CREATE IBM WATSON IOT PLATFORM AND DEVICE
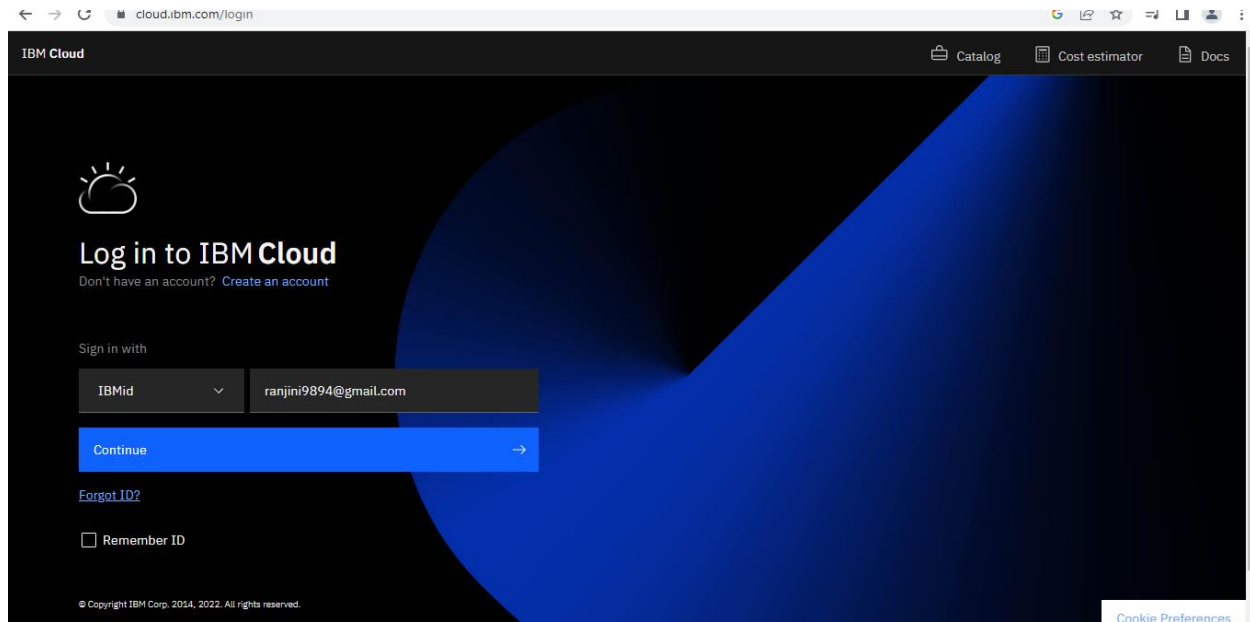
TEAM ID: PNT2022TMID38891
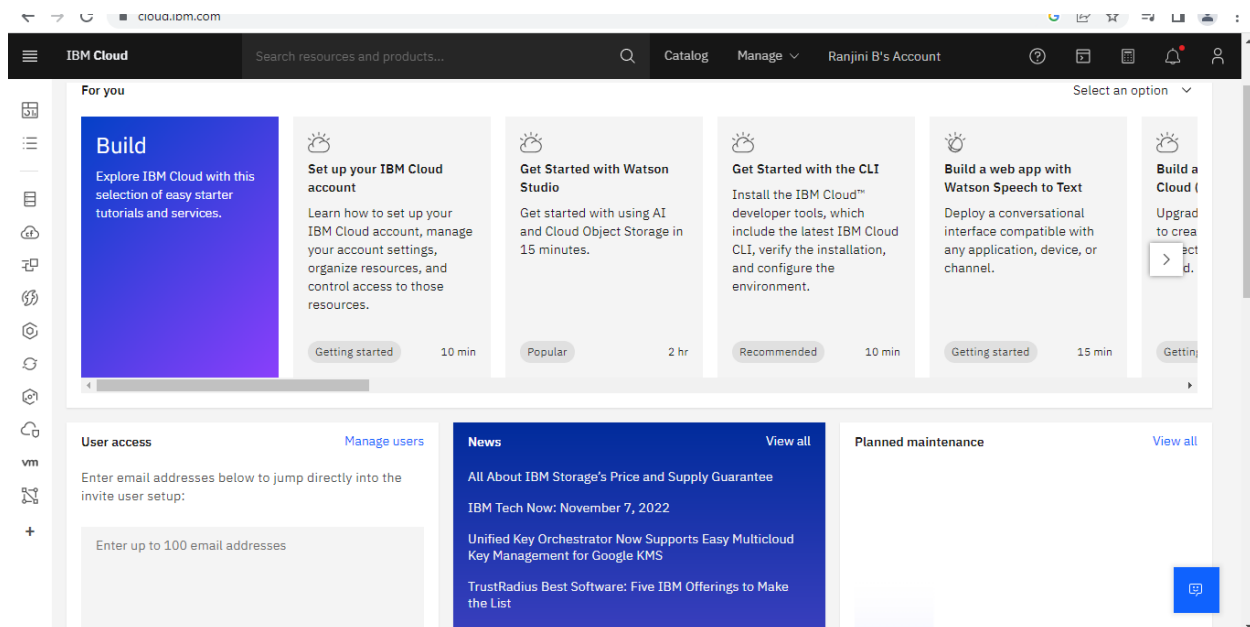
AIM:

To create the IBM Watson IoT platform and device

STEPS:

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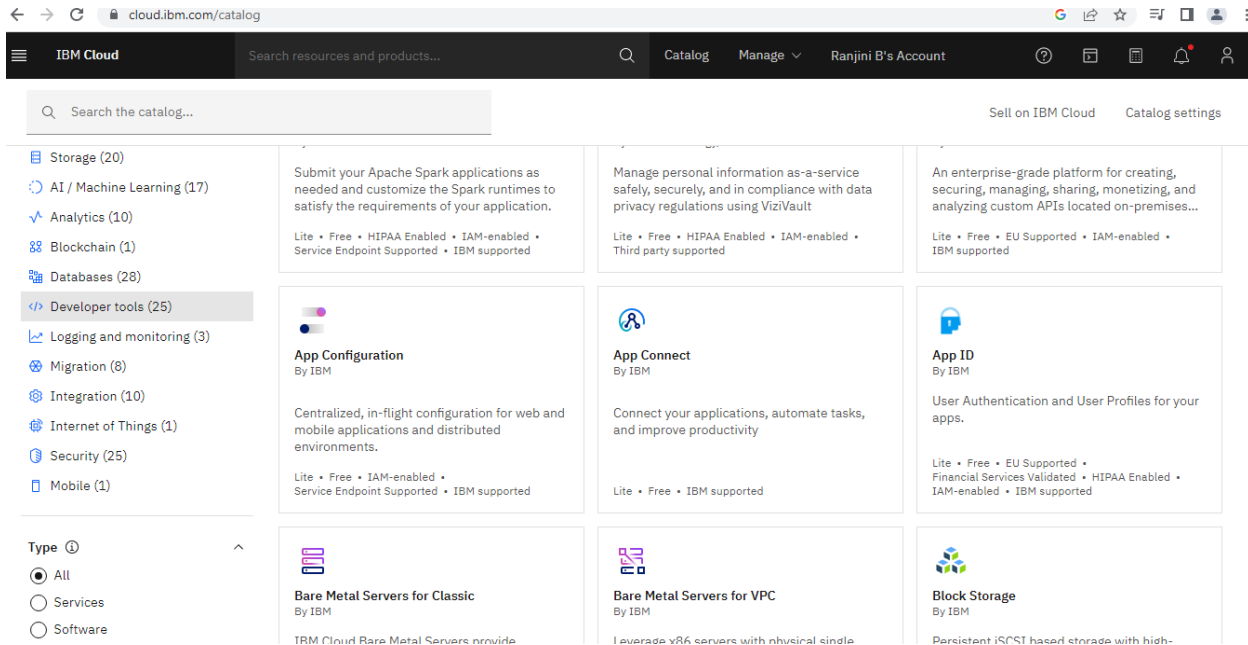
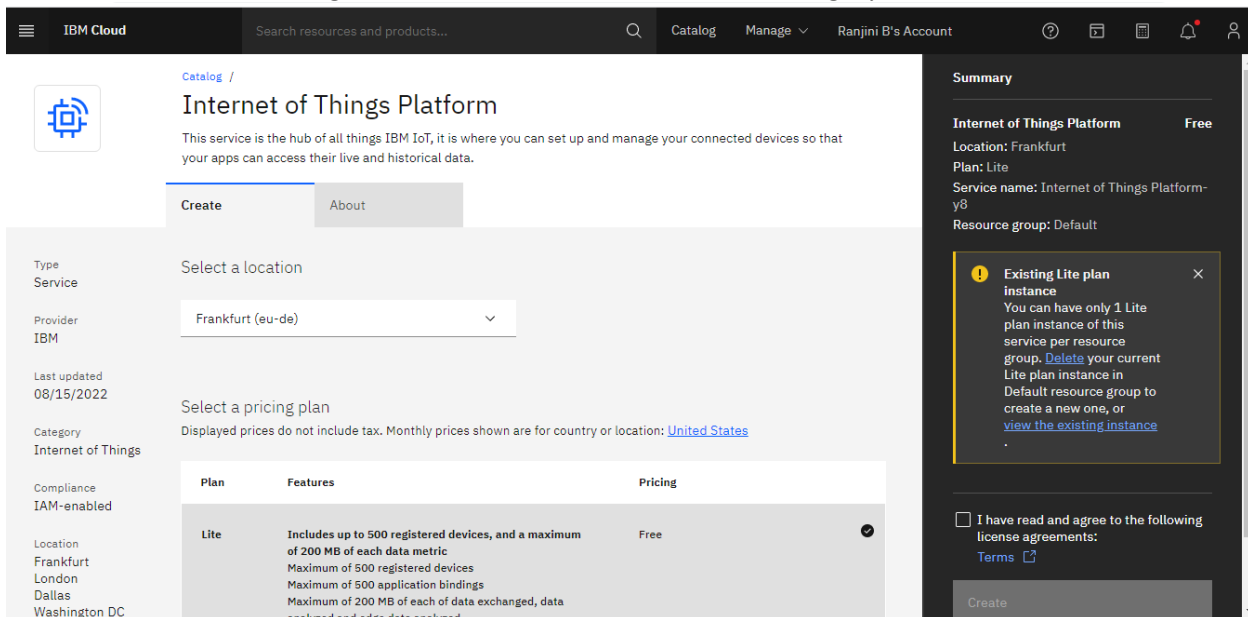

2. Home page of IBM cloud

3. Click on the "catalog" option

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4. Click on "Internet of Things Platform" in the below mentioned category

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

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

7. Internet of Things Platform-Child_safety will be created, where there are different options like manage, plan and connection (manage is for launch, plan is for payment package and its upgrade, and finally connection is for to connect IoT with other services)

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8. Click on the launch option it will directly open to this page

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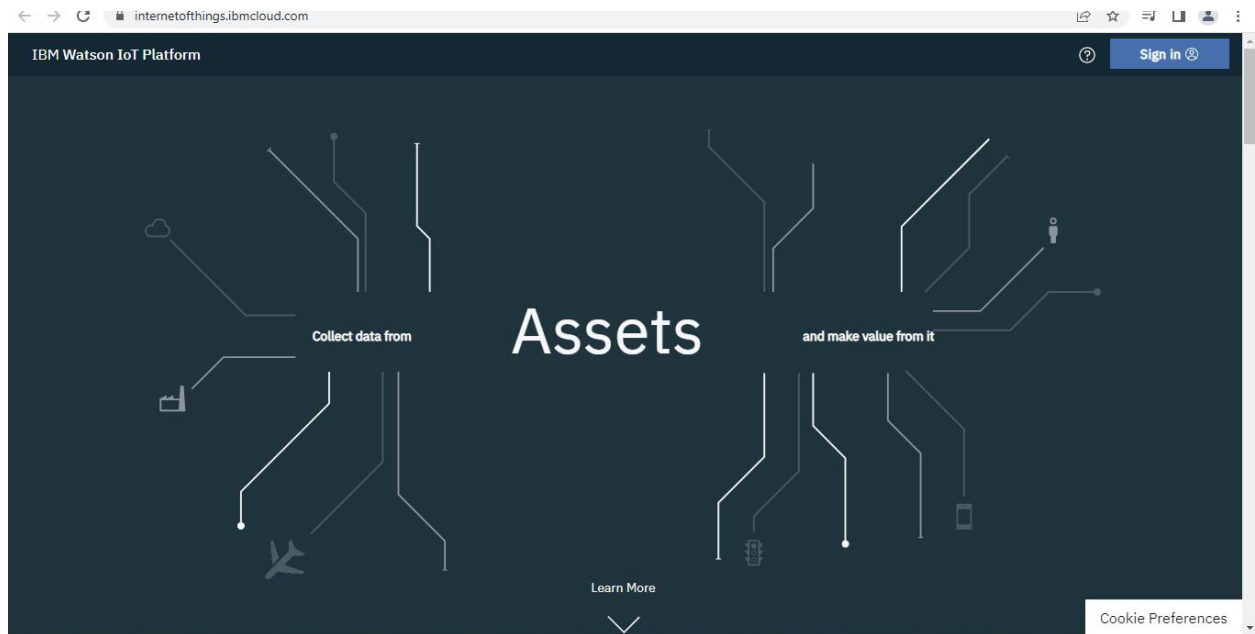
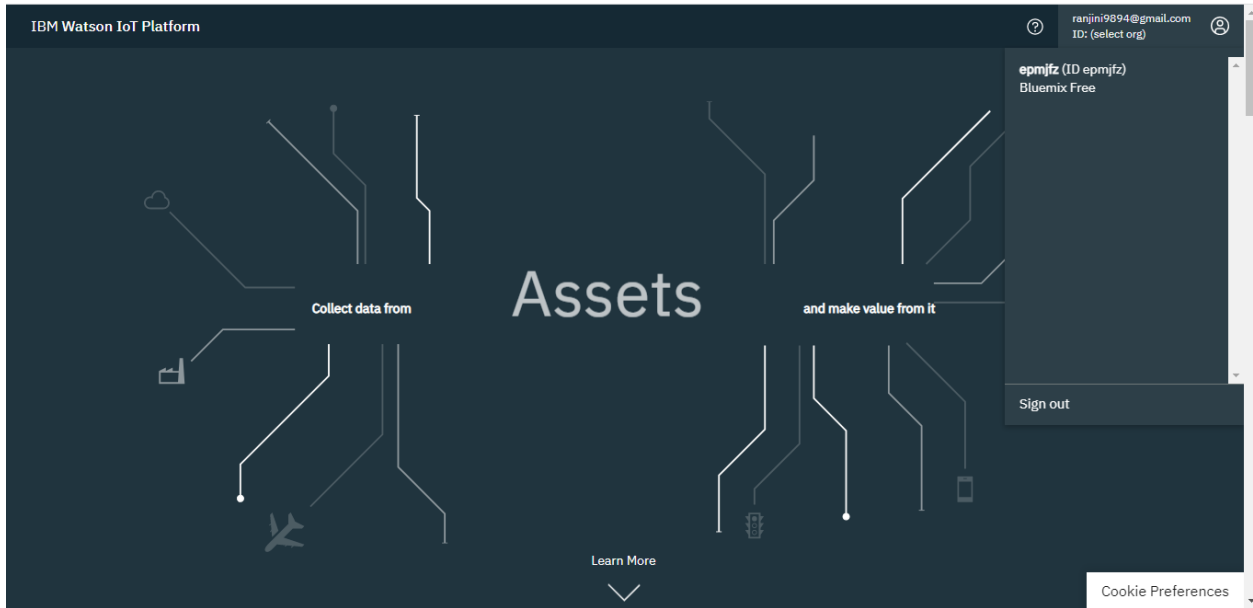9. Click sign in option to give the details of mail id and password to enter the IBM Watson IoT Platform

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

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11. And gain clicking on the launch button will open this tab, the device will help in the creation of the Devices, the addition of the devices, and the display of details of the devices
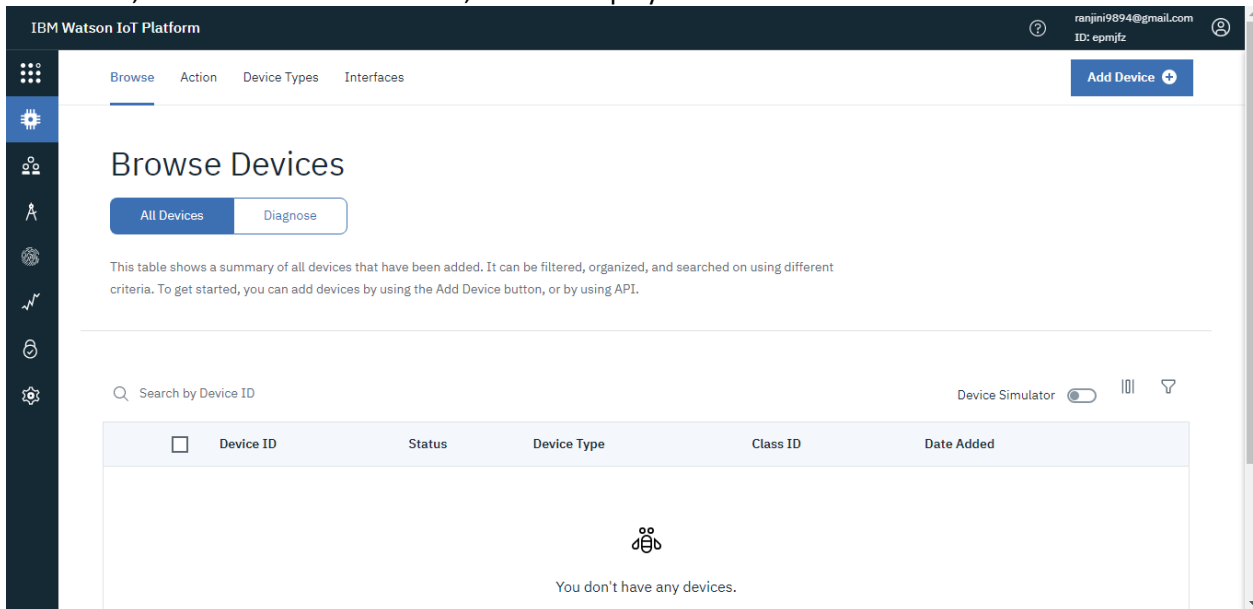
12. The member tab is add the teams members to work in the platform

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

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

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

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

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

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

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Save the details of the device as the authentication tokens are non-recoverable and if misplaced then we have to create a new one.

19. 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.

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In a similar way, we can create n number of devices with a 50 per page limit as per the requirement of project.

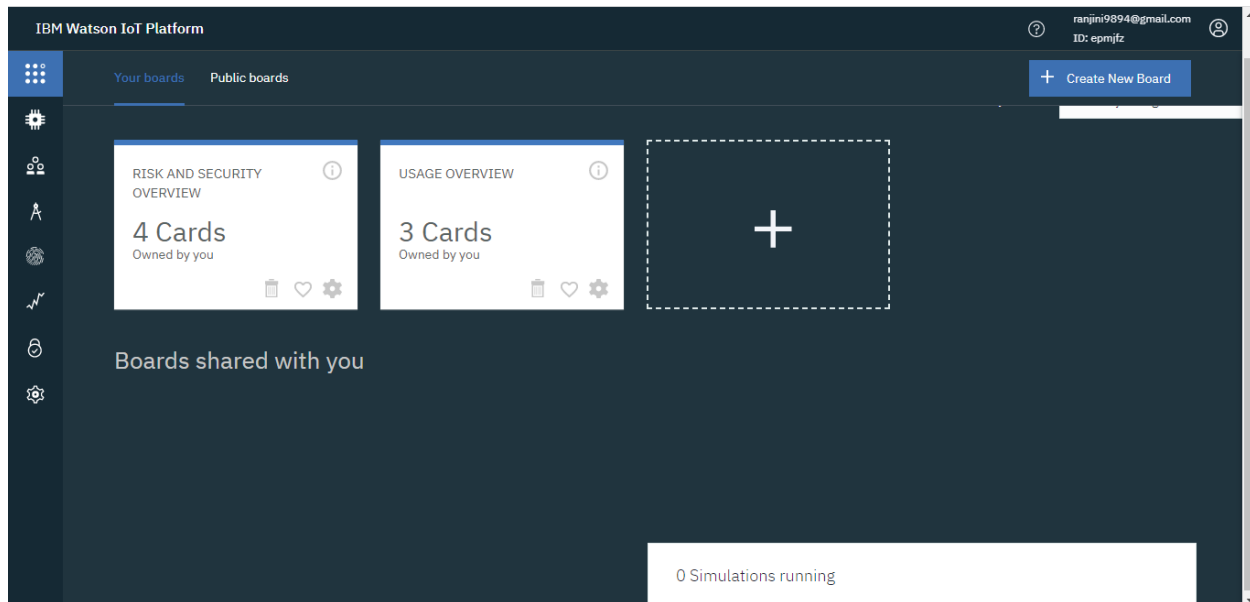20. The board will display card for the project

RESULT:

An IBM Watson cloud for IoT and a device is created

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