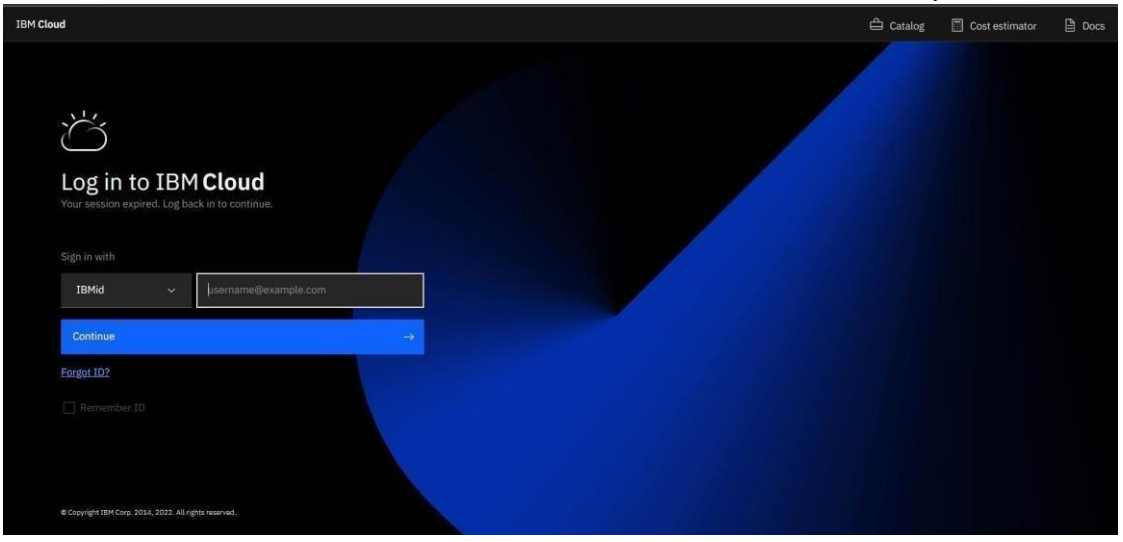
CREATE IBM WATSON IOT PLATFORM AND DEVICE

Project name	Iot Based Smart Crop Protection System for Agriculture
Team ID	PNT2022TMID02250

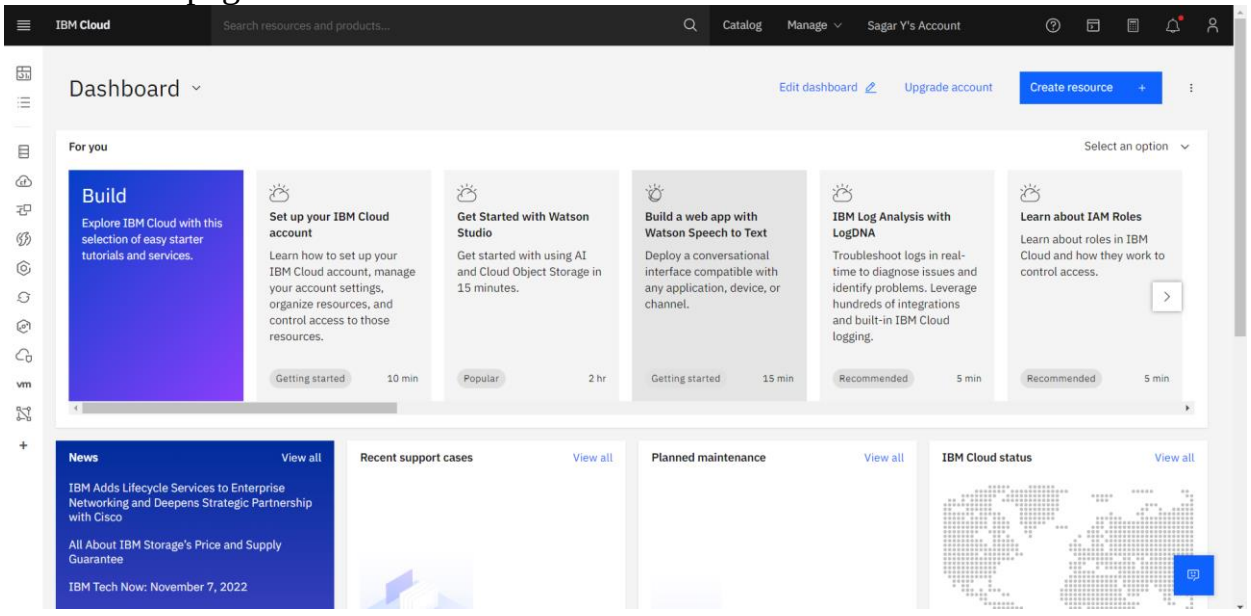
To create the IBM Watson IOT platform and device

STEPS:

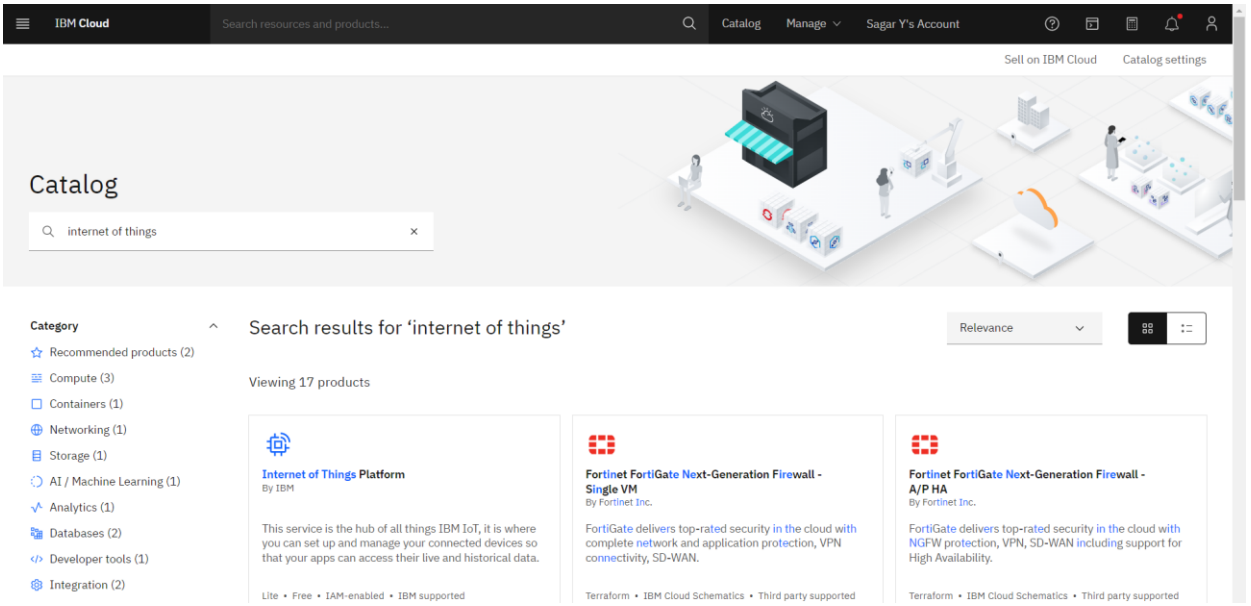
1. create an IBM cloud account with the individual IBM id and password



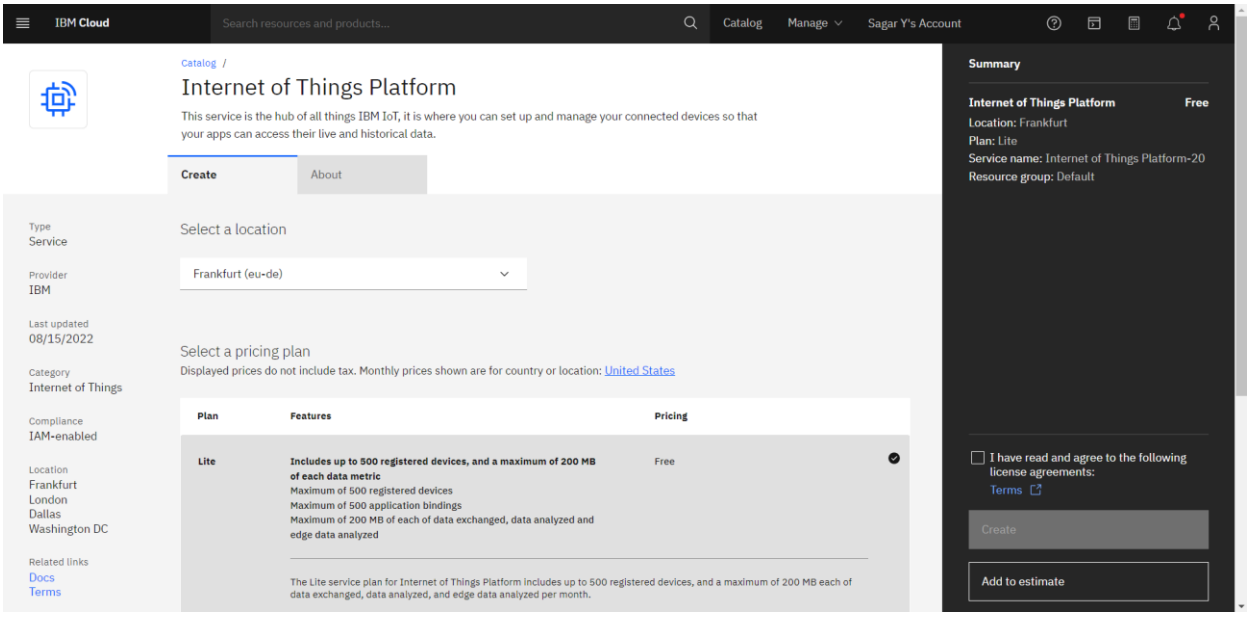
2. Home page of IBM cloud



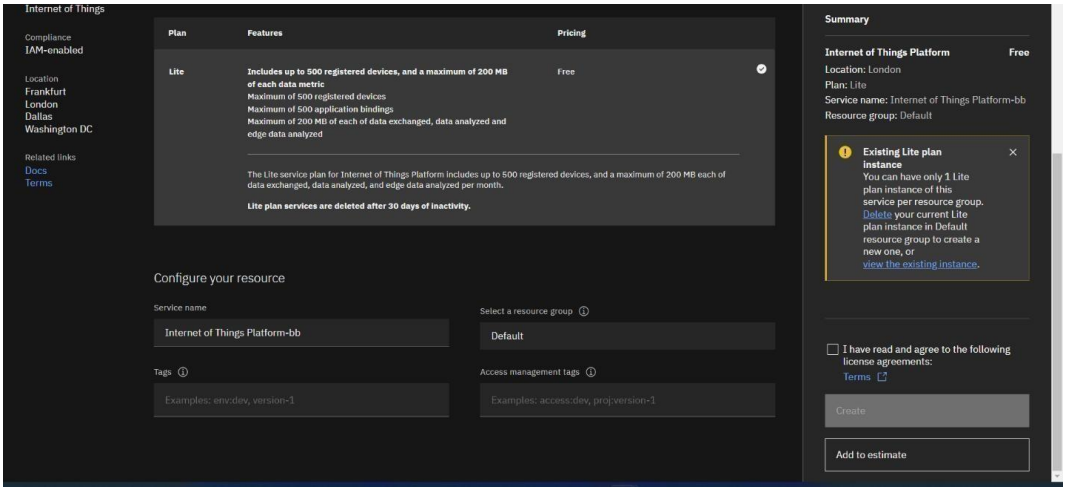
3. Click on the catalog on the top



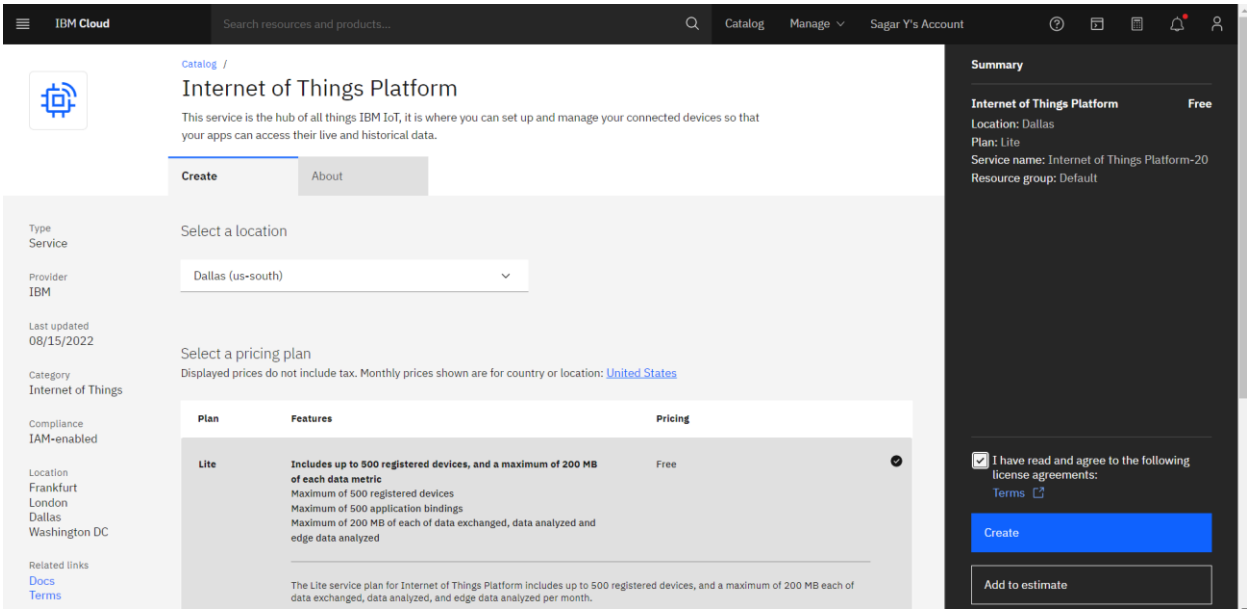
4. Click on IoT in the category mentioned

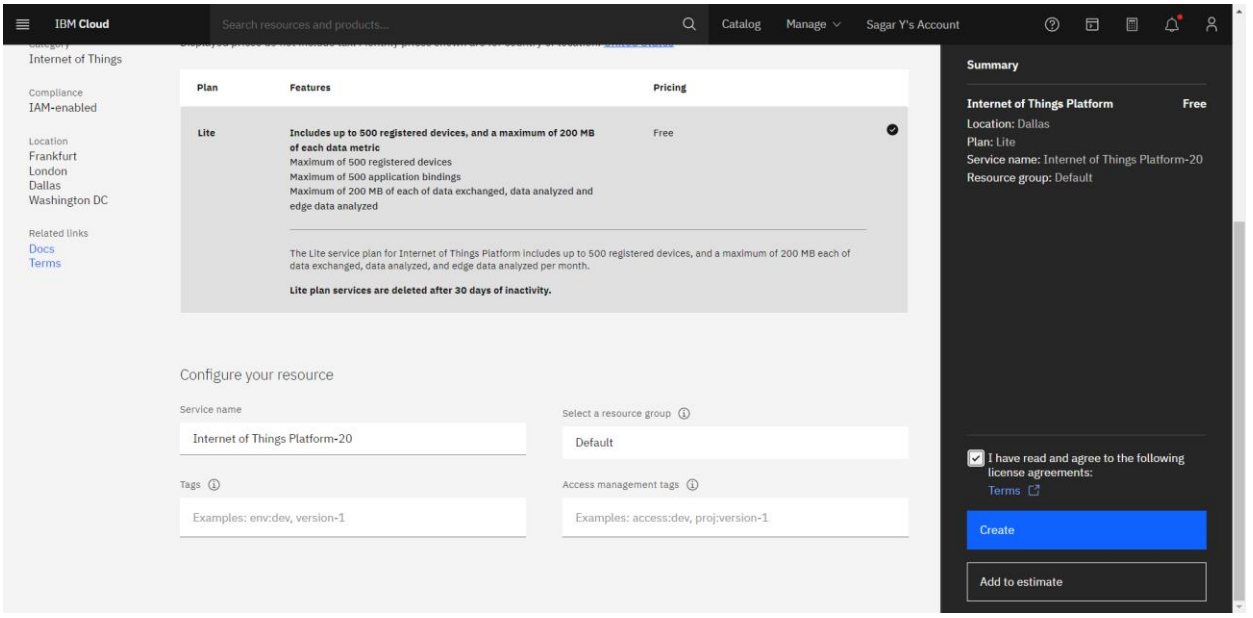


5. If already a lite is present delete it else u can't create another

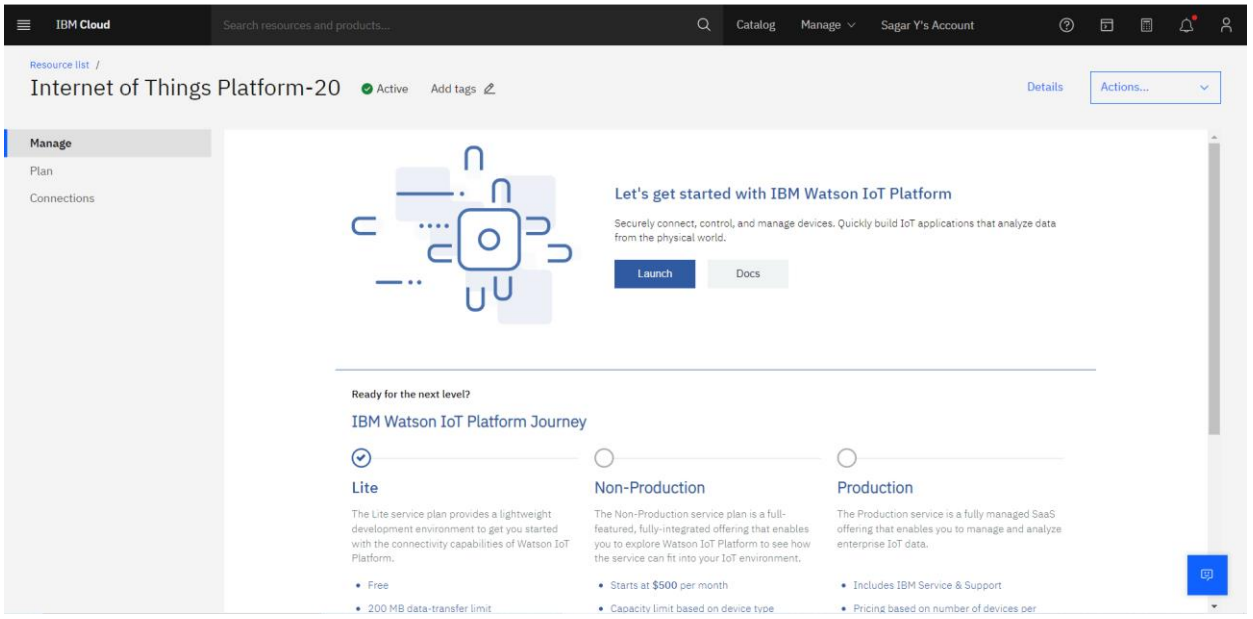


5. Enter the location and in the configure your resource type the service name and choose the plan, tick the agree with agreements and then clickon create

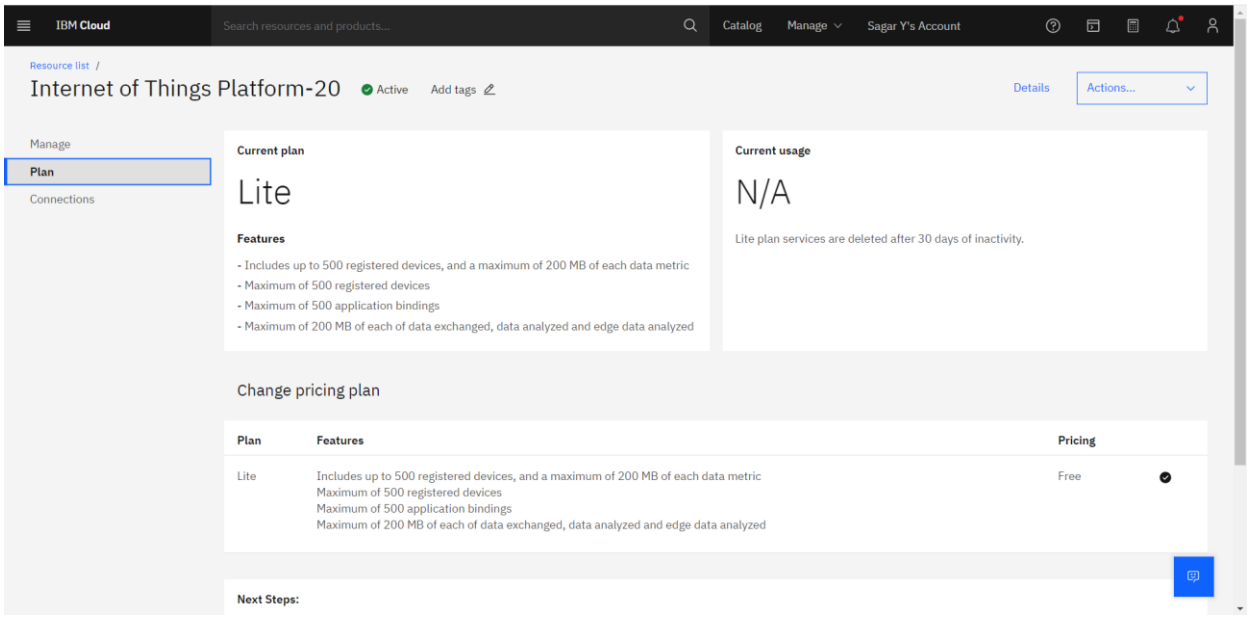




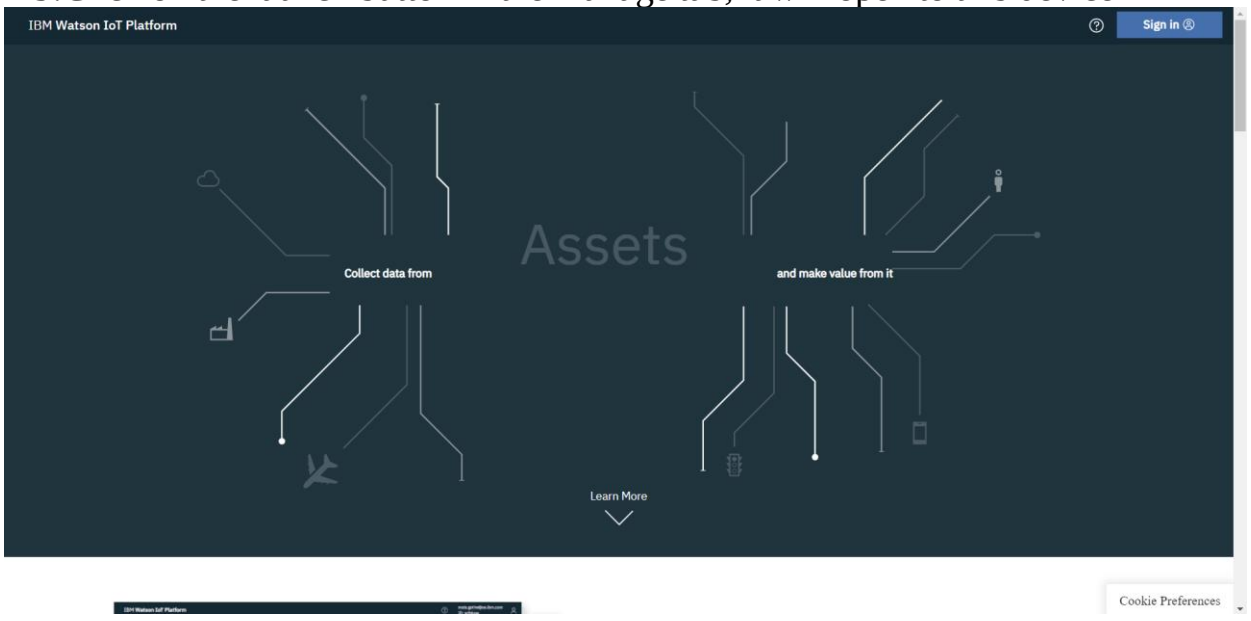
7. Internet of Things Platform Child_safety will be created, where there are different options like manage, plan, and connection


IBM Cloud
Search resources and products...
Catalog
Manage
Sagar Y's Account
Resource list /
Internet of Things Platform-20
Active
Add tags
Details
Actions...
Manage
Plan
Connections
Let's get started with IBM Watson IoT Platform
Securely connect, control, and manage devices. Quickly build IoT applications that analyze data from the physical world.
Launch
Docs
Ready for the next level?
IBM Watson IoT Platform Journey
Lite
The Lite service plan provides a lightweight development environment to get you started with the connectivity capabilities of Watson IoT Platform.
Free
200 MB data-transfer limit
Non-Production
The Non-Production service plan is a full-featured, fully-integrated offering that enables you to explore Watson IoT Platform to see how the service can fit into your IoT environment.
Starts at $500 per month
Capacity limit based on device type
Production
The Production service is a fully managed SaaS offering that enables you to manage and analyze enterprise IoT data.
Includes IBM Service & Support
Pricing based on number of devices per

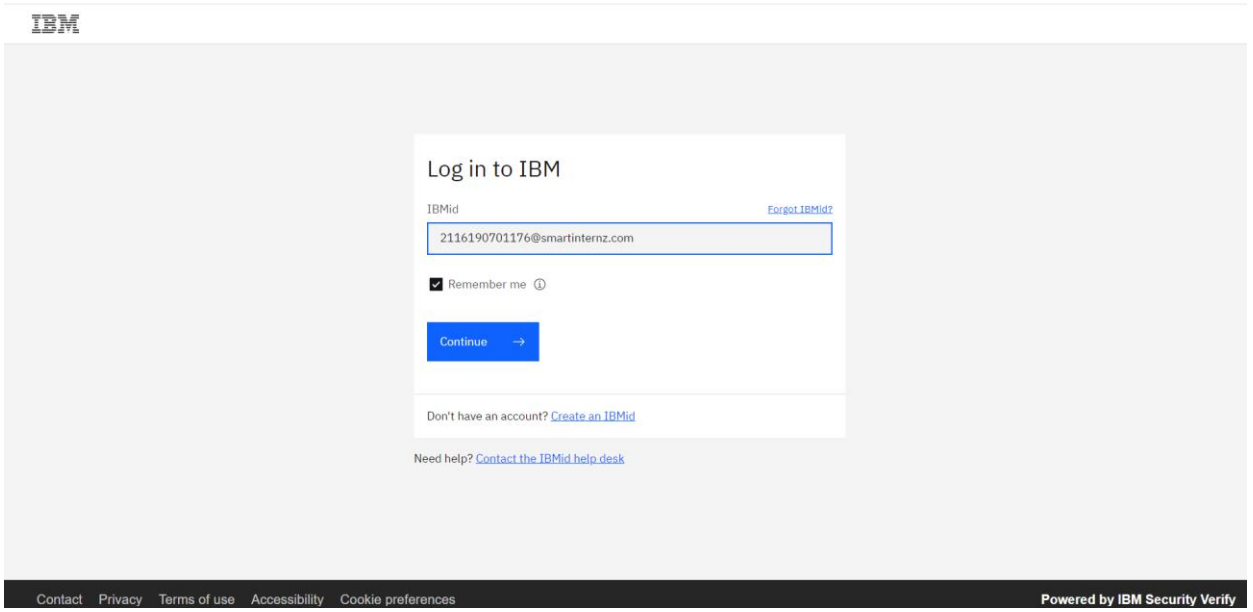
8. Manage is for launch, plan gives us the idea about the payment package and its upgrades, and lastly the connection is for to connect IOT with other services



9.Click on the launch button in the manage tab, it will open to this device

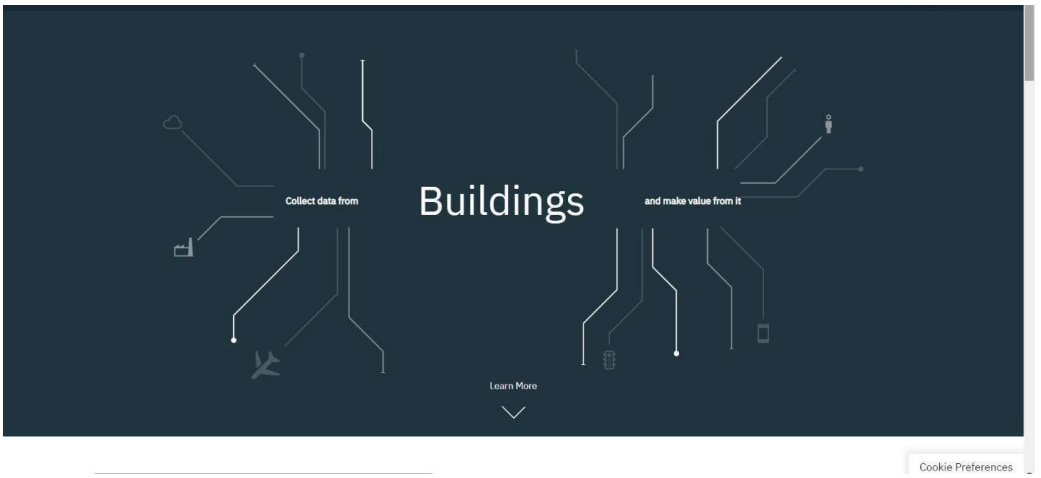


10.Enter the details to sign in to the Watson Cloud to create a device

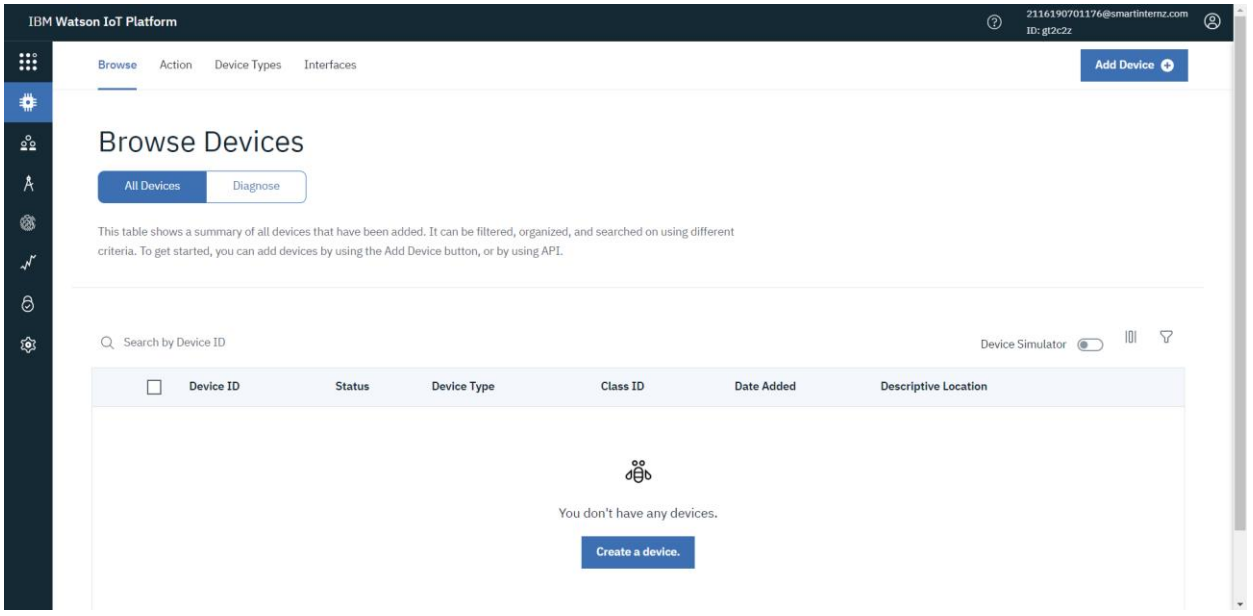


11. Once logged in the name will be displayed and it goes back to the first

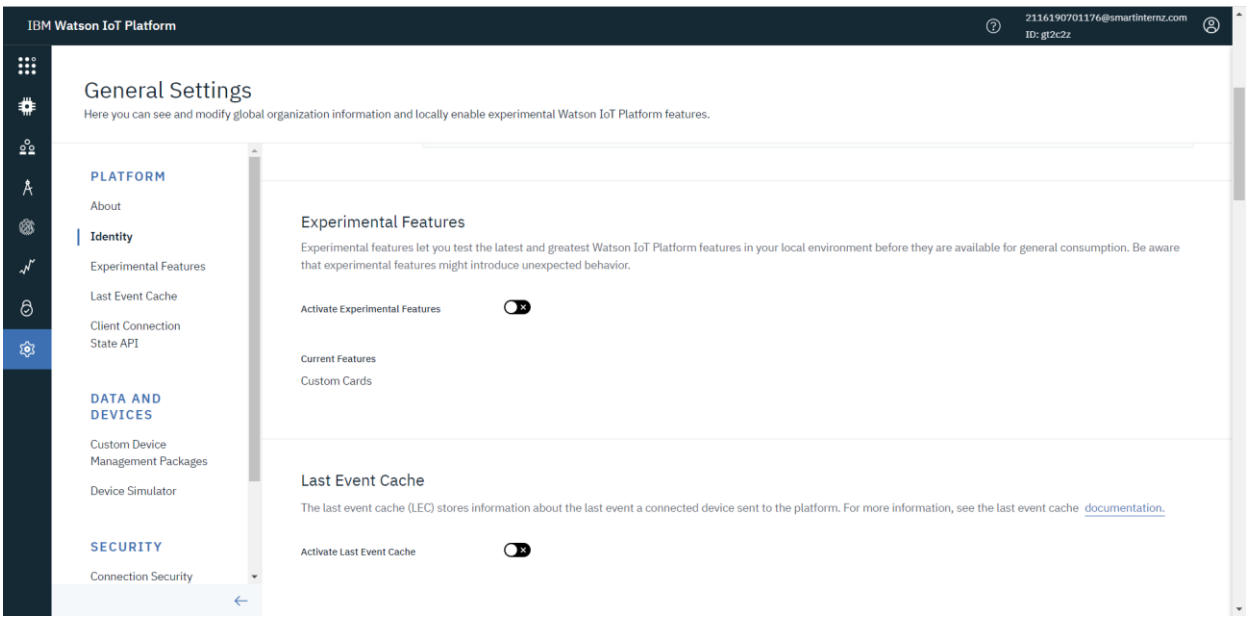
page



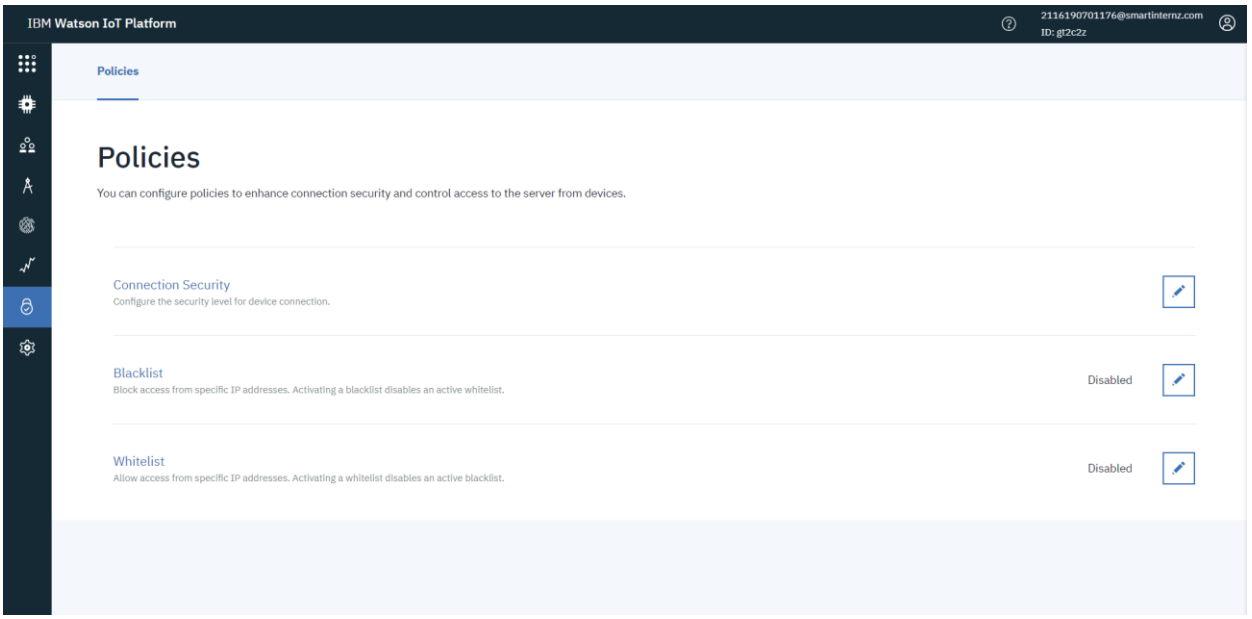
12. And again clicking on the launch button will open this tab, the device will help in the creation of the devices, the addition of devices,and the display of details of the devices.



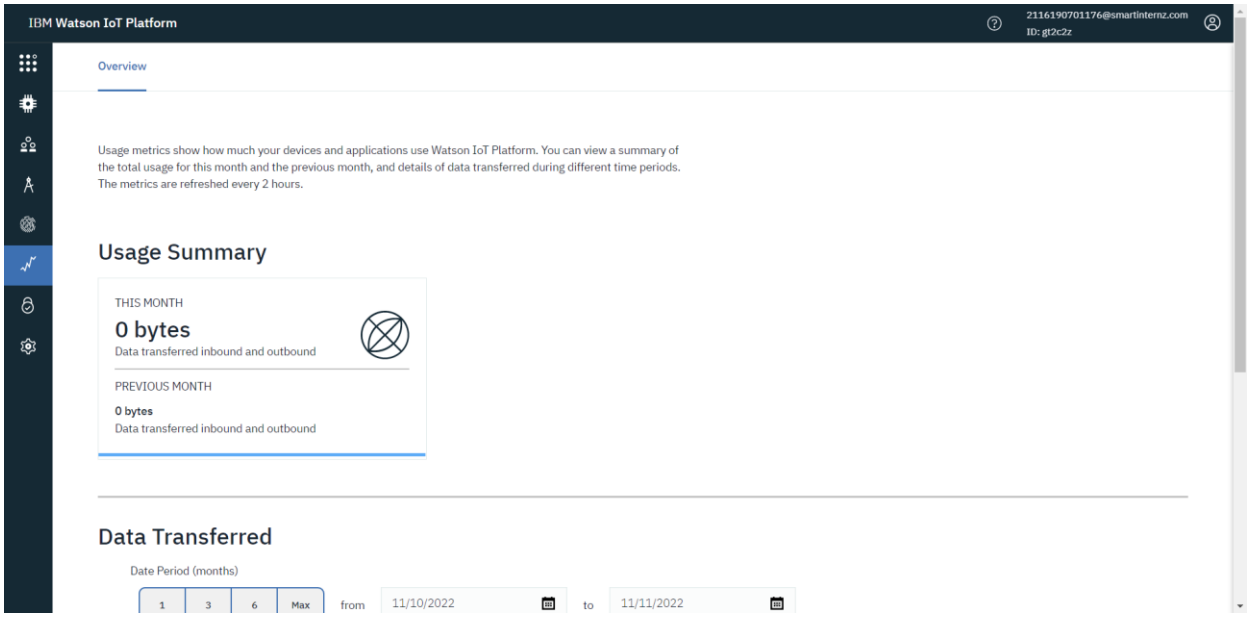
13. The setting tab is used to change the general setting if needed for the project.



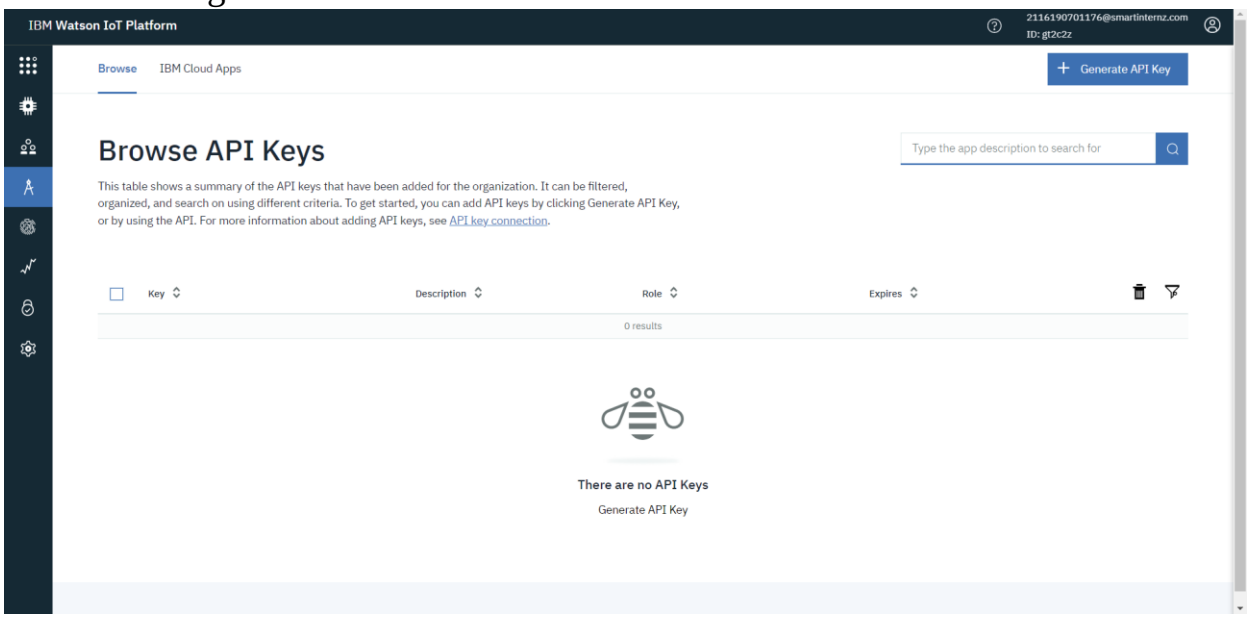
14. In the security tab we can choose the type of security connection and can change according to specification



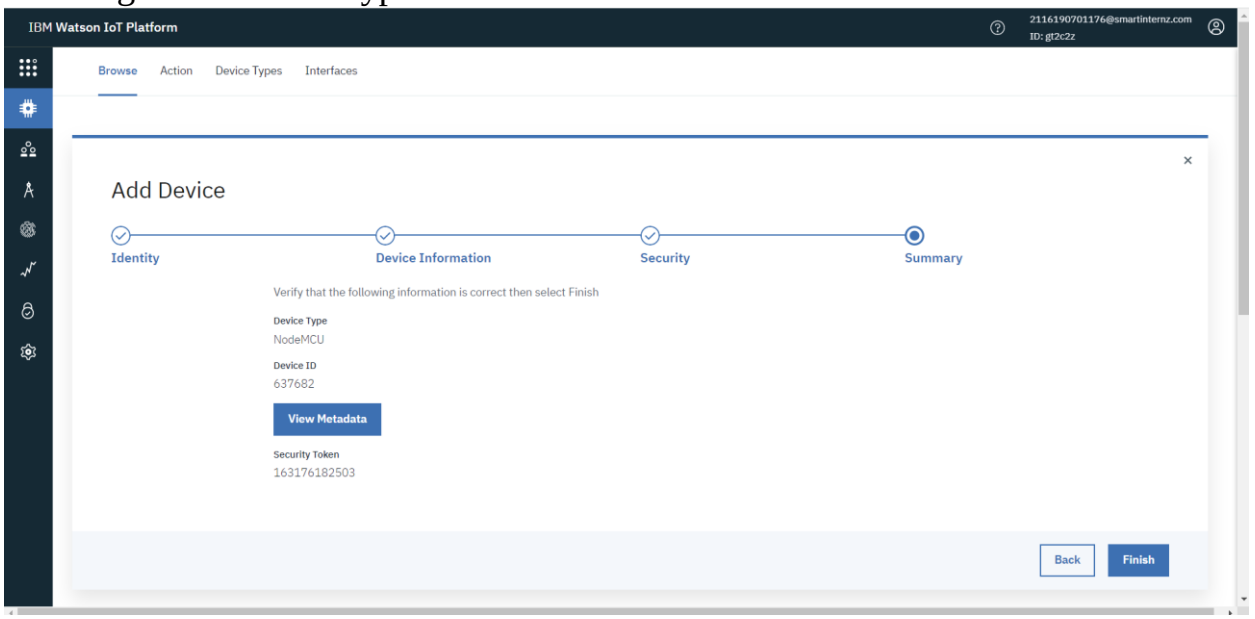
14. Usage gives the summary of how many bytes are used between thedevices and the IBM cloud



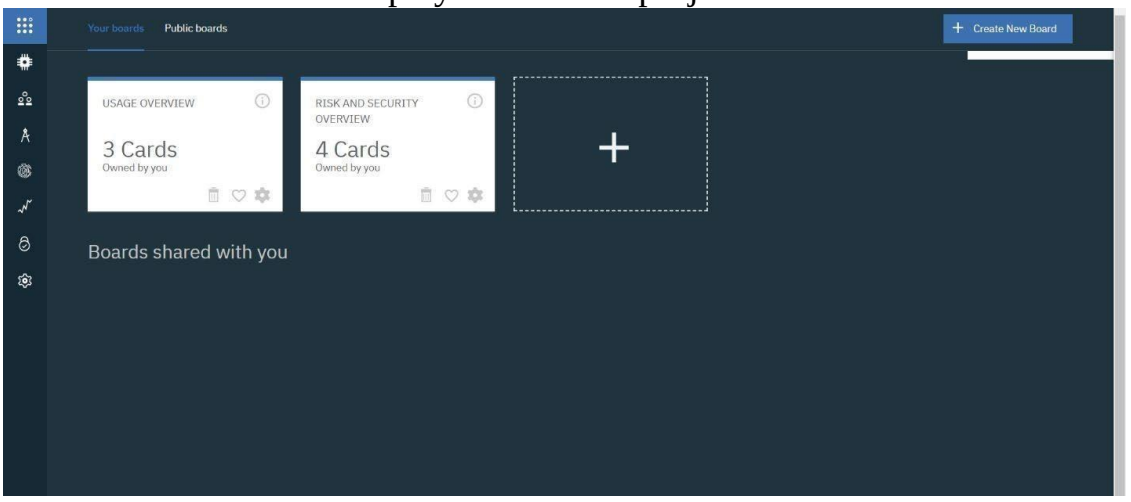
15. This tab is used when you want to connect to some other platform and to integrate with other services.



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



17. The Boards will display card for the project.



CONCLUSION:

An IBM Watson cloud for IoT and a device is created