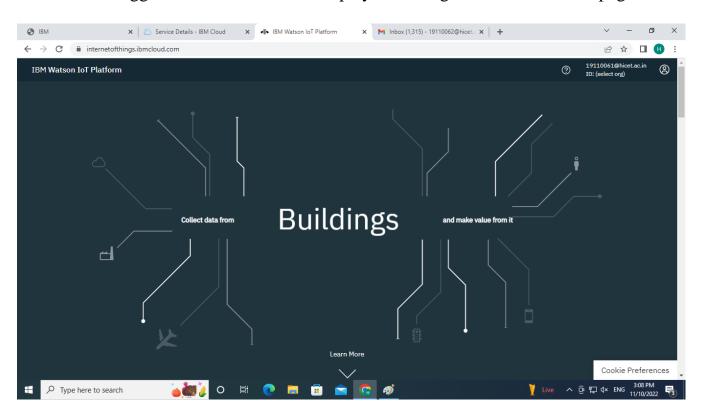


9. Enter the details to sign in to the Watson Cloud to create a device

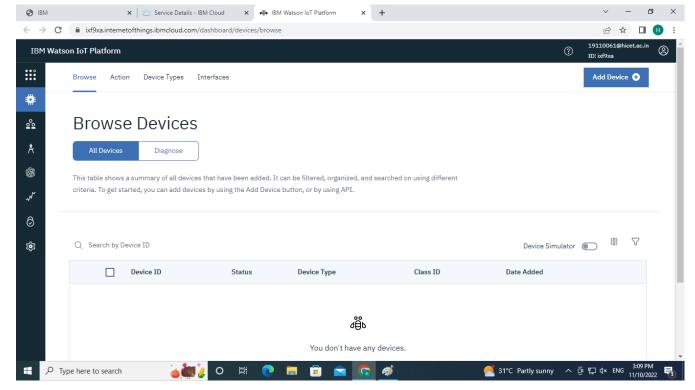




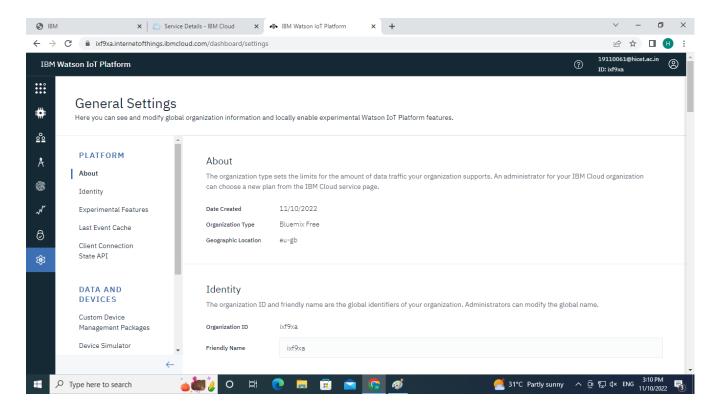
10. Once logged in the name will be displayed and it goes back to the first page



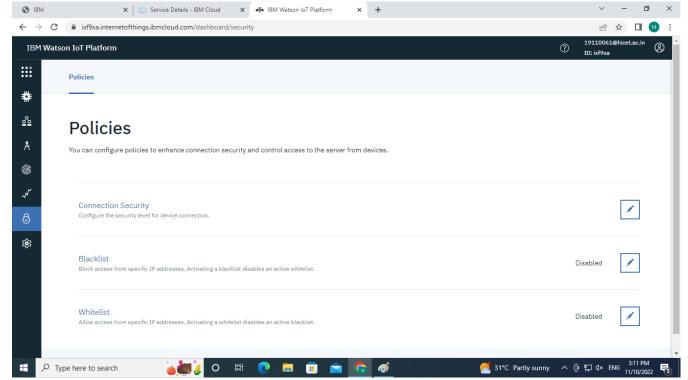
11. And again clicking on the launch button will open this tab, the device will help in the creation of the devices, the addition of devices, and the display of details of the devices.



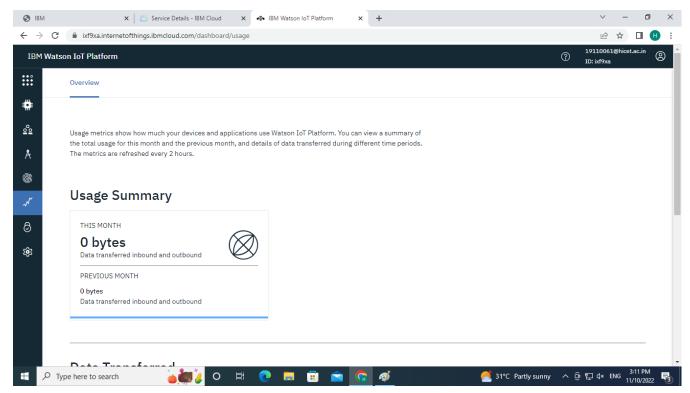
12. The setting tab is used to change the general setting if needed for the project.



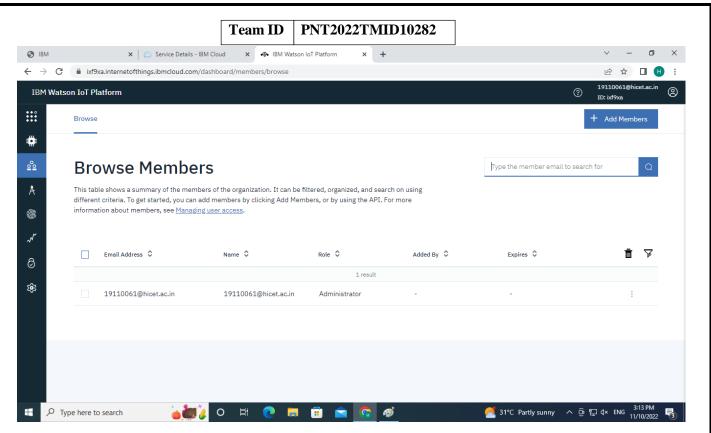
13. In the security tab we can choose the type of security connection and can change according to specification



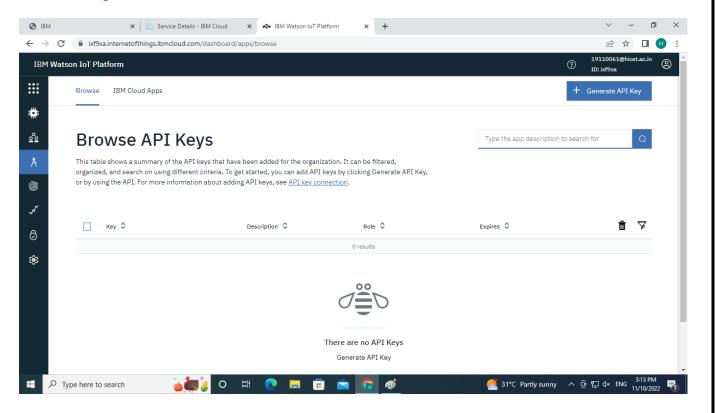
14. Usage gives the summary of how many bytes are used between the devices and the IBM cloud.



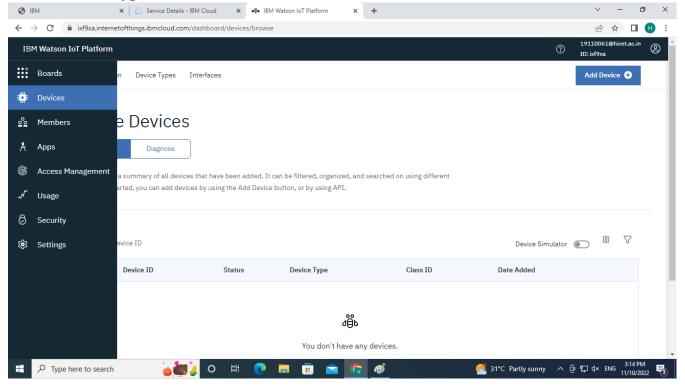
15. The member tab is add the teams members to work in the platform

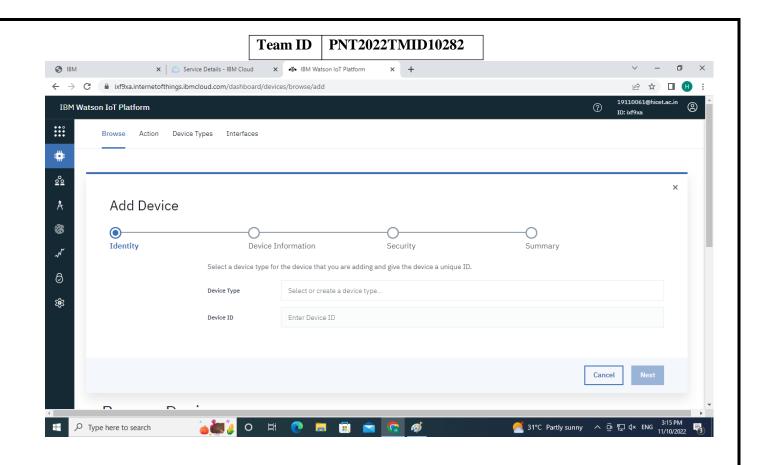


16. This tab is used when you want to connect to some other platform and to integrate with other services.

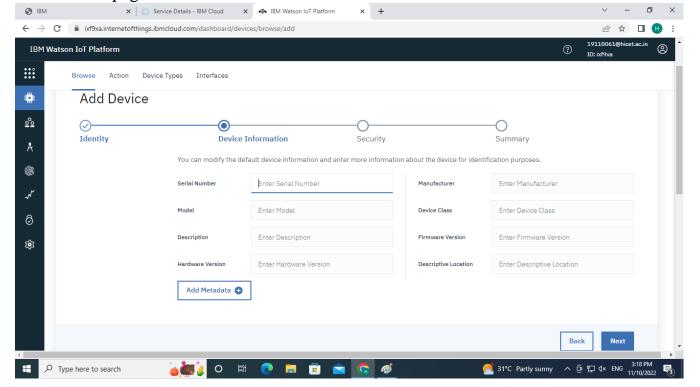


17. Click on the device tab and click on the add device button, then give the device type and device id and click next

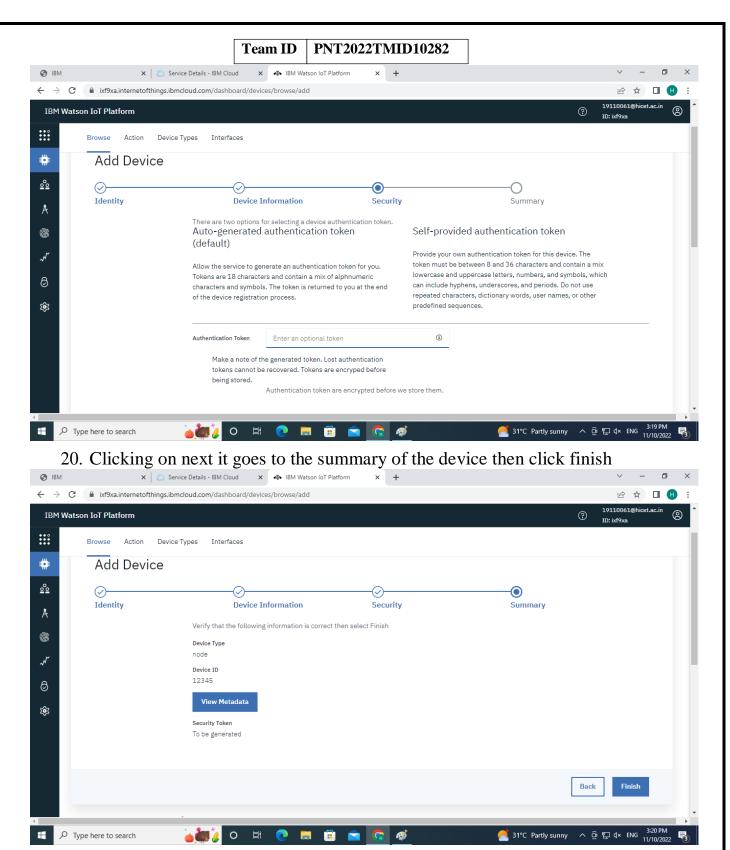




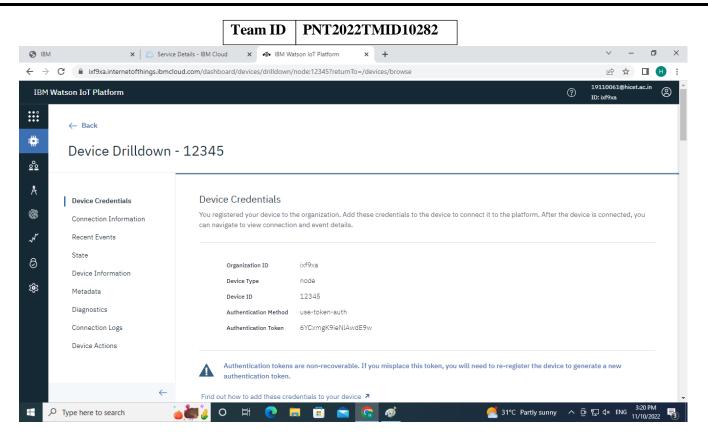
18. This page to enter extra details and of the hardware



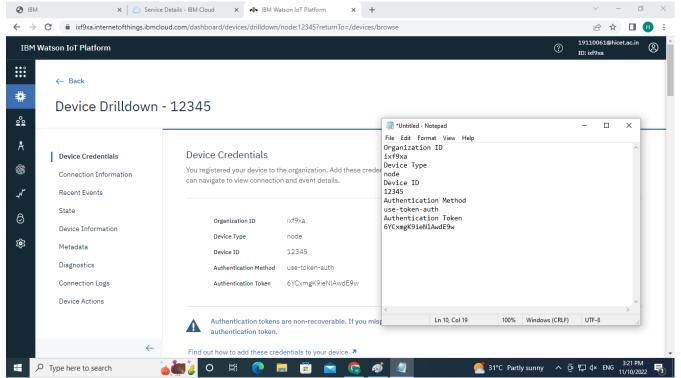
19. Clicking next it goes to the security where we do authentication token id.



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

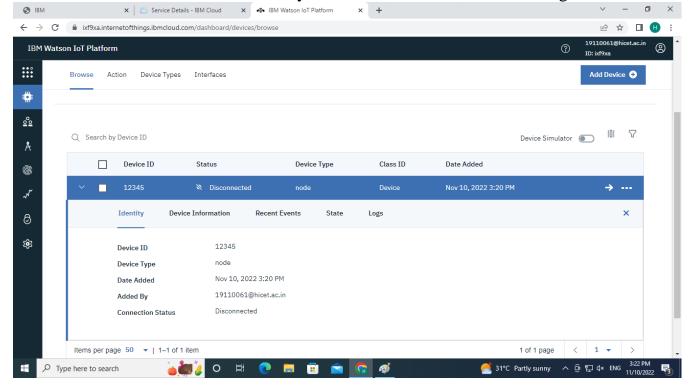


22. Safe the details of the device as the authentication tokens are non-recoverable and if misplaced then we have to create a new one.



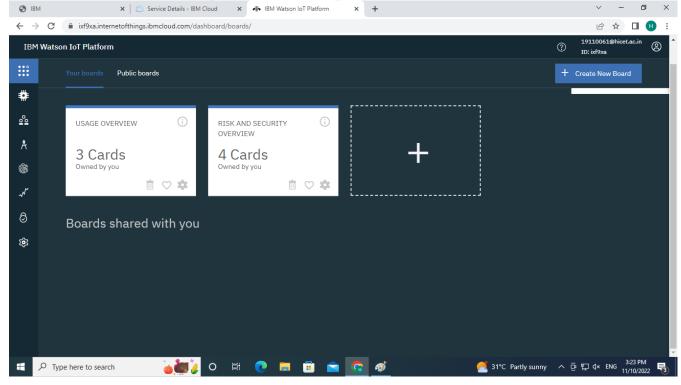
23. Clicking on the device tab we can now see the added device. Clicking on it will display the other details.

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