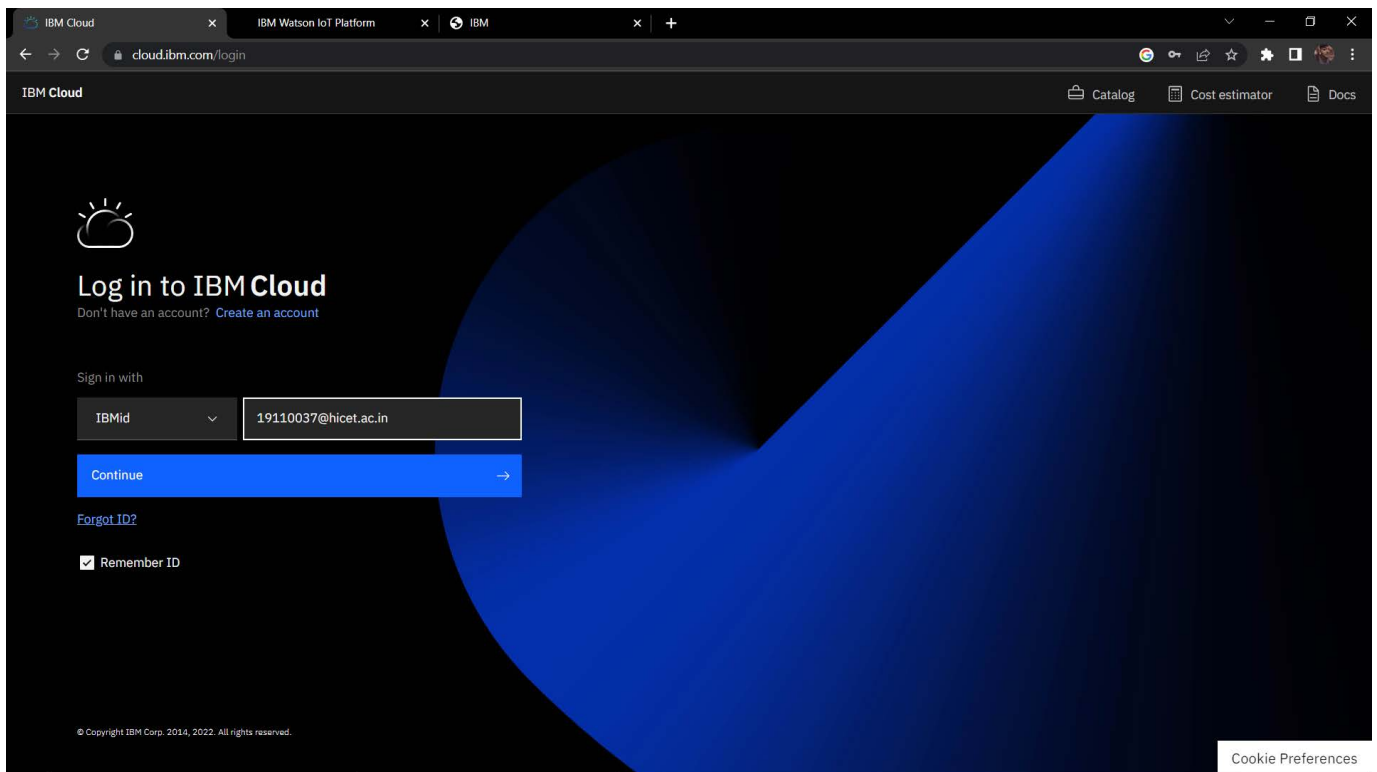


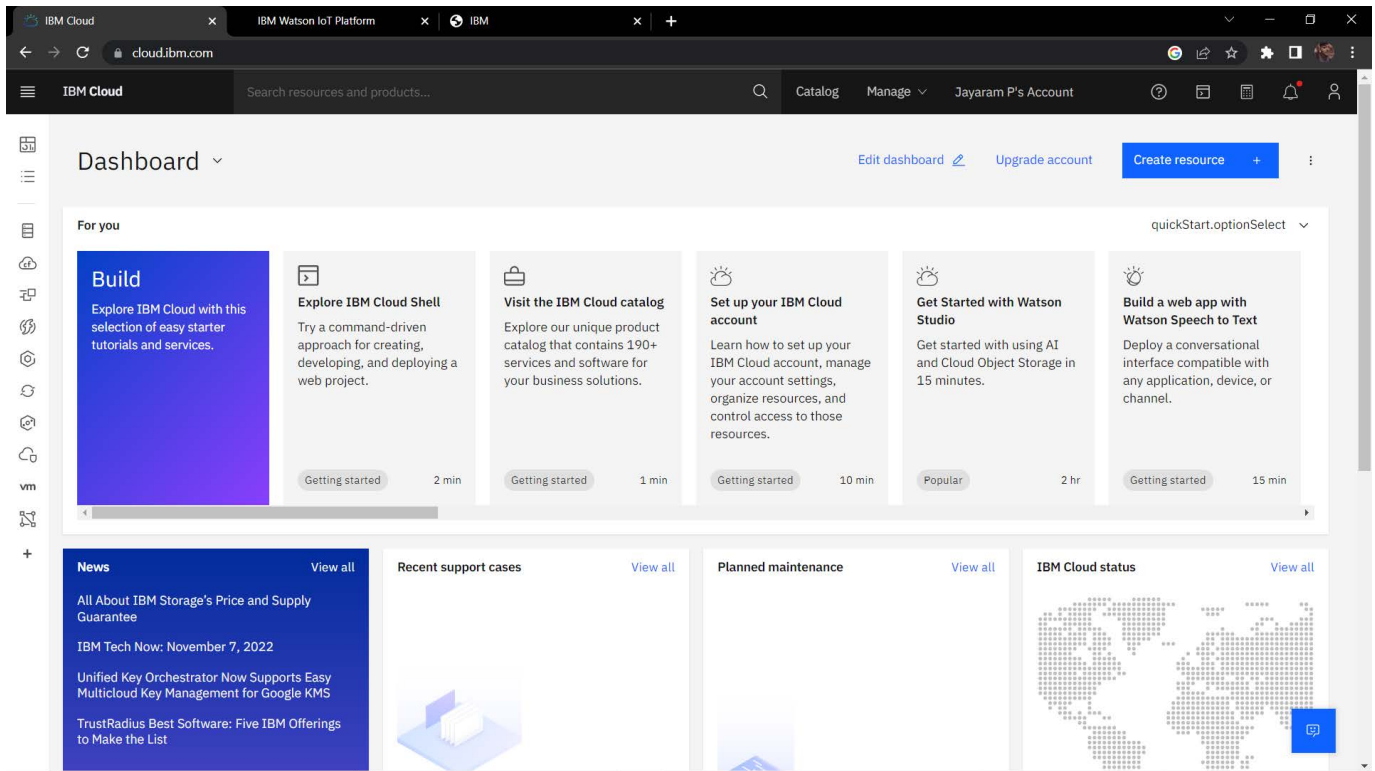
PROJECT NAME	PERSONAL ASSISTANCE FOR SENIORS WHO ARE SELF RELIANT
TEAM ID	PNT2022TMID10261

## STEPS

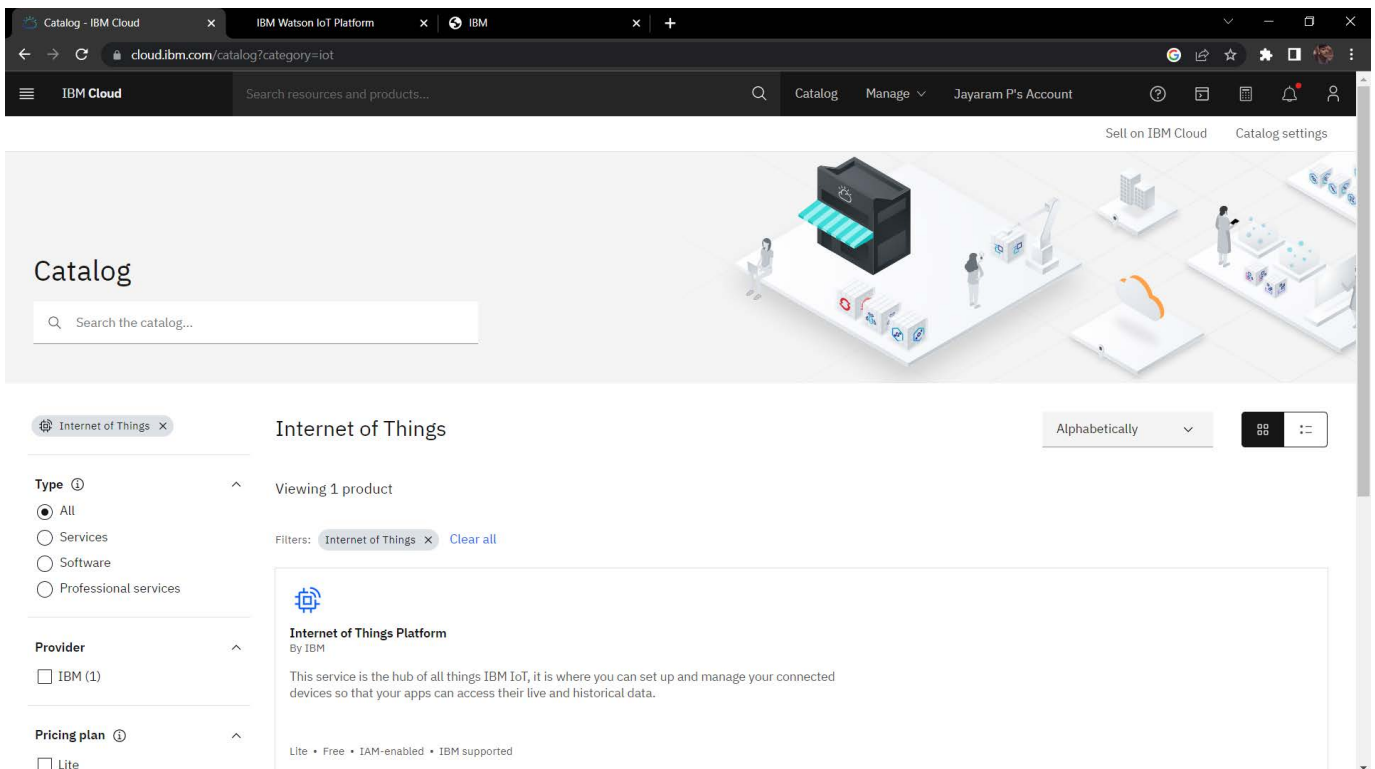
1.Firstly create an IBM cloud account with IBM ID and password.



## 2.Home page of IBM cloud



## 3.Click on the catalog on the top.



#### 4. Click on the IOT in the category mentioned.

Internet of Things Platform

This service is the hub of all things IBM IoT, it is where you can set up and manage your connected devices so that your apps can access their live and historical data.

**Create** About

Type: Service

Provider: IBM

Last updated: 08/15/2022

Category: Internet of Things

Compliance: IAM-enabled

Location: Frankfurt, London, Dallas, Washington DC

Related links: Docs, Terms

Select a location: Frankfurt (eu-de)

Select a pricing plan: Displayed prices do not include tax. Monthly prices shown are for country or location: [United States](#)

Plan	Features	Pricing
Lite	Includes up to 500 registered devices, and a maximum of 200 MB of each data metric of each data metric Maximum of 500 registered devices Maximum of 500 application bindings Maximum of 200 MB of each of data exchanged, data analyzed and edge data analyzed	Free

The Lite service plan for Internet of Things Platform includes up to 500 registered devices, and a maximum of 200 MB each of data exchanged, data analyzed, and edge data analyzed per month.

Lite plan services are deleted after 30 days of inactivity.

**Summary**

Internet of Things Platform Free

Location: Frankfurt

Plan: Lite

Service name: Internet of Things Platform-ew

Resource group: Default

**Existing Lite plan instance**

You can have only 1 Lite plan instance of this service per resource group. [Delete](#) your current Lite plan instance in Default resource group to create a new one, or [view the existing instance](#).

☒ I have read and agree to the following license agreements: [Terms](#)

Create

Add to estimate

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

Internet of Things Platform

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Create

Add to estimate

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

The screenshot displays the IBM Cloud console interface for the 'Internet of Things Platform-9v' service. The top navigation bar includes the IBM Cloud logo, a search bar, and links to 'Catalog', 'Manage', and 'Jayaram P's Account'. The main content area is titled 'Internet of Things Platform-9v' and shows the service is 'Active'. A sidebar on the left lists 'Manage', 'Plan', and 'Connections'. The main content area features a large graphic of a central node connected to various devices, followed by the text 'Let's get started with IBM Watson IoT Platform' and a 'Launch' button. Below this, a section titled 'Ready for the next level?' introduces the 'IBM Watson IoT Platform Journey' with three stages: 'Lite', 'Non-Production', and 'Production'. Each stage has a description and a list of features.

**Internet of Things Platform-9v** 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
- 500 application bindings 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.

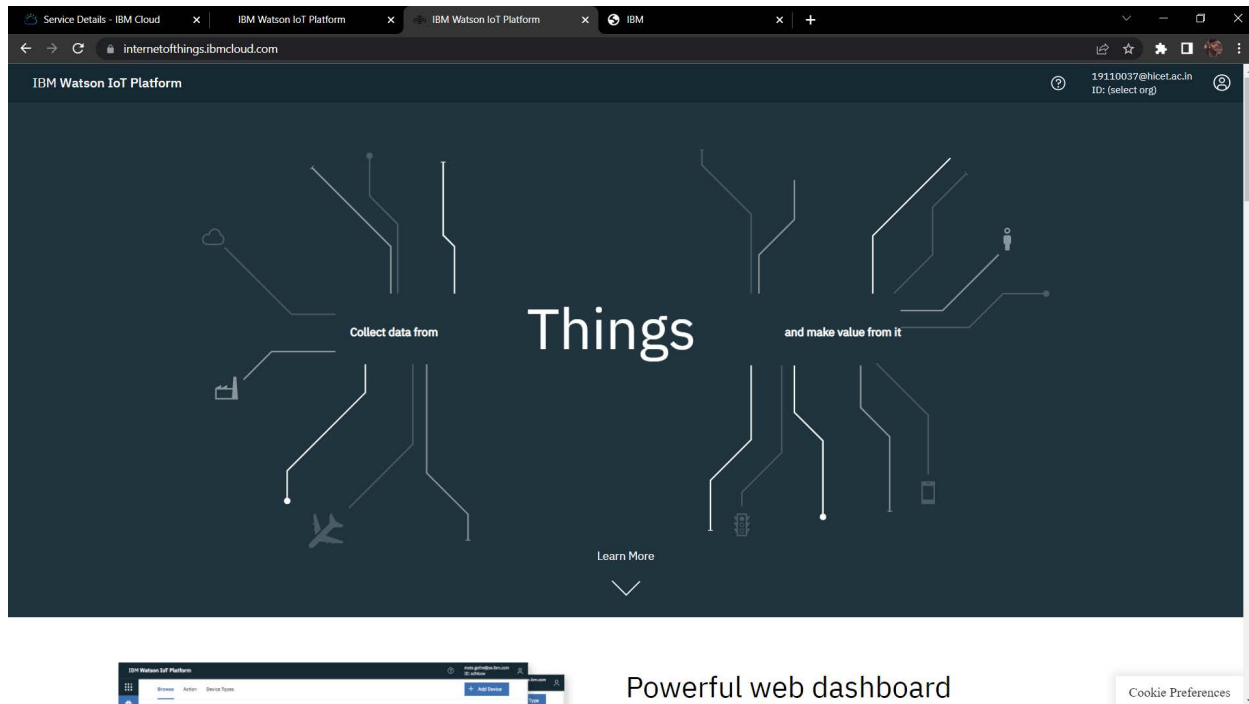
- Starts at \$500 per month
- Capacity limit based on device type
- Optional Analytics Service and Blockchain

**Production**

The Production service is a fully managed SaaS offering that enables you to manage and analyze enterprise IoT data.

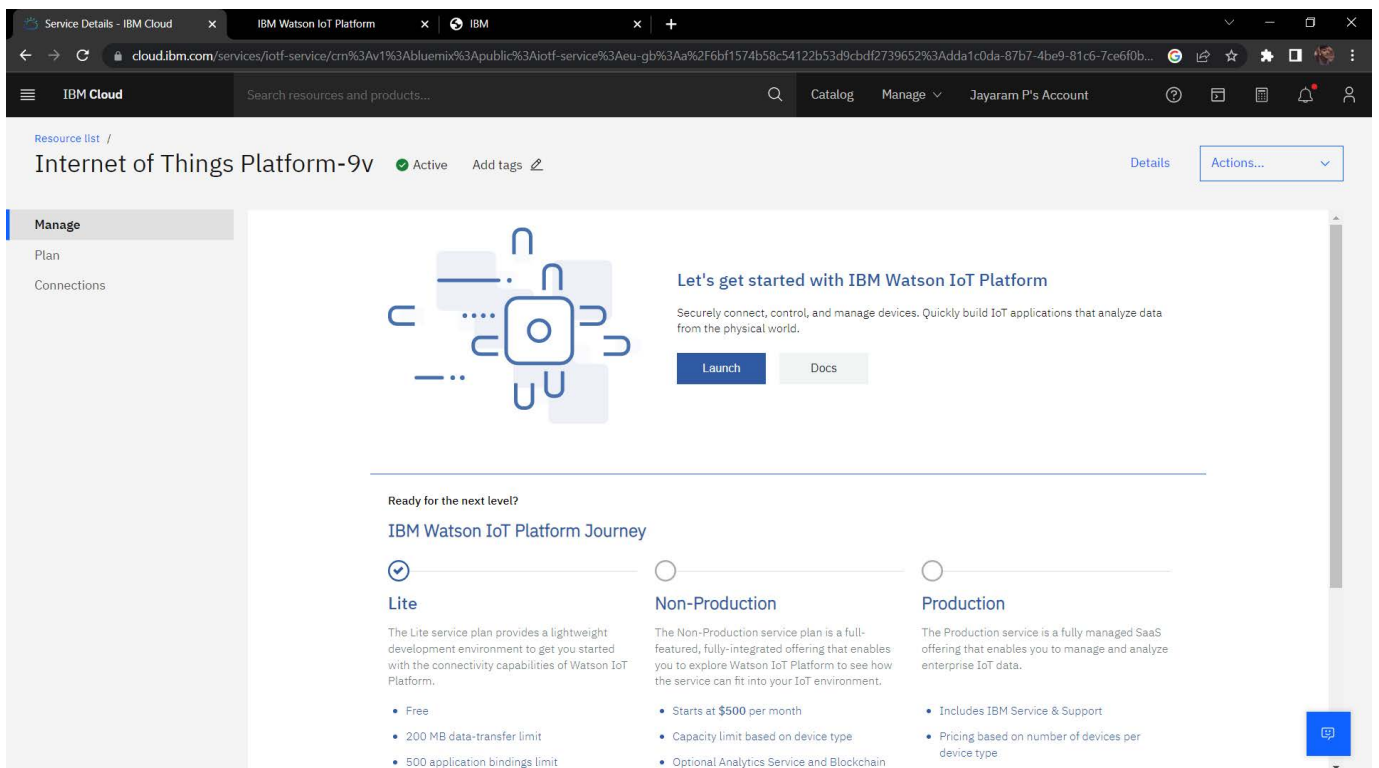
- Includes IBM Service & Support
- Pricing based on number of devices per device type

7. Internet of things platform smart crop protection will be created, where there are different options like manage, plan, and connection.

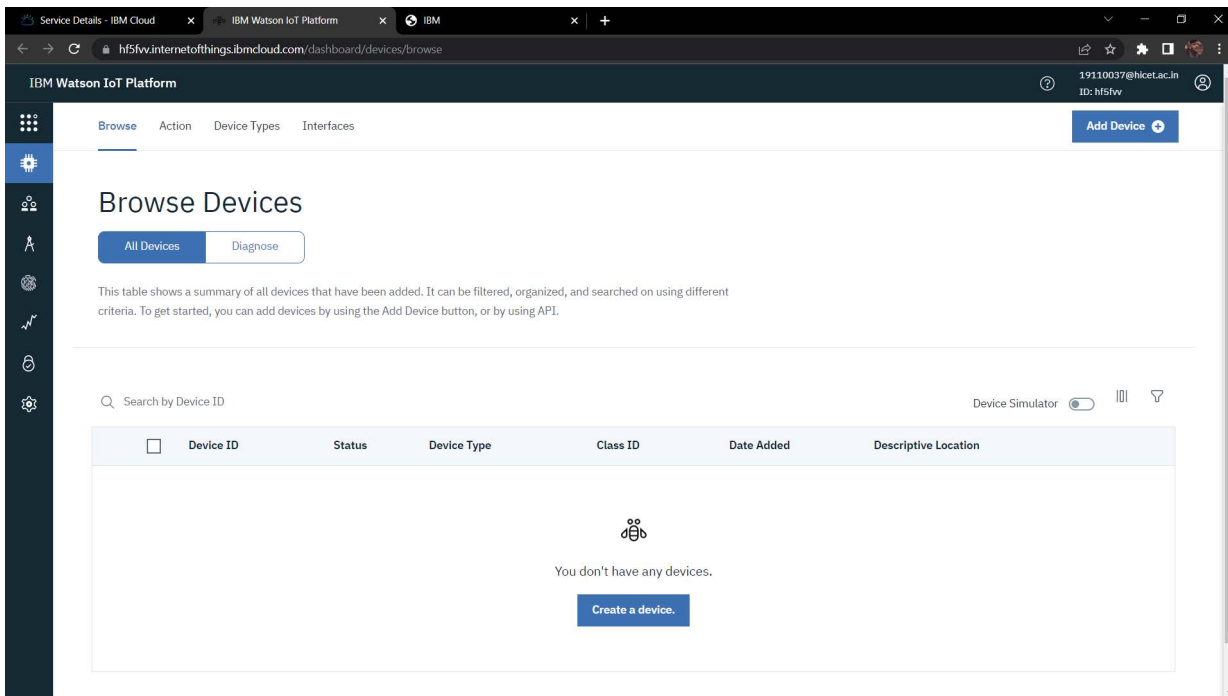


Powerful web dashboard

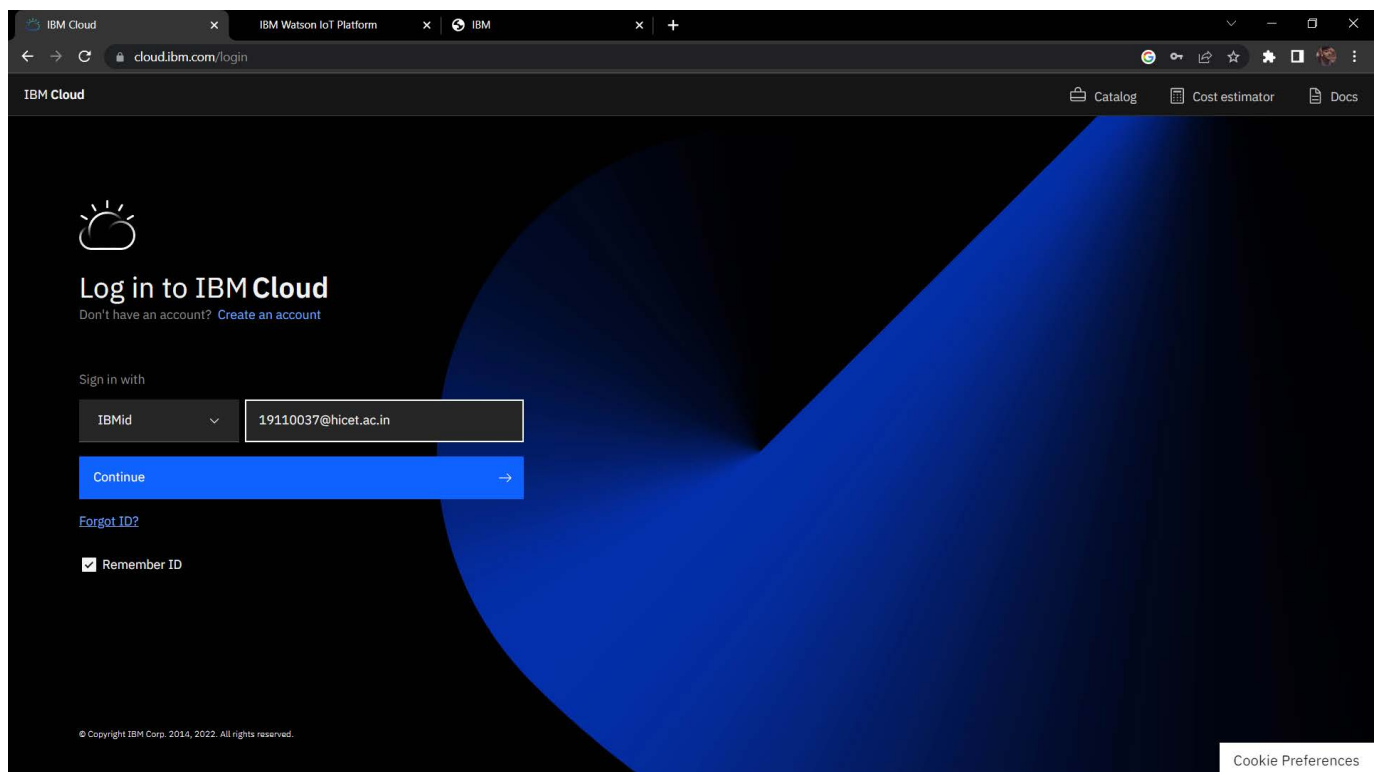
8. Clicking on the launch button in the manage tab, it will open to this..



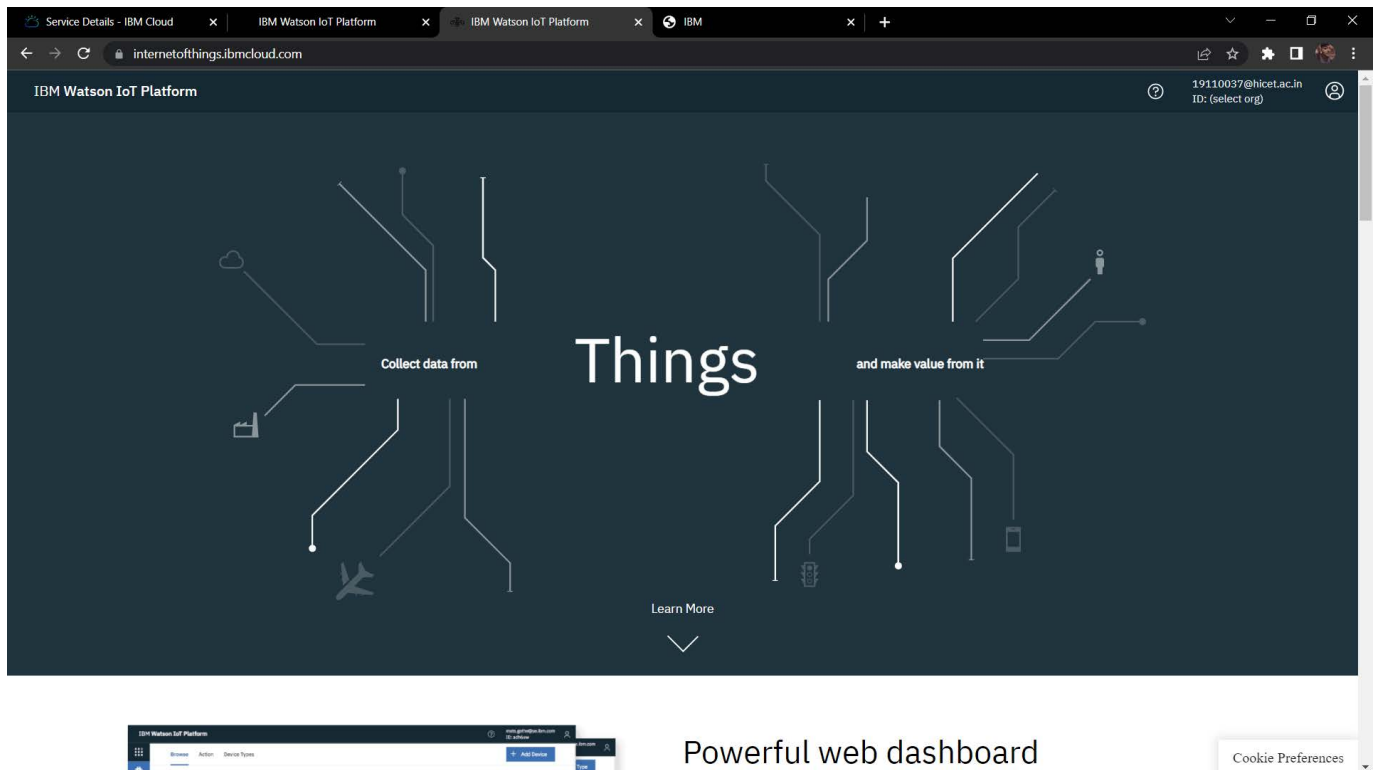
9. Enter the details to sign in to the Watson cloud to create a device.



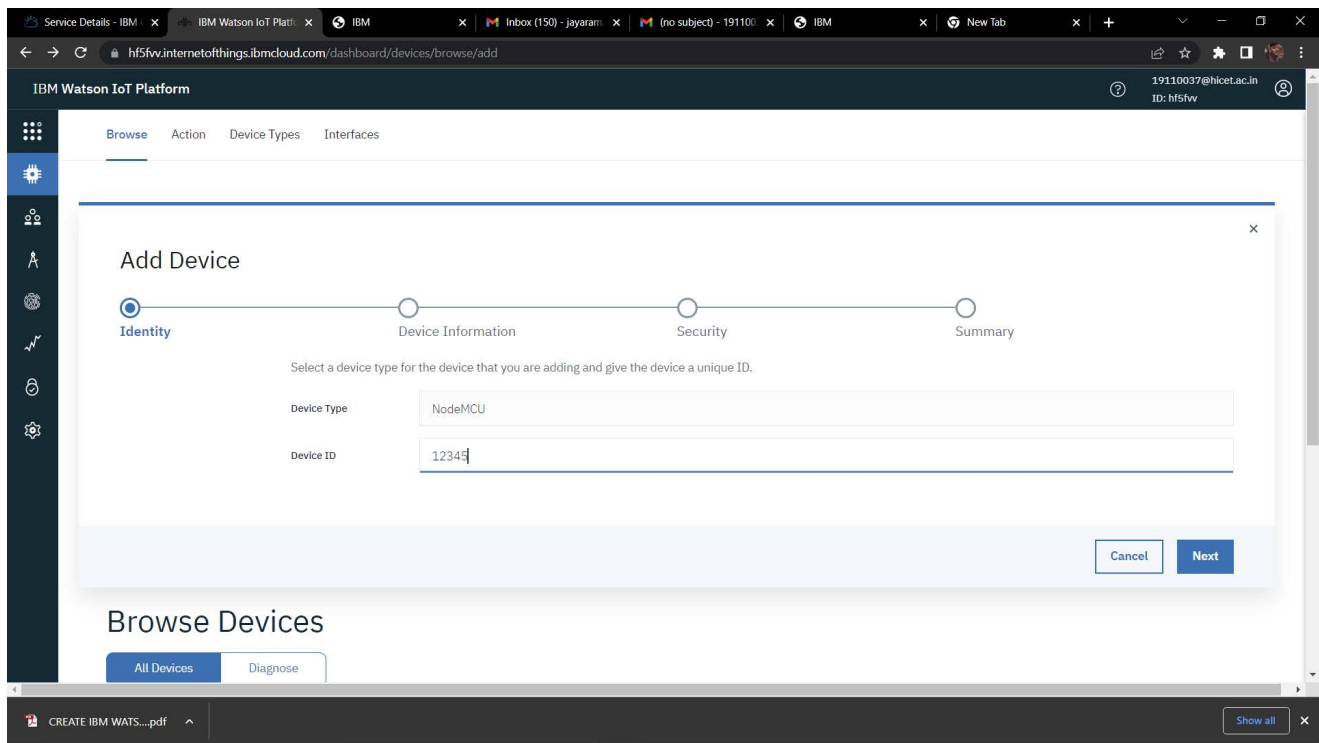
10. Once logged in the name will be displayed and it goes back to the first page.



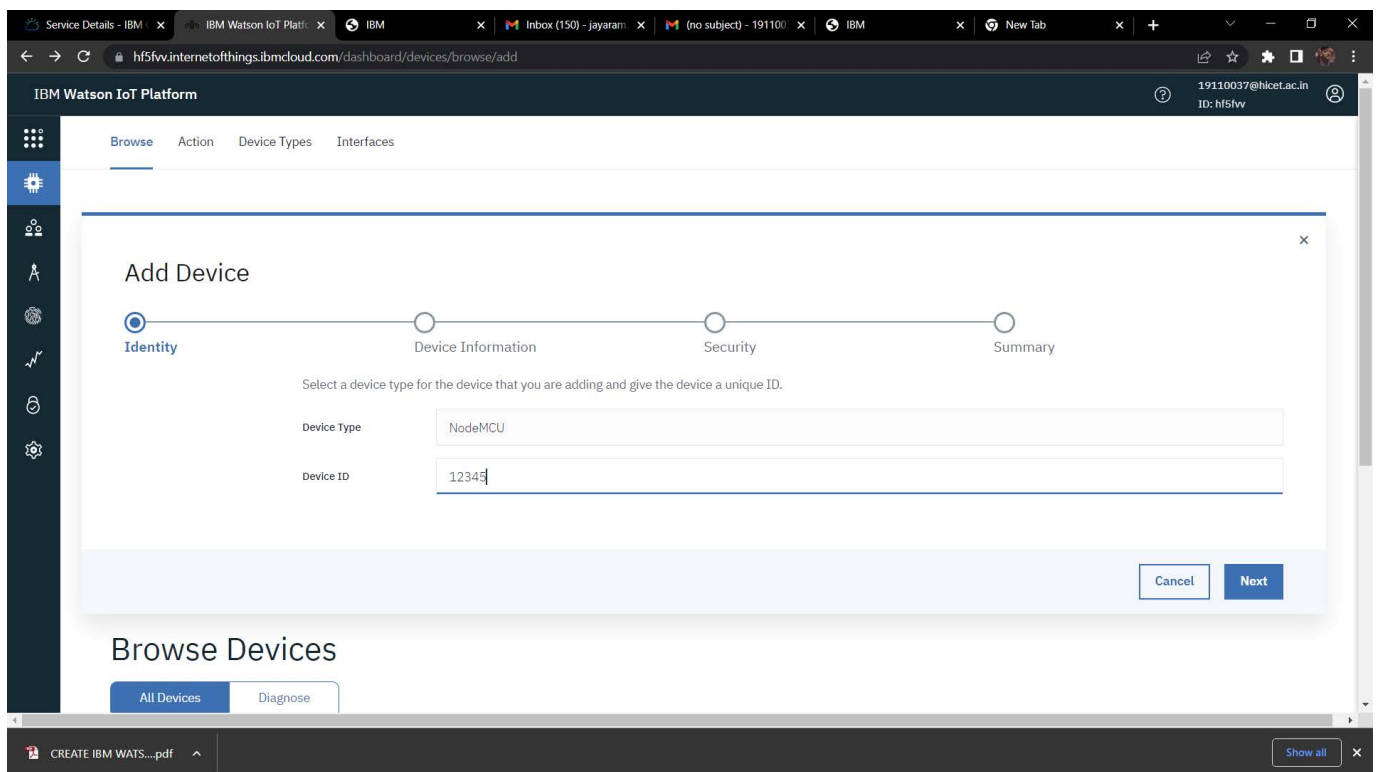
11. And again clicking on the launch button will open this tab, the device will help in the creation of the devices, the addition of devices, and the display of details of the devices.



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



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





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

The screenshot shows the 'Add Device' wizard in the IBM Watson IoT Platform. The interface is in a dark theme. At the top, there's a navigation bar with 'Browse', 'Action', 'Device Types', and 'Interfaces'. The 'Add Device' modal is open, showing a progress bar with four steps: Identity (checked), Device Information (active), Security, and Summary. Below the progress bar, a message states: 'You can modify the default device information and enter more information about the device for identification purposes.' The form is divided into two columns. The left column contains fields for 'Serial Number', 'Model', 'Description', and 'Hardware Version'. The right column contains fields for 'Manufacturer', 'Device Class', 'Firmware Version', and 'Descriptive Location'. Each field has a placeholder text 'Enter [field name]'. At the bottom left of the form is a button labeled 'Add Metadata' with a plus icon. At the bottom right are 'Back' and 'Next' buttons. The browser's address bar shows the URL 'hf5fv.internetofthings.ibmcloud.com/dashboard/devices/browse/add'.

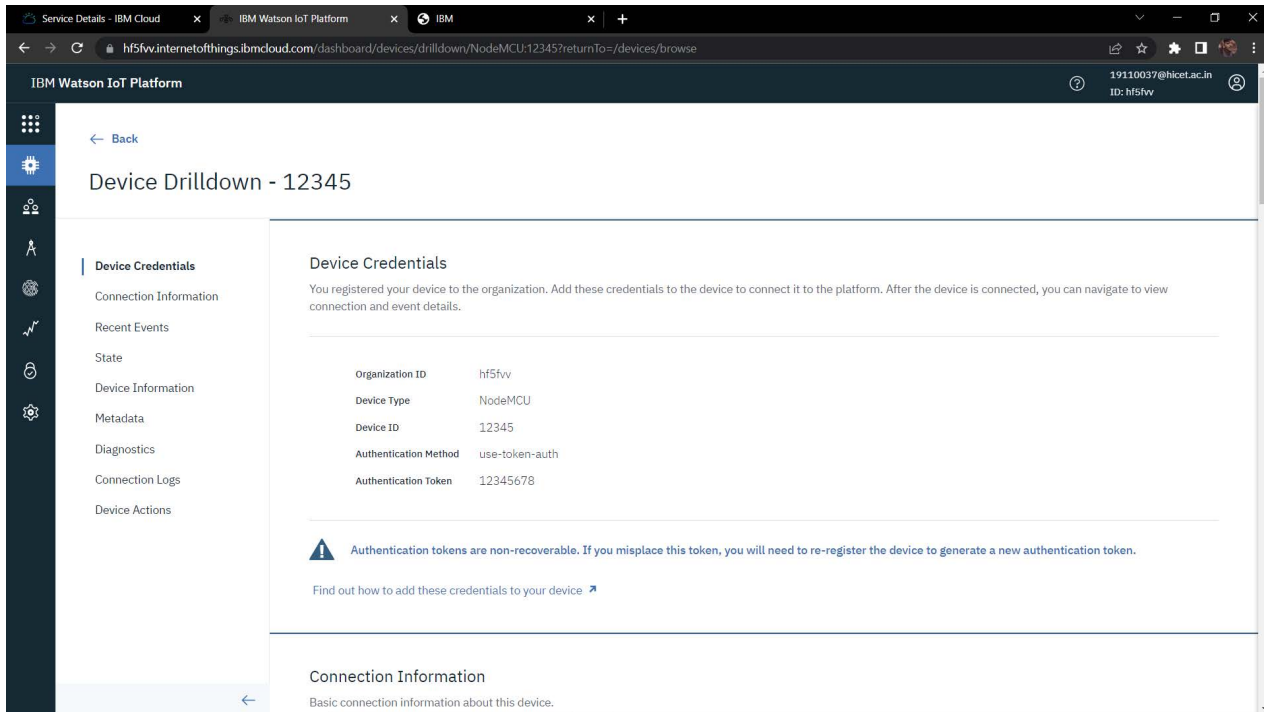
15.Clicking next it goes to the security where we do authentication token ID.

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

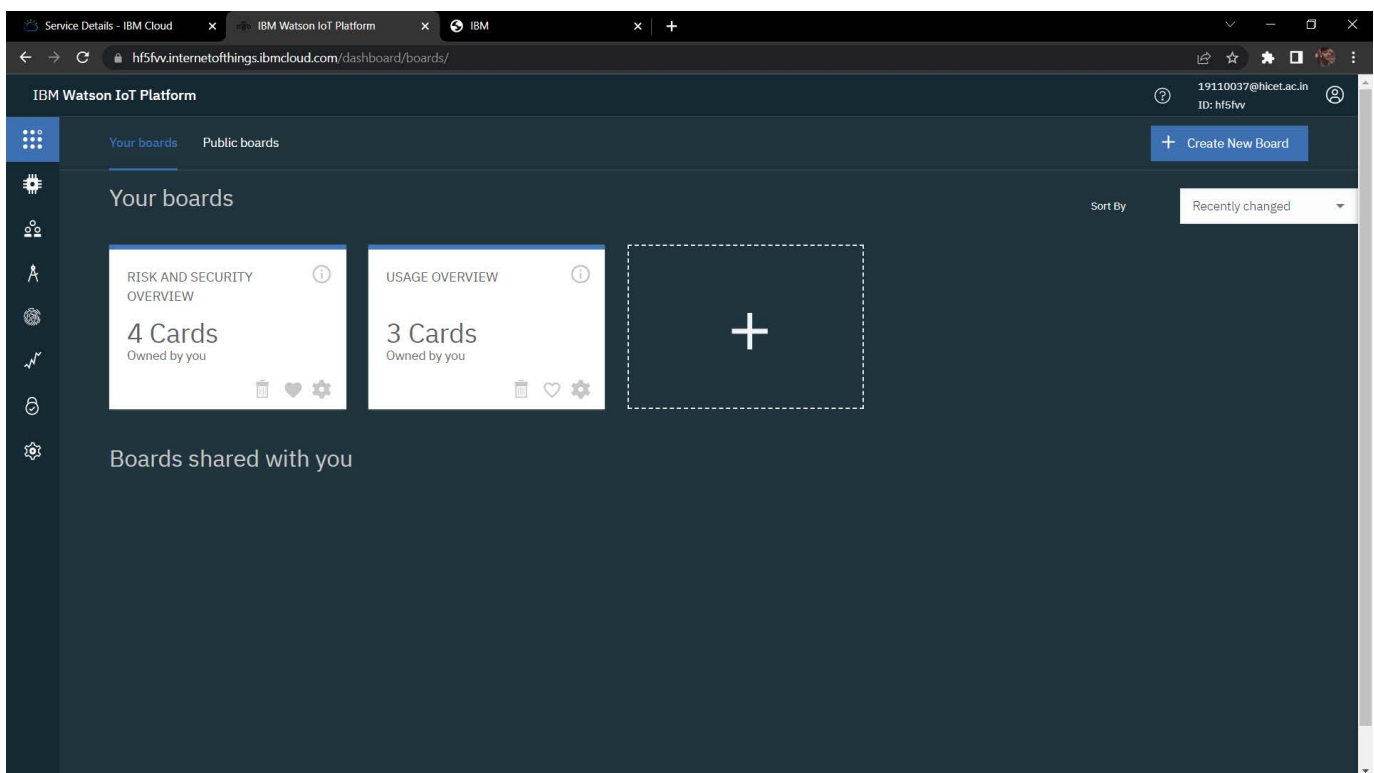
17.The device credentials will be displayed with all details.

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

It has different the like identity, device information, state and login.



19. The Boards will display card for the project.



**RESULT:**

An IBM Watson cloud for IOT and device is created.

**TEAM I** : PNT2022TMID10261

TEAM LEADER : P. Jayaram

TEAM MEMBER 1 : G.Aakash Aravinth

TEAM MEMBER 2 : V.Arunagiri

TEAM MEMBER 3 : M.Mohammed Afsal

TEAM SIZE : 4

**MENTOR** : Premkumar C D