

DATE:8 November 2022

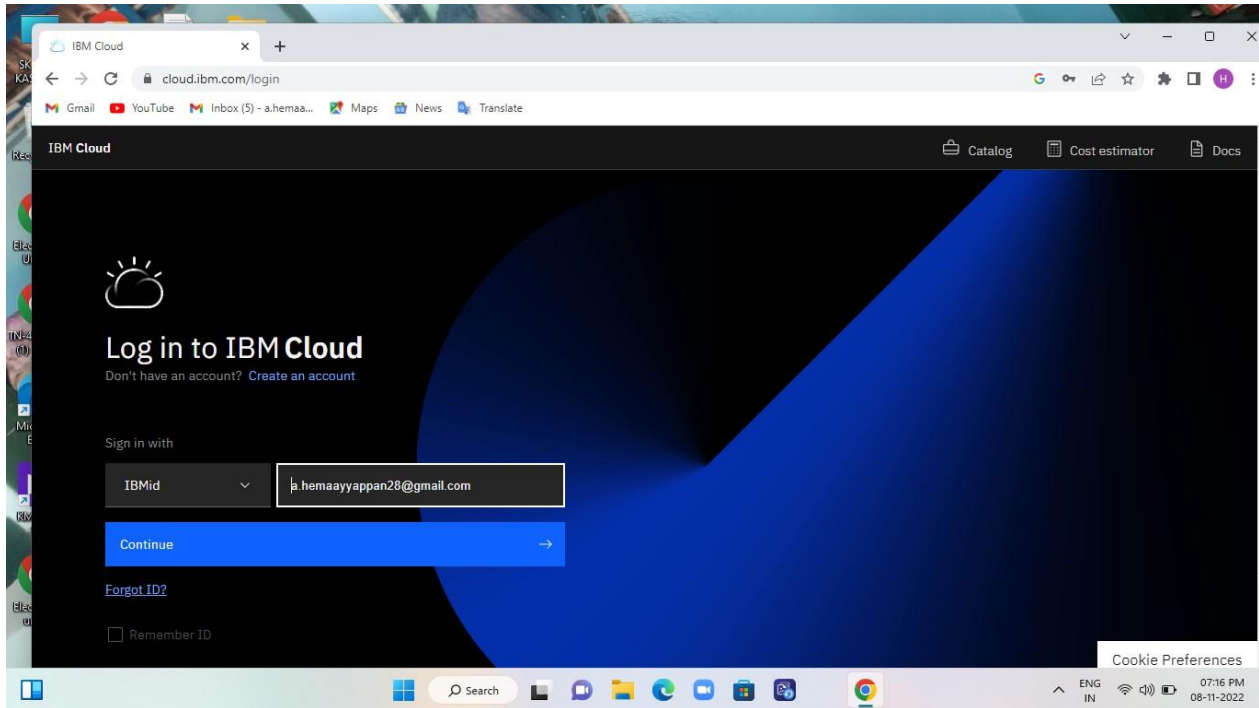
TEAM ID :PNT2022TMID31318

PROJECT NAME :SMART SOLUTIONS FOR RAILWAYS

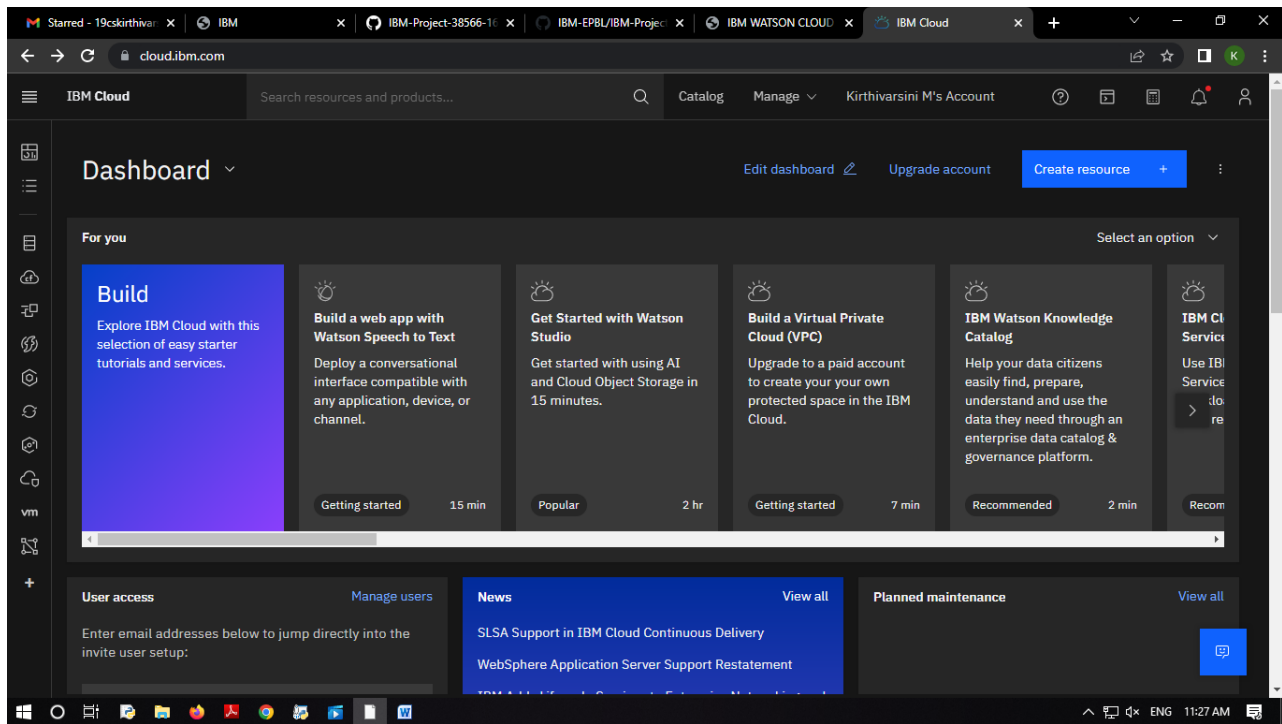
Maximum marks :4 Marks

STEPS

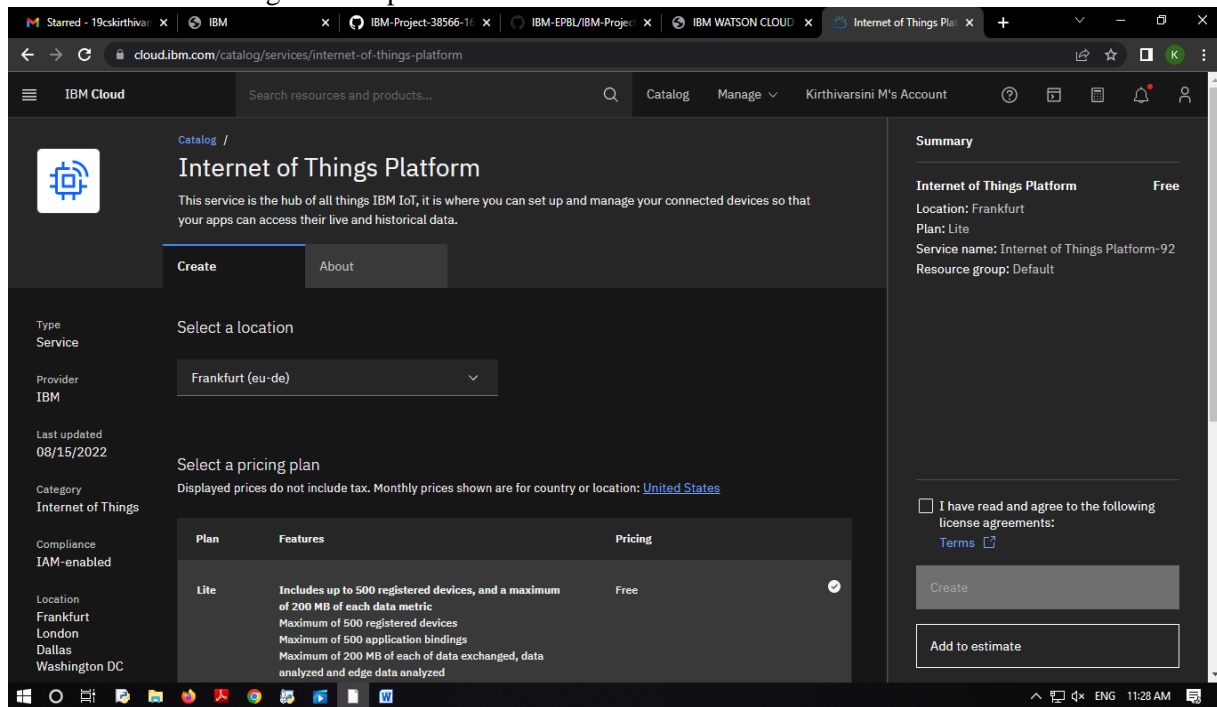
1. Firstly create an IBM cloud account with IBM id and password



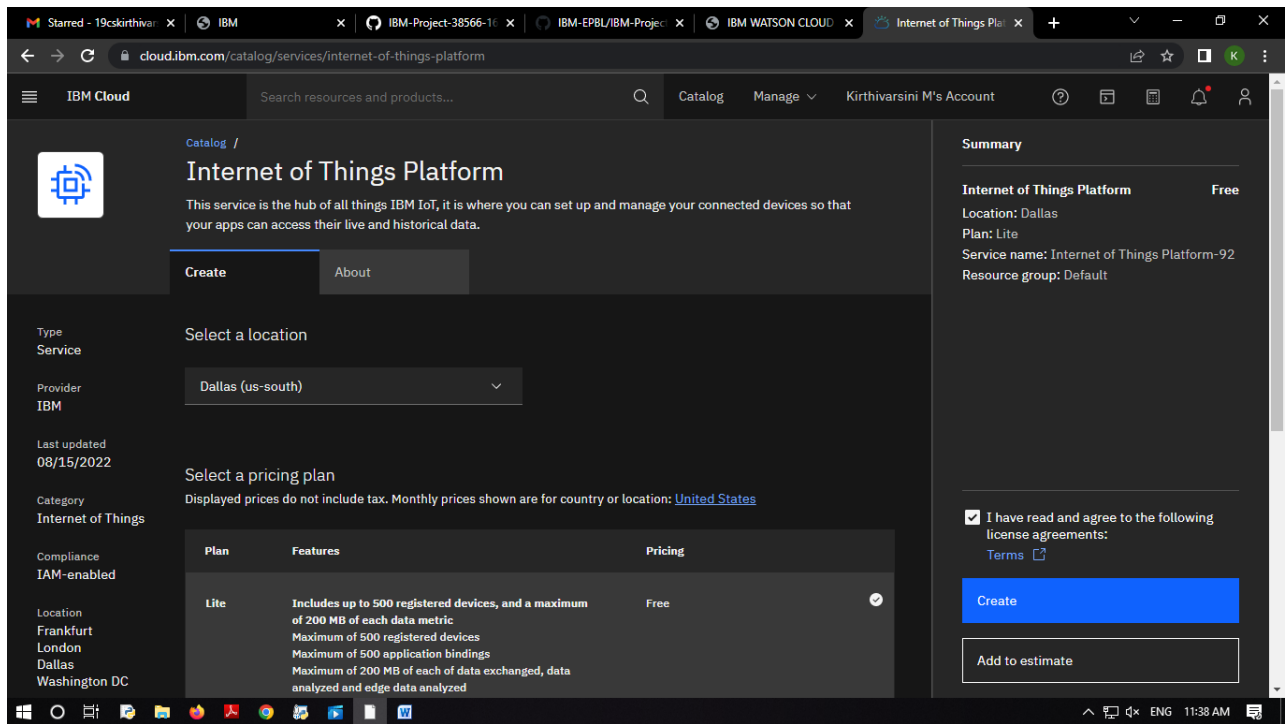
2. Home page of IBM cloud



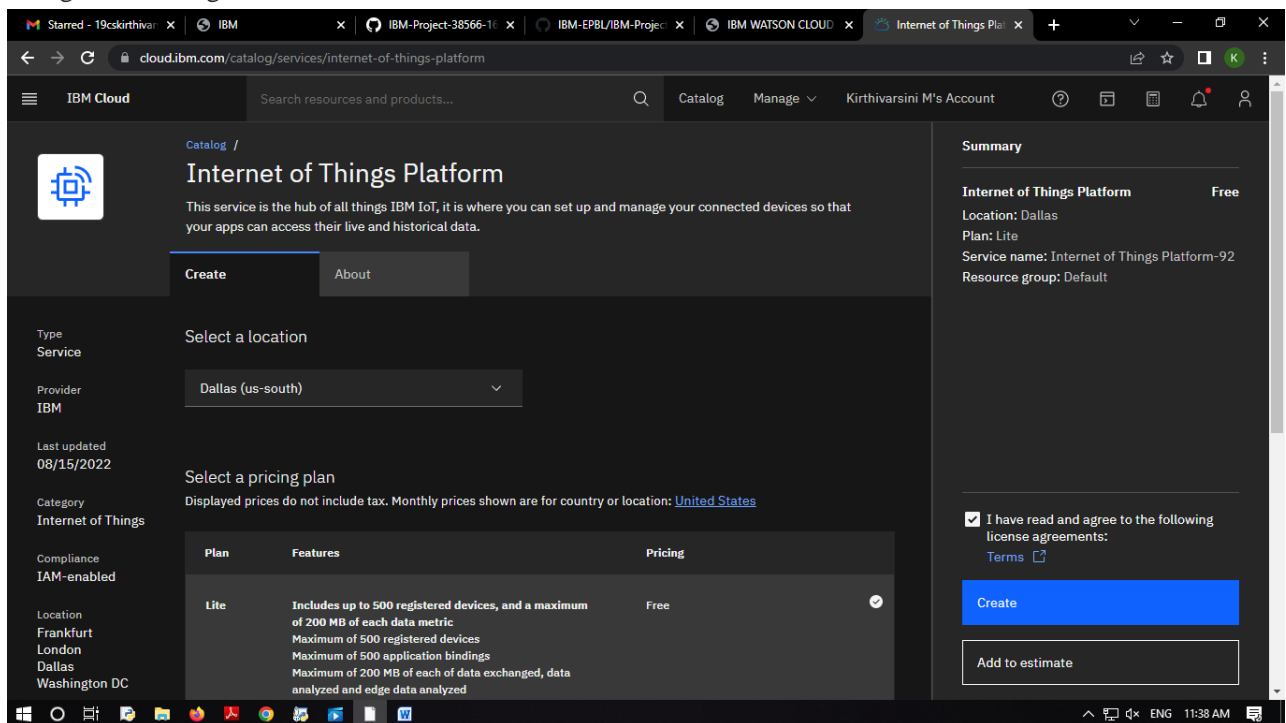
3. Click on the catalog on the top



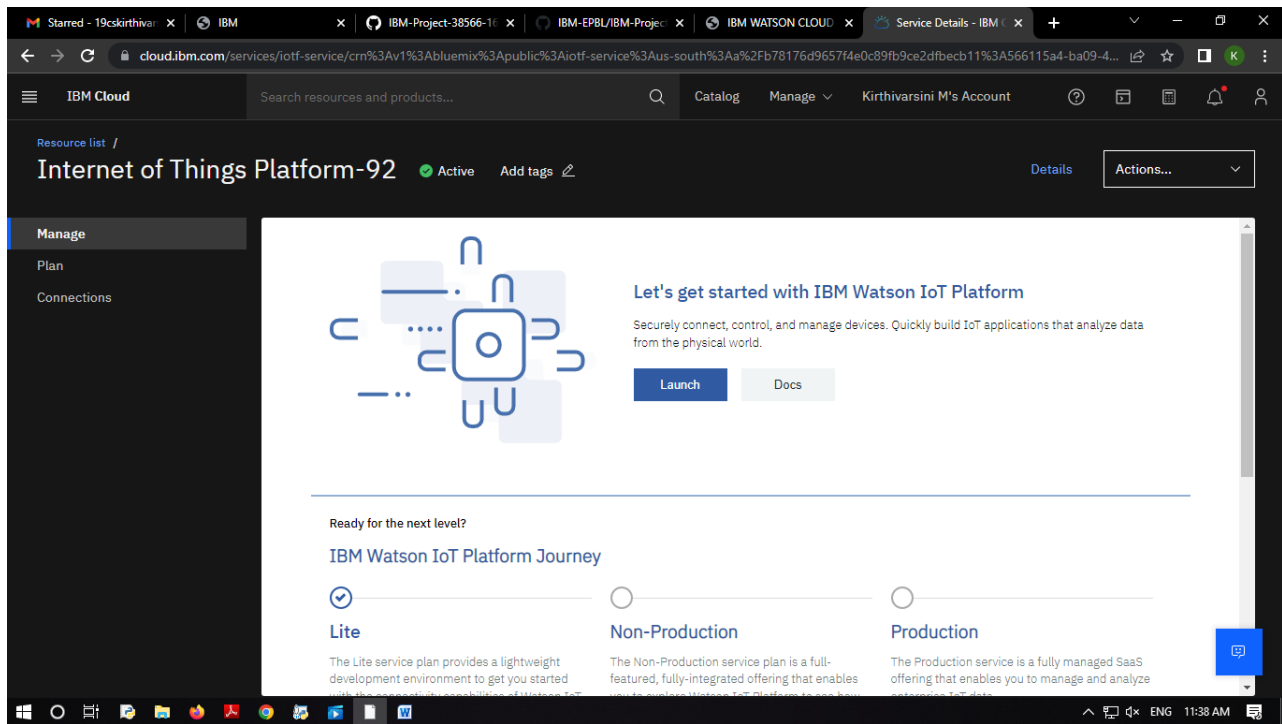
4. Click on the IOT in the category mentioned



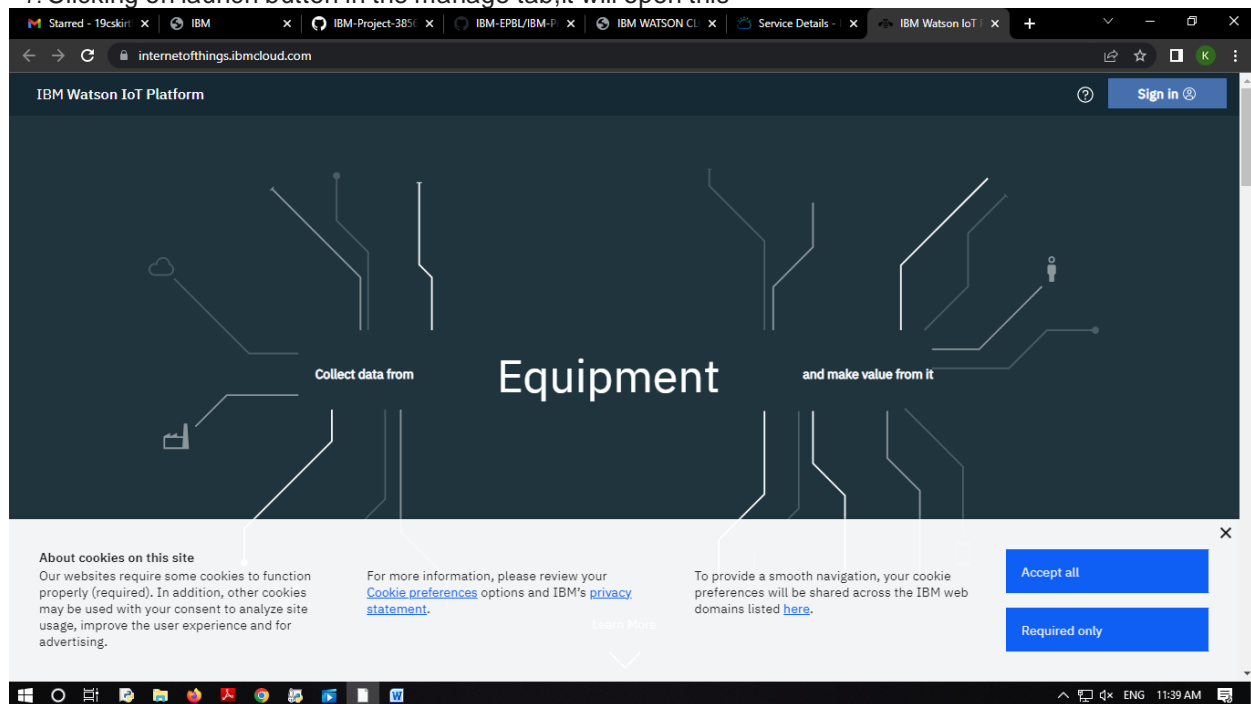
5. Enter the location and in the configure your resources type the service name and choose the plan, tick the agree with it agreements and then click on create.



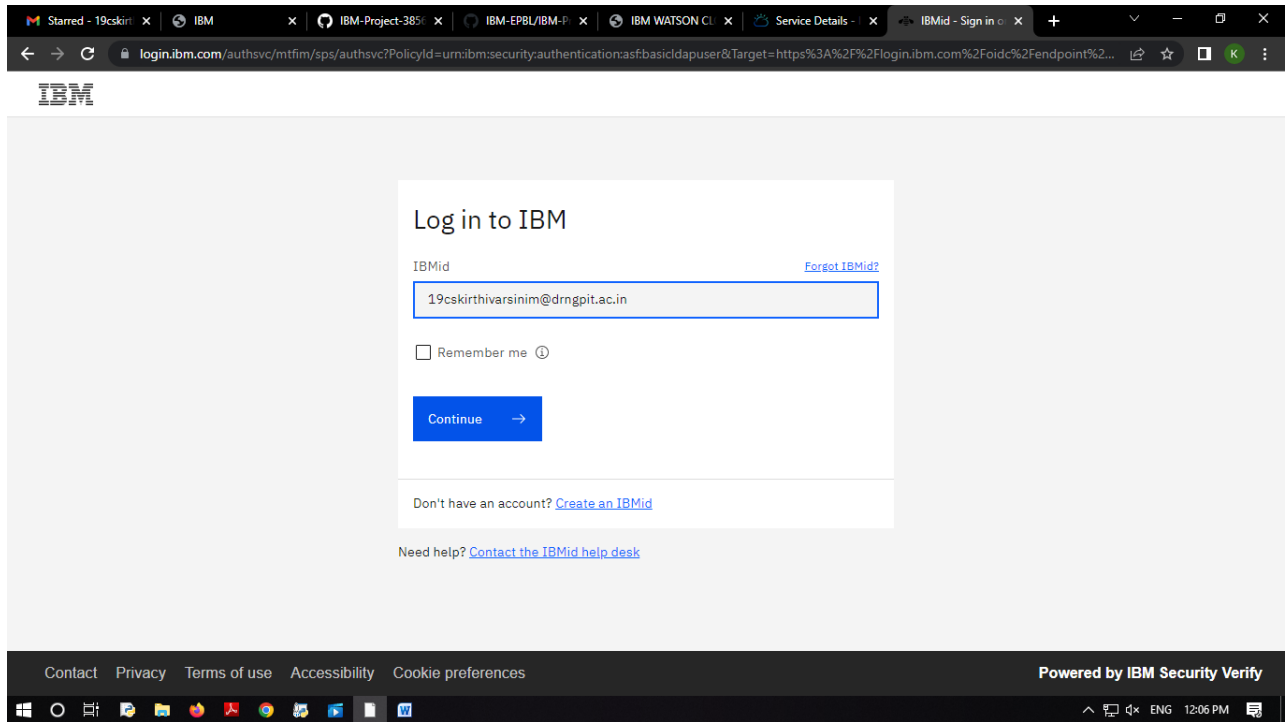
6. Internet of things platform smart solutions for railways will be created, where there are different options like manage, plan, connection



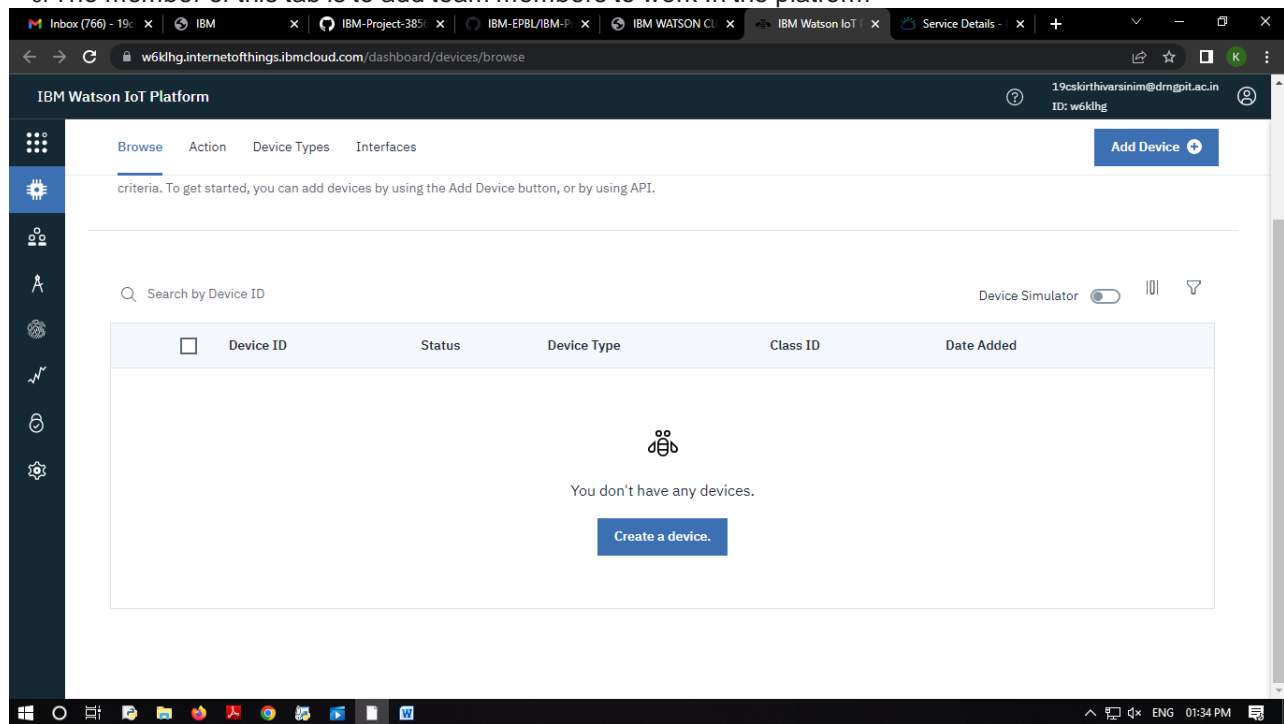
7. Clicking on launch button in the manage tab, it will open this



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.

IBM Watson IoT Platform

19cskirthivarsinim@drngpit.ac.in
ID: w6klhg

← Back

Device Drilldown - 12345

Device Credentials

You registered your device to the organization. Add these credentials to the device to connect it to the platform. After the device is connected, you can navigate to view connection and event details.

Organization ID	w6klhg
Device Type	NodeMCU
Device ID	12345
Authentication Method	use-token-auth
Authentication Token	123456789

⚠ Authentication tokens are non-recoverable. If you misplace this token, you will need to re-register the device to generate a new authentication token.

[Find out how to add these credentials to your device](#)

11. This page to enter the extra details and of the Hardware

IBM Watson IoT Platform

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ID: w6klhg

Browse Action Device Types Interfaces

Search by Device ID

Device Simulator

Device ID	Status	Device Type	Class ID	Date Added
12345	Disconnected	NodeMCU	Device	Nov 15, 2022 1:37 PM

Identity Device Information Recent Events State Logs

Device ID: 12345
Device Type: NodeMCU
Date Added: Nov 15, 2022 1:37 PM
Added By: 19cskirthivarsinim@drngpit.ac.in
Connection Status: Disconnected

Items per page 50 | 1-1 of 1 item

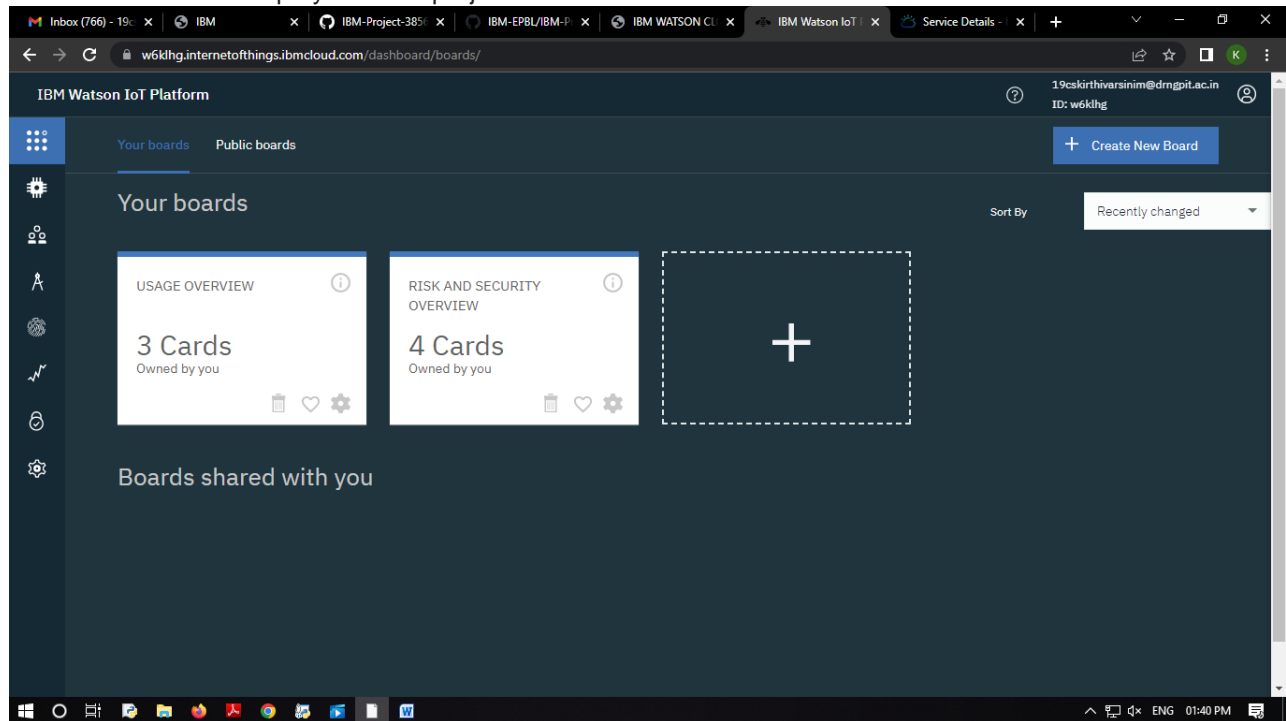
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12. Clicking next it goes to security where we do authentication token ID

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

14. The device has different information like identity, device information, state and login

15. The boards will display card the project



RESULT

An IBM watson cloud for IOT and device is created

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