# CREATE IBM WATSON IOT PLATFORM AND DEVICE

TEAM ID	PNT2022TMID48583
Project Name	IOT based safety gadget for child safety monitoring and notification

## AIM:

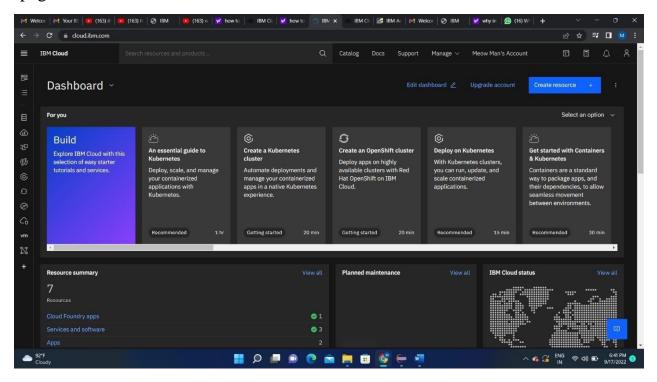
To create the IBM Watson IoT platform and device

## STEPS:

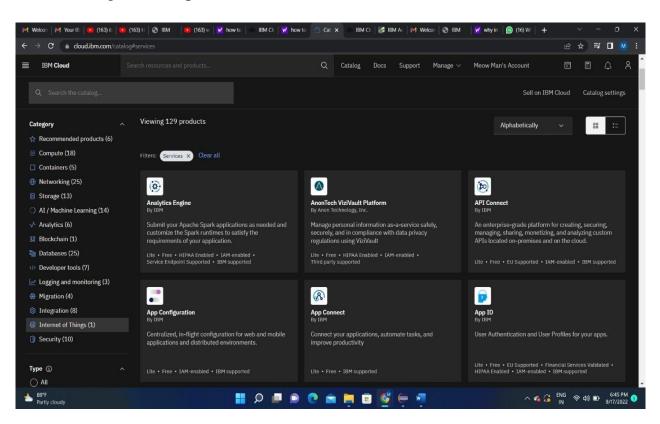
Firstly create an IBM cloud account with IBMid and password



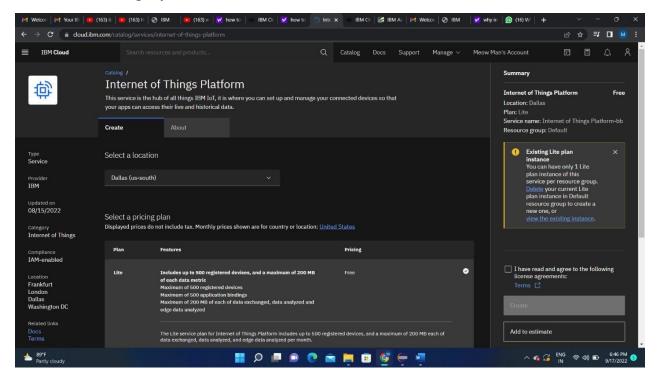
# Home page of IBM cloud



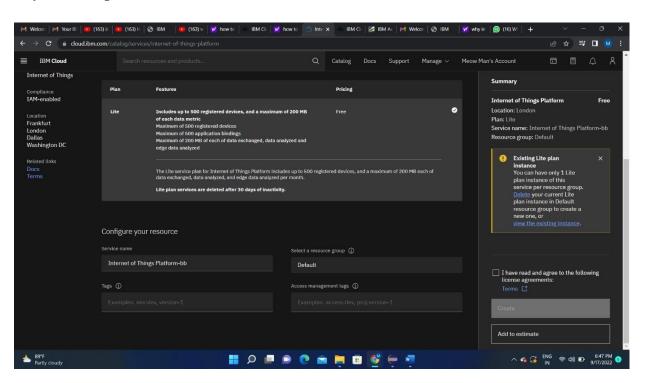
# Click on the catalog on the top



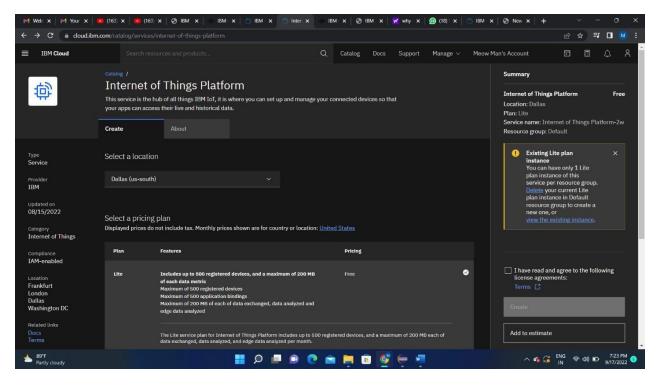
# Click on IoT in the category mentioned

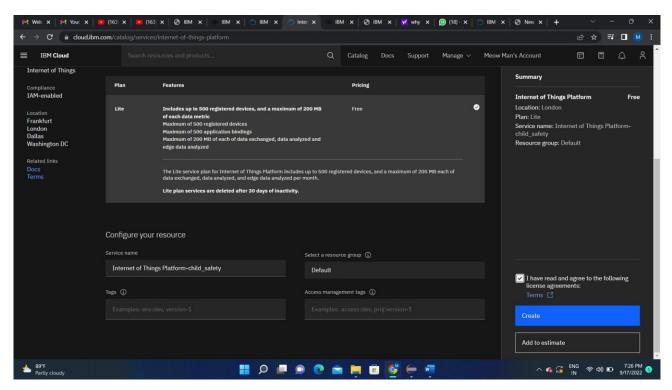


If already a lite is present delete it else u can't create another

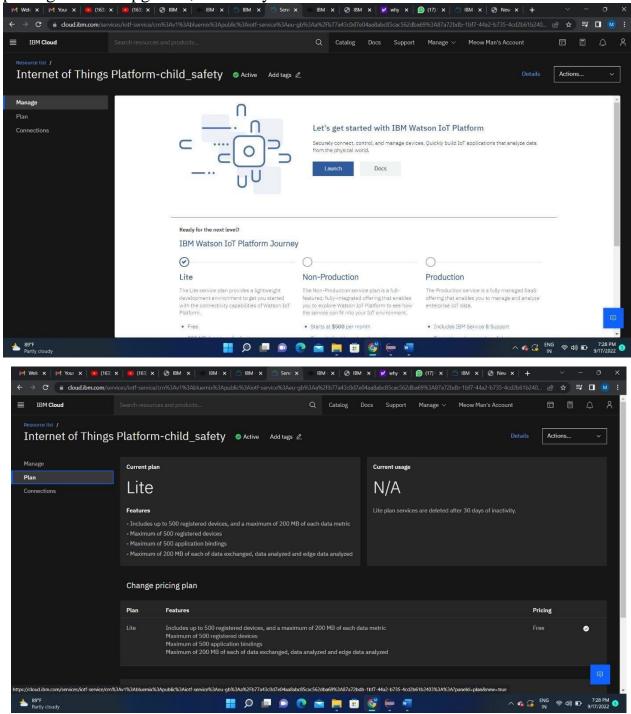


Enter the location and in the configure your resource type the service name and choose the plan, tick the agree with agreements and then click on create

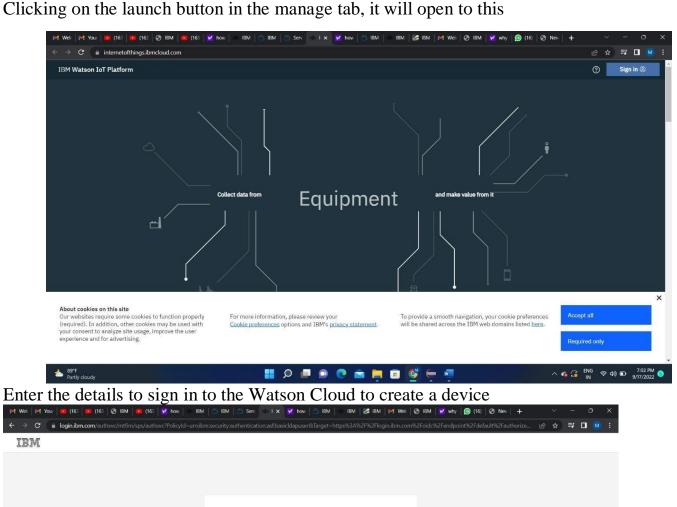


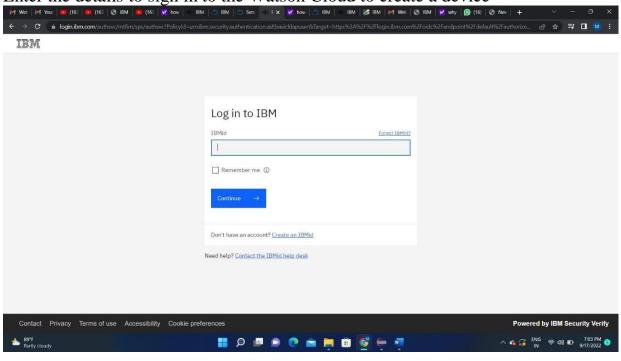


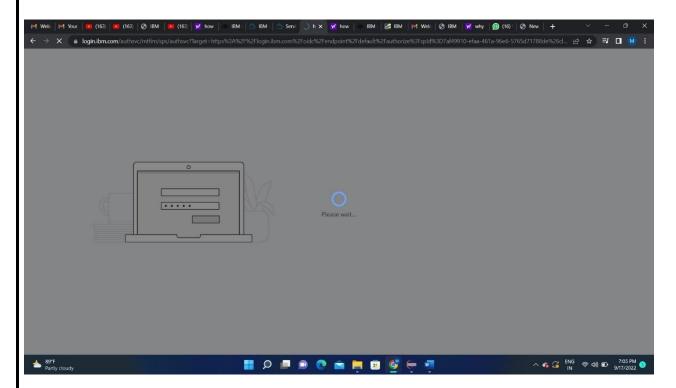
Internet of Things Platform Child\_safety will be created, where there are different options like manage, plan, and connection (manage is for launch, Plangives us the idea about the payment package and its upgrades, and lastly the connection is for to connect IoT with other servies)



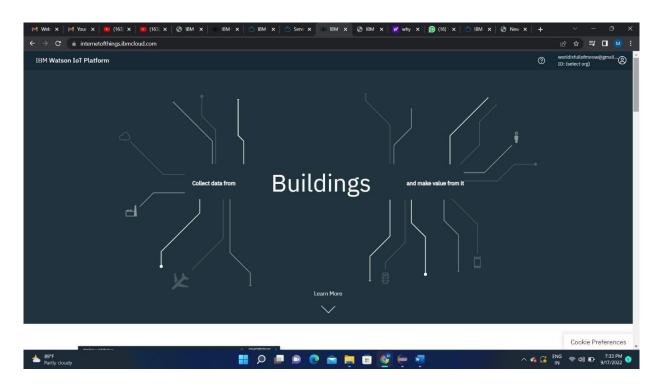
Clicking on the launch button in the manage tab, it will open to this



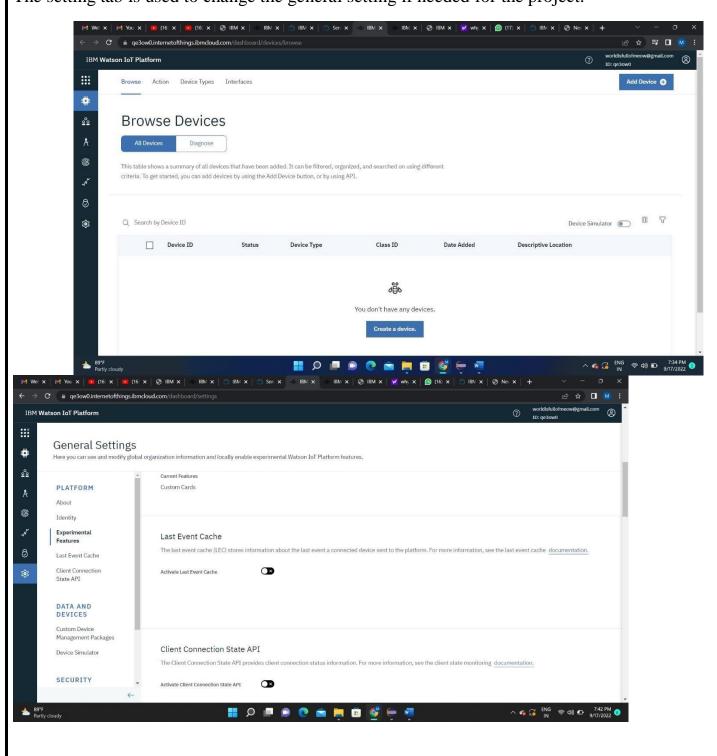




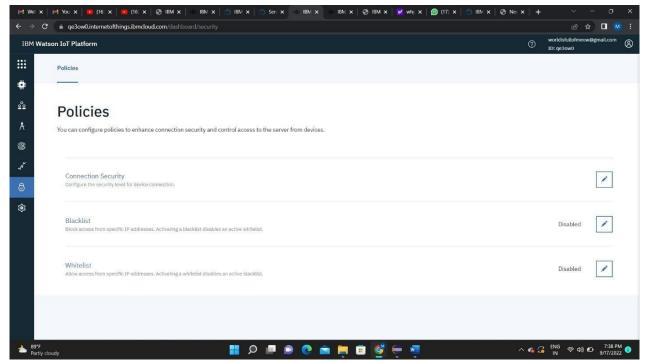
Once logged in the name will be displayed and it goes back to the first page



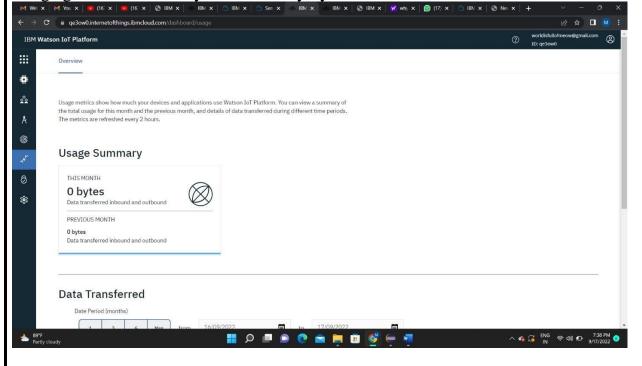
And again clicking on the launch button will open this tab, the device will help in the creation of the devices, the addition of devices, and the display ofdetails of the devices. The setting tab is used to change the general setting if needed for the project.



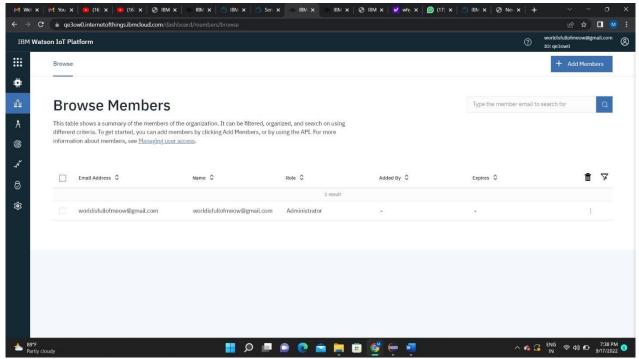
In the security tab we can choose the type of security connection and canchange according to specification



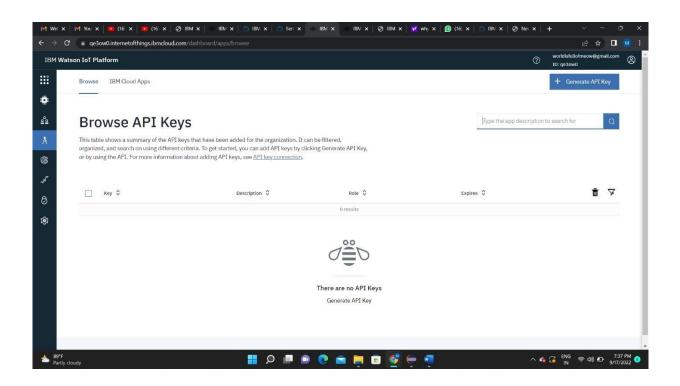
Usage gives the summary of how many bytes are used between the devices and the IBM cloud.



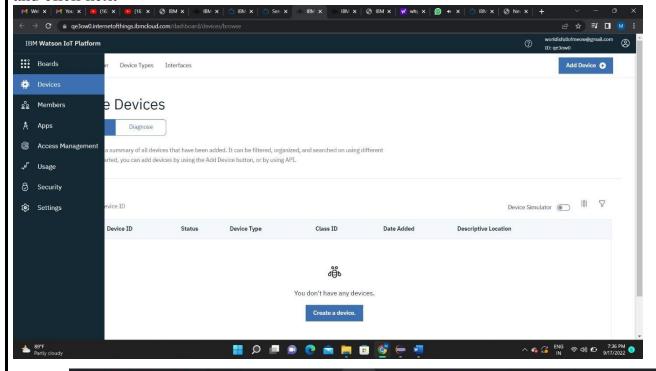
The member tab is add the teams members to work in the platform

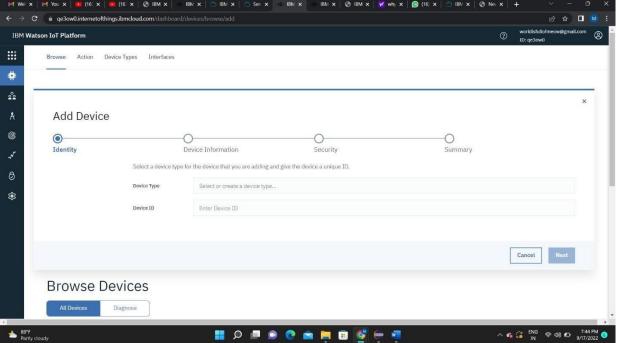


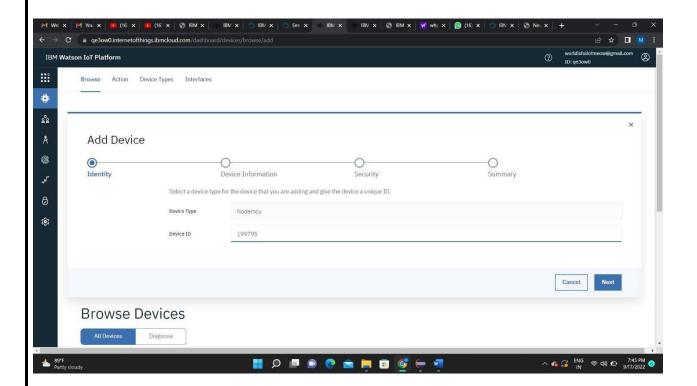
This tab is used when you want to connect to some other platform and to integrate with other services.



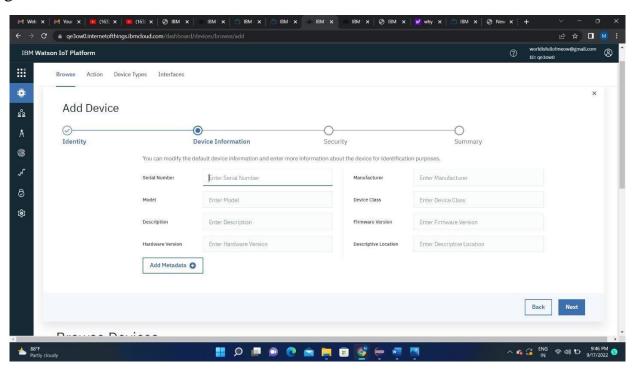
Click on the device tab and click on the add device button, then give the device type and device id and click next



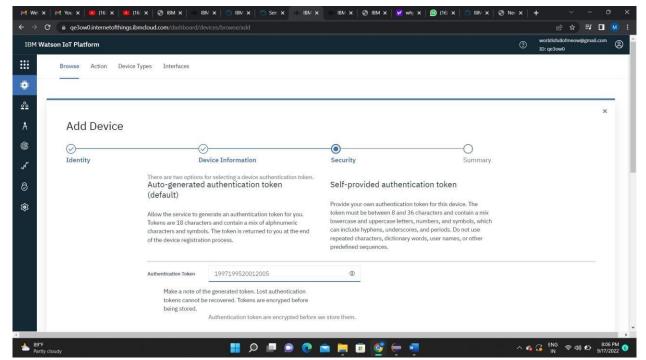




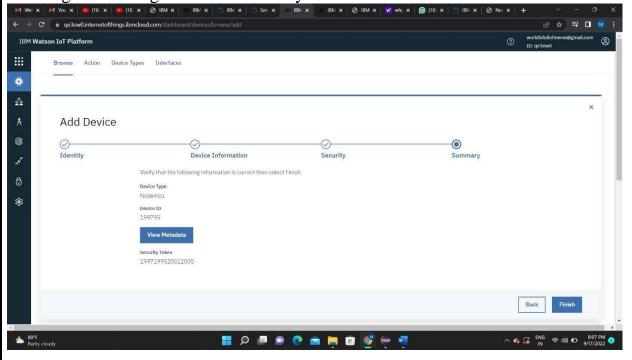
This page to enter extra details and of the hardware



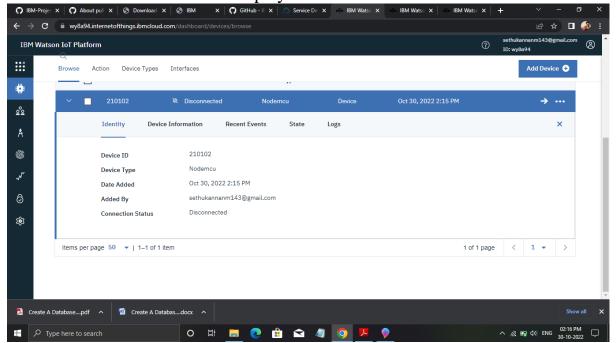
Clicking next it goes to the security where we do authentication token id.



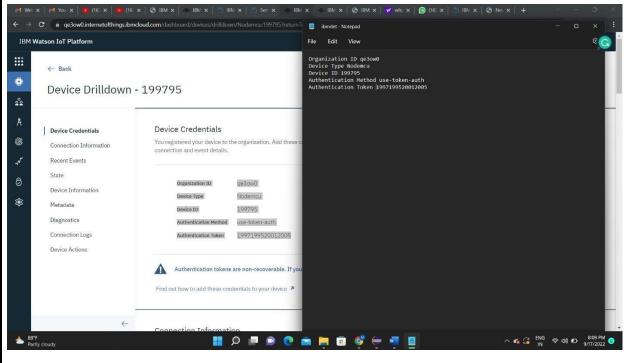
Clicking on next it goes to the summary of the device then click finish



The device credentials will be displayed with all the details

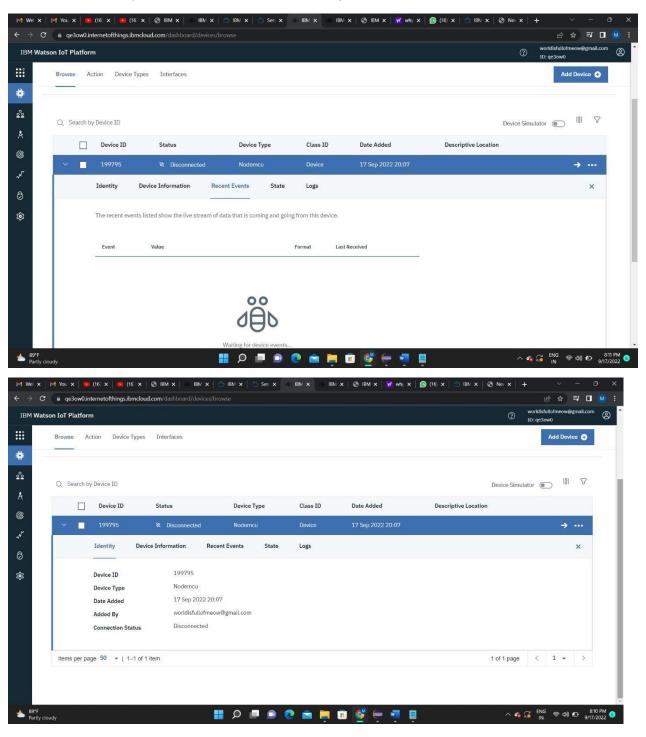


Safe the details of the device as the authentication tokens are nonrecoverable and if misplaced then we have to create a new one.

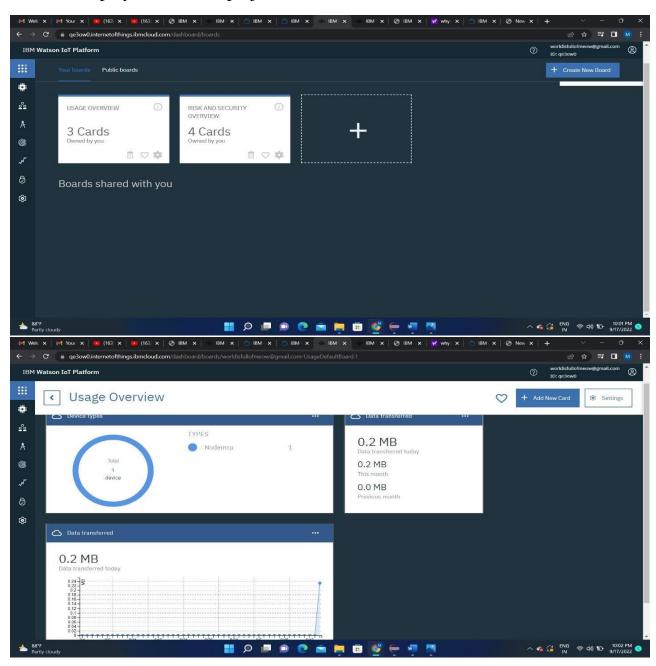


Clicking on the device tab we can now see the added device. Clicking on it will display the other details.

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 asper the requirement of our project. The Boards will display card for the project.



## **RESULT:**

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