

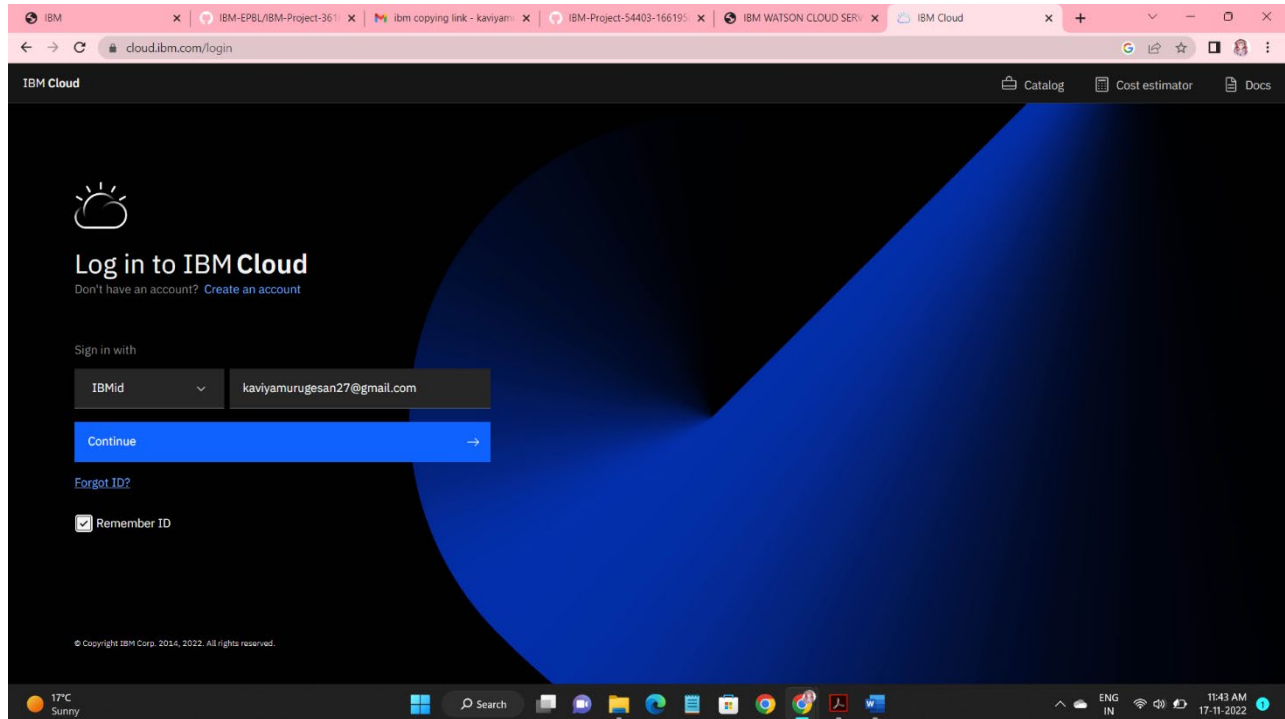
TEAM ID: PNT2022TMID22926

PROJECT NAME: SMART SOLUTIONS FOR RAILWAYS

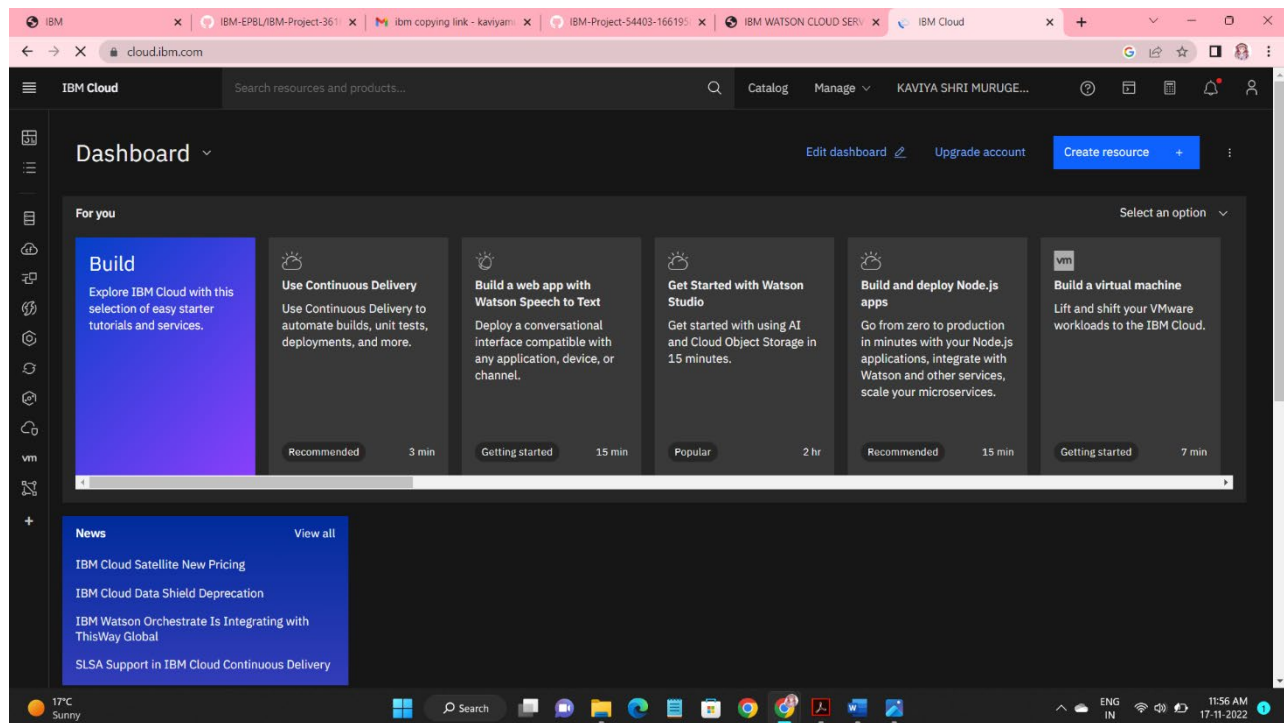
Maximum marks: 4 Marks

## STEPS

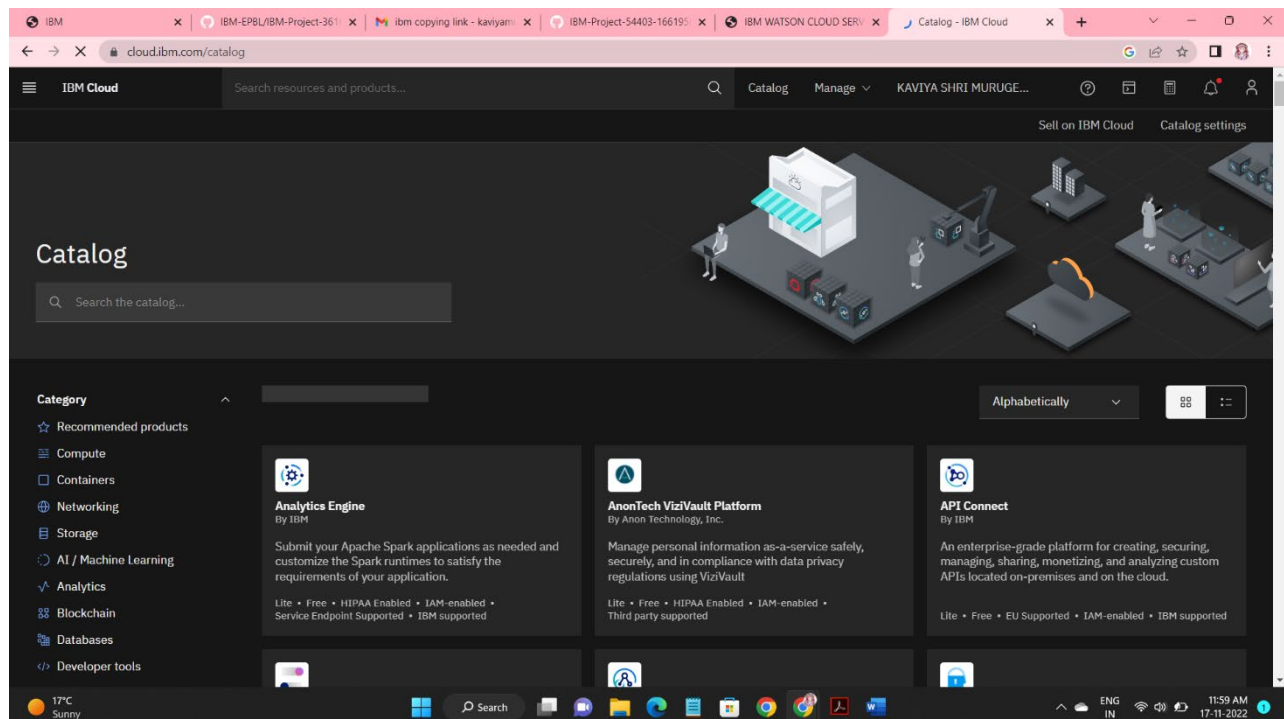
1. Create an IBM cloud account with IBM id and password



2. Home page of IBM cloud



3. Click on the catalog on the top



4. Click on the IOT in the category mentioned

The screenshot shows the IBM Cloud catalog page for the Internet of Things Platform. The 'Create' tab is active. The location is set to 'Frankfurt (eu-de)' and the pricing plan is 'Lite'. The Lite plan includes up to 500 registered devices and a maximum of 200 MB of each data metric. The summary on the right shows the service is free and the service name is 'Internet of Things Platform-l7'.

**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 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.

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

**Create**

**Add to estimate**

Summary

**Internet of Things Platform** **Free**

Location: Frankfurt

Plan: Lite

Service name: Internet of Things Platform-l7

5. 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 shows the IBM Cloud catalog page for the Internet of Things Platform. The 'Create' tab is active. The location is set to 'London (eu-gb)' and the pricing plan is 'Lite'. The Lite plan includes up to 500 registered devices and a maximum of 200 MB of each data metric. The summary on the right shows the service is free and the service name is 'Internet of Things Platform-34'.

**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: London (eu-gb)

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 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.

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

**Create**

**Add to estimate**

Summary

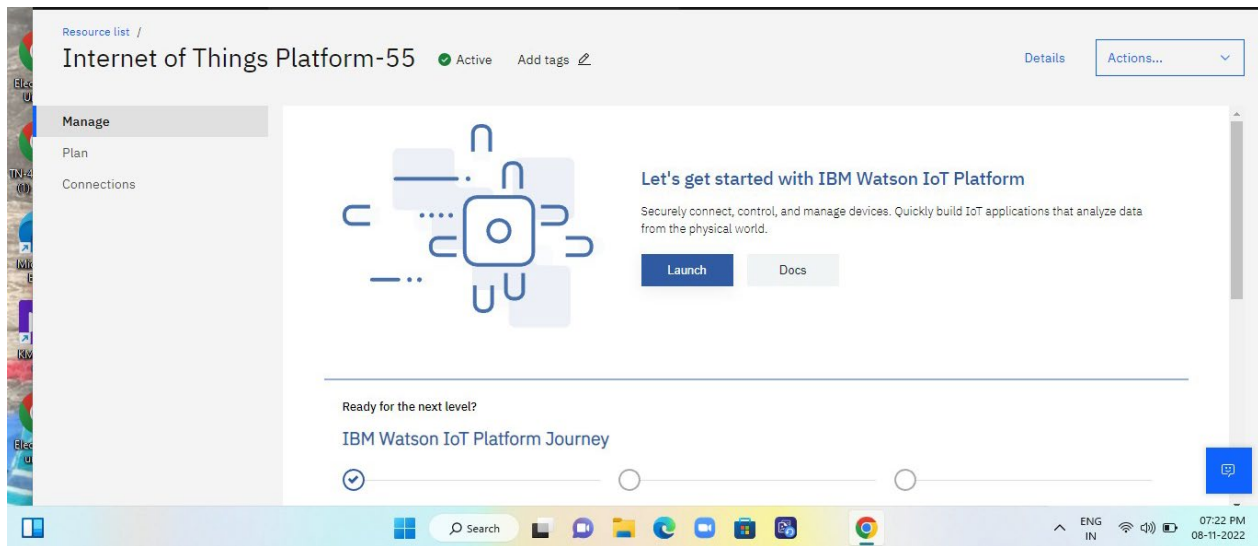
**Internet of Things Platform** **Free**

Location: London

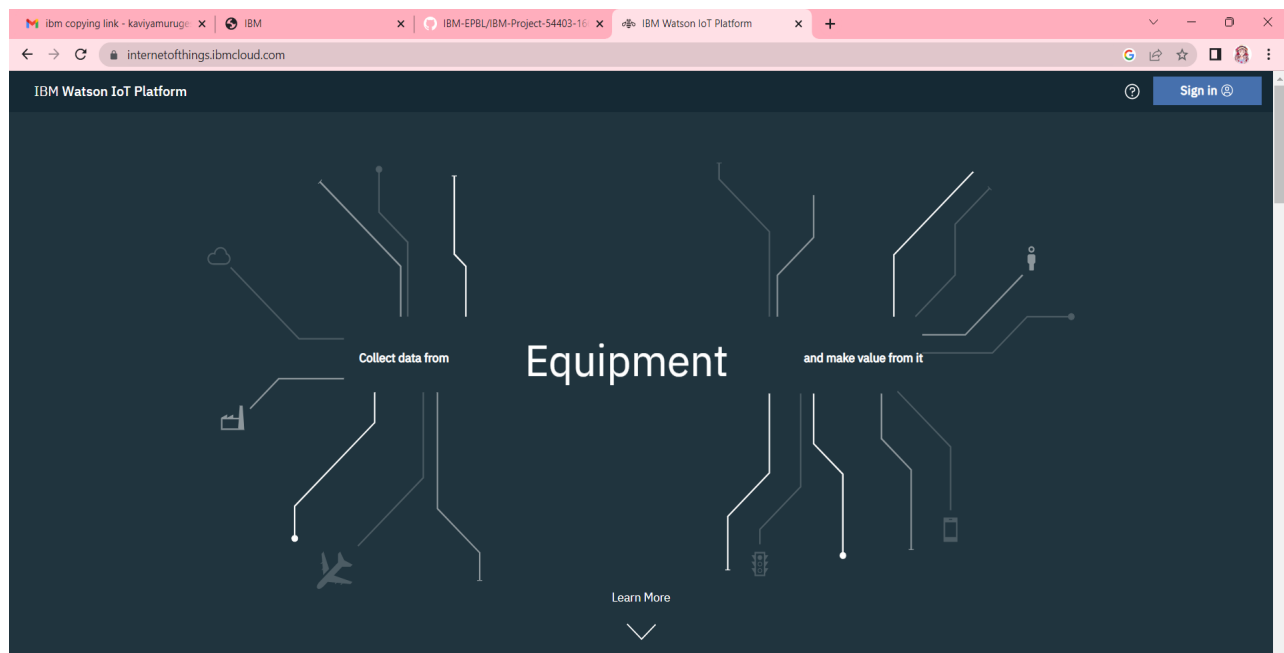
Plan: Lite

Service name: Internet of Things Platform-34

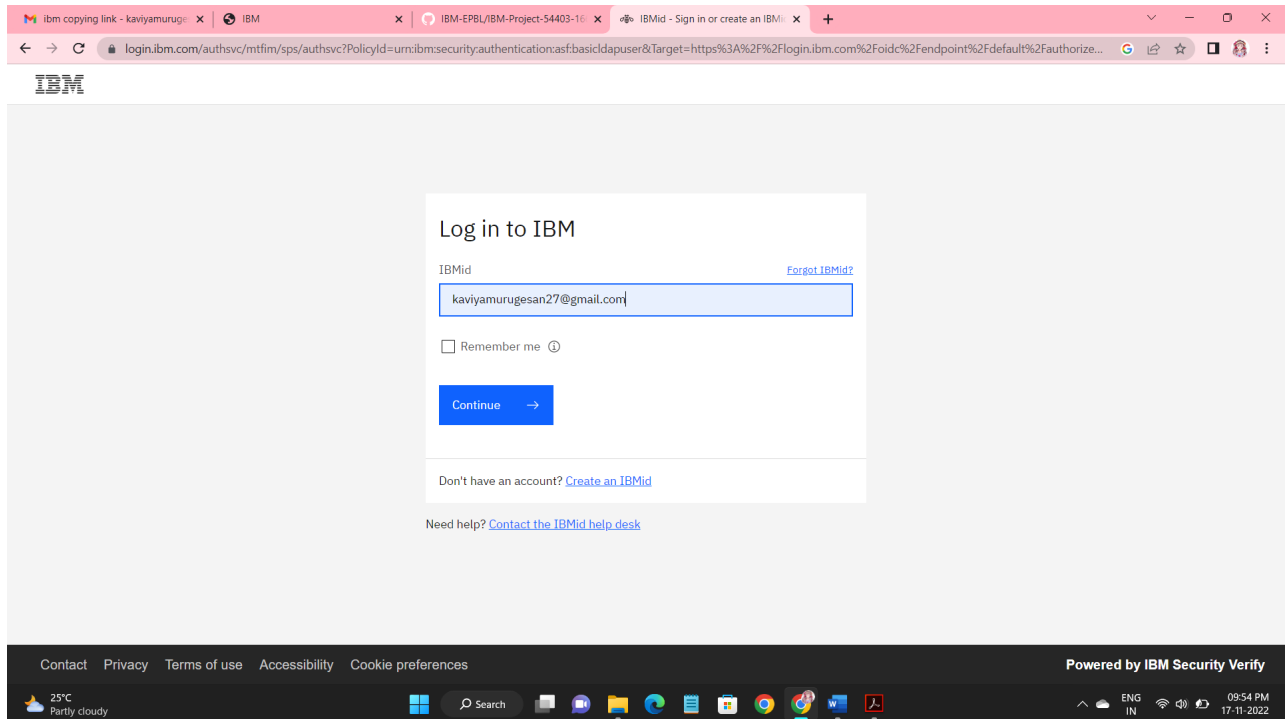
6. Internet of things platform smart solutions for railways will be created, where there are different options like manage, plan connection



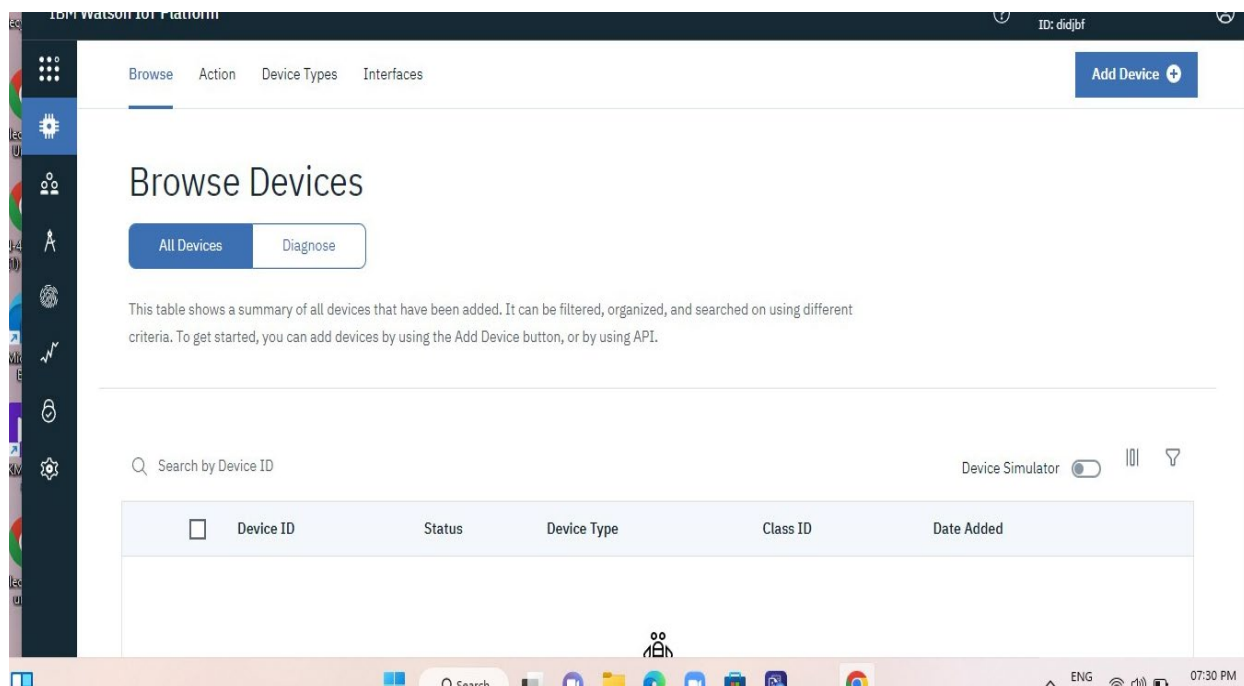
7. Clicking on launch button in the manage tab, it will open this



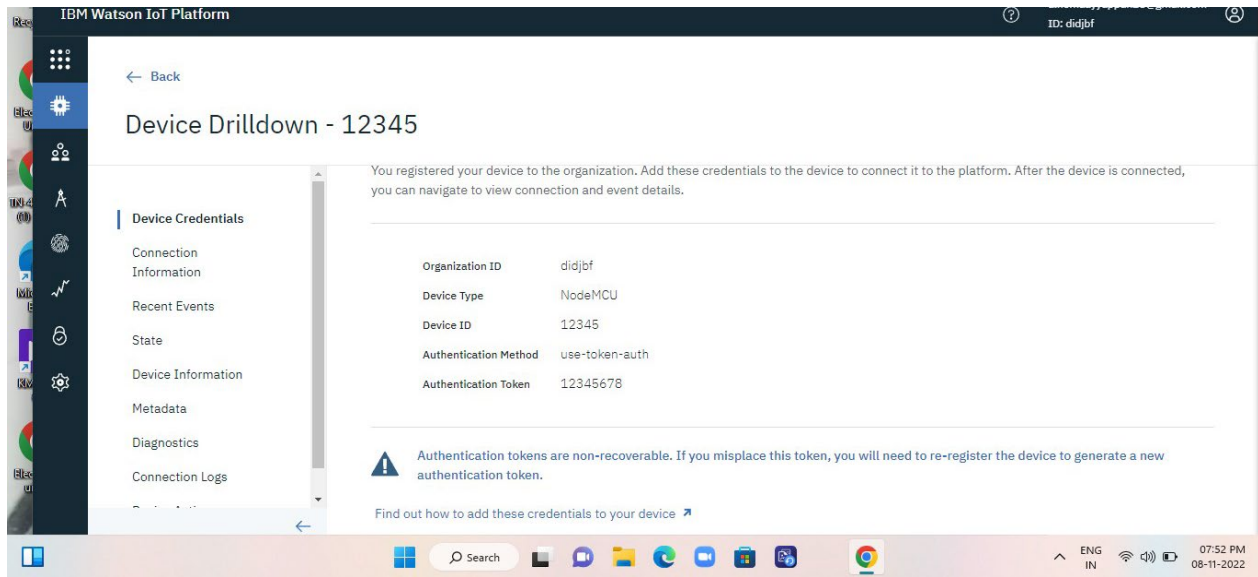
8. Once logged in the name it will be displayed and goes back to home page



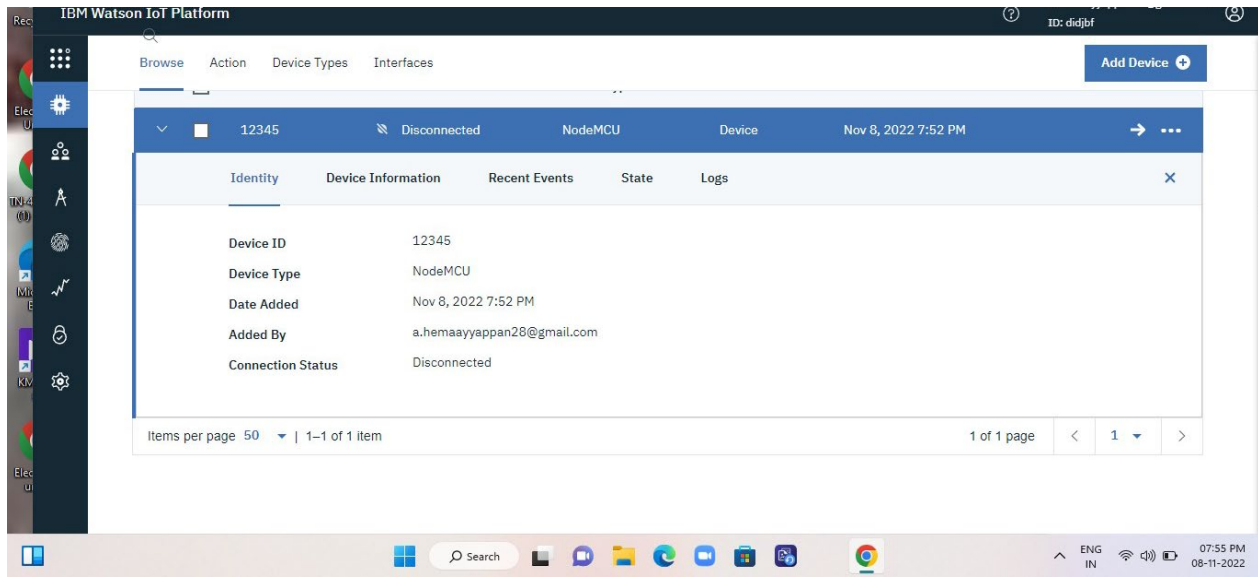
9. The member of this tab is to add team members to work In the platform



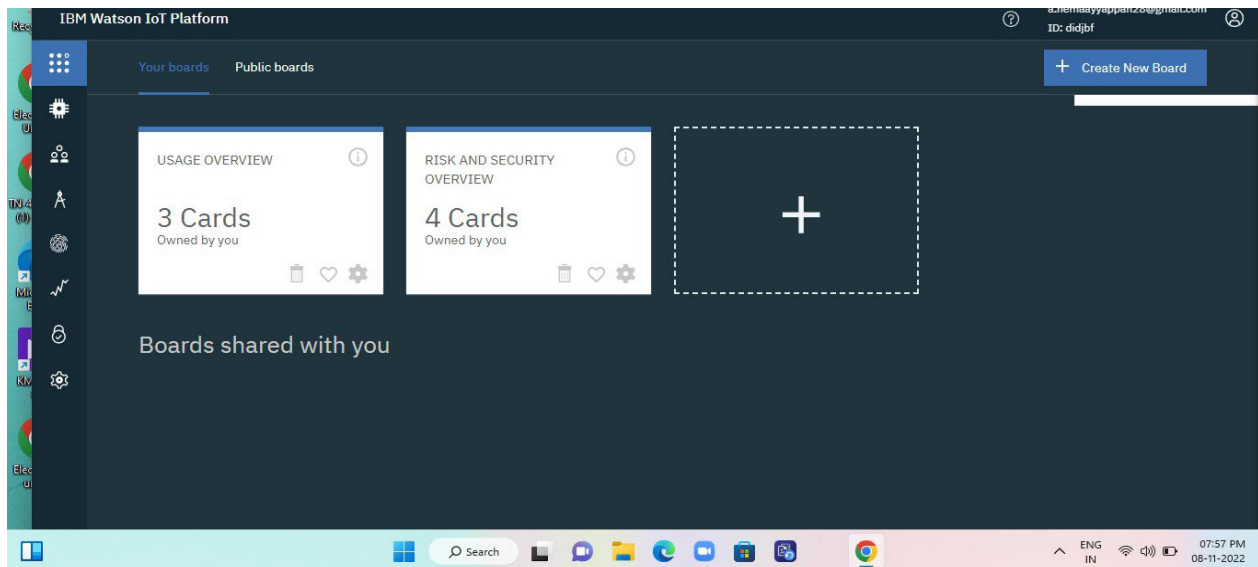
10. Click on the device tab and click on the add device button, then give the device type and device id and click next.



11. This page to enter the extra details and of the Hardware
12. Clicking next it goes to security where we do authentication token ID
13. The device credentials will be displayed with all the details
14. The device has different information like identity device information state



15. The boards will display card the project



## RESULT

An IBM WASTON CLOUD for IOT and device is created

TEAM ID: PNT2022TMID22926

TEAM LEADER: DHARANYA S

TEAM MEMBER 1: KAVIYA SHRI M

TEAM MEMBER 2: ESAI ANANDH M

TEAM MEMBER 3: DIKSHIT ADITHYA P