CREATE IBM WATSON IOT PLATFORM AND DEVICE

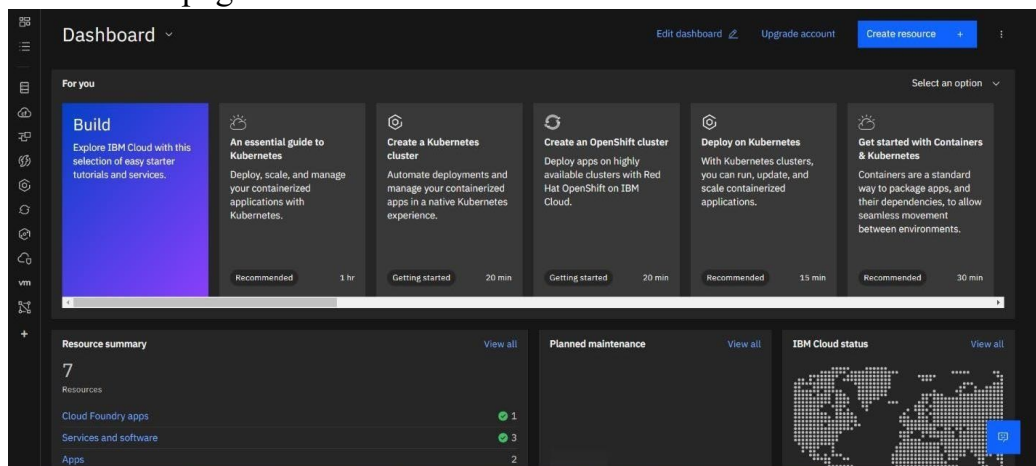| Date	01 October 2022
Team ID	PNT2022TMID32078
Project Name	Project –IOT based smart Crops protection system.

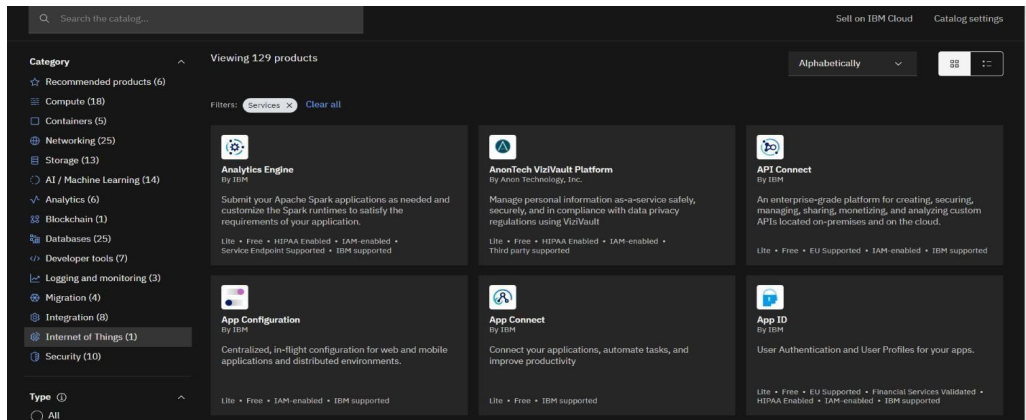1.To createtheIBMWatsonIOT platformanddevice

STEPS:

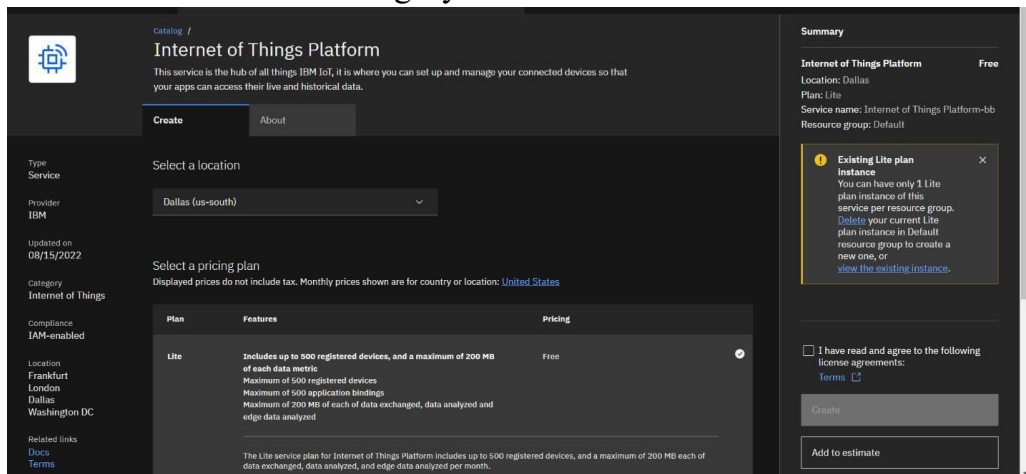1.   CreateanIBMcloudaccountwiththeindividualIBMidandpassword
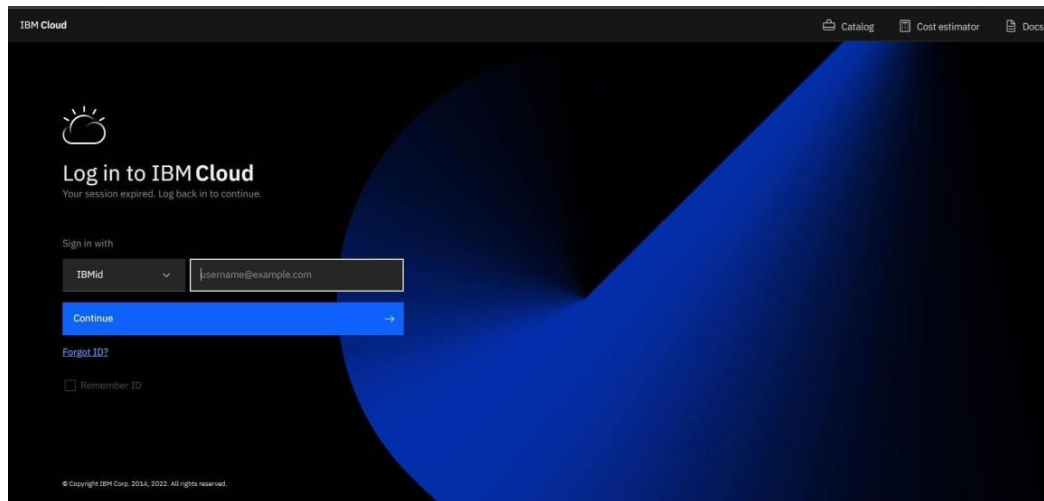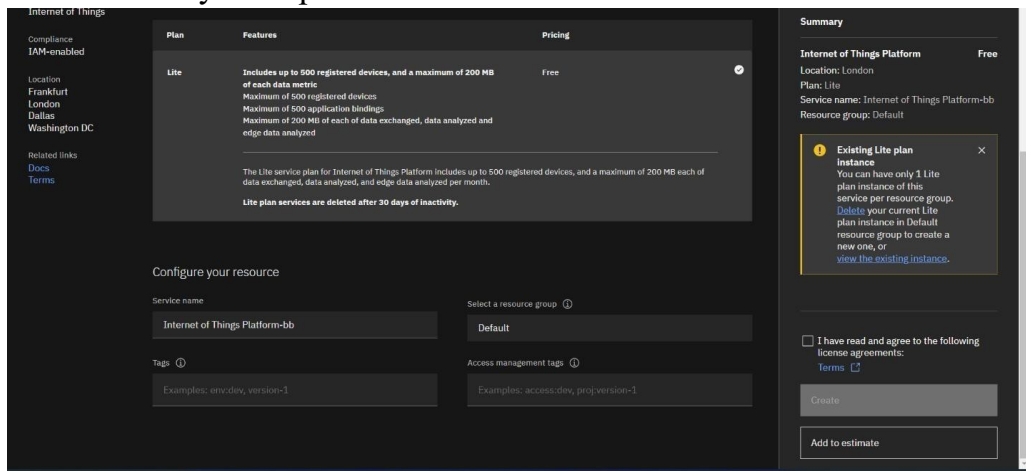

2.   HomepageofIBMcloud

3.   Clickonthecatalogonthetop

4. Click onIoTinthecategorymentioned

5. Ifalreadyaliteispresent deleteitelse ucan't createanother

6. Enter the location and in the configure your resource type the servicename and choose the plan, tick the agree with agreements and then clickoncreate

7.   Clickcreate

8.   Internet of Things Platform crop protection system will be created, where therearedifferentoptionslikemanage,plan,andconnection

9.   manage is for launch, plan gives us the idea about the payment packageand its upgrades, and lastly the connection is for to connect IOT withotherservices
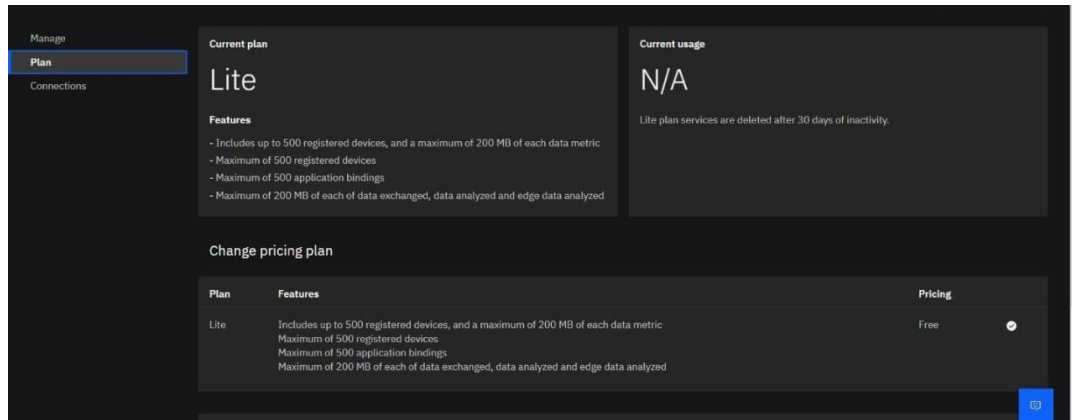
10.   Clickonthelaunchbuttoninthemanagetab,itwillopentothis
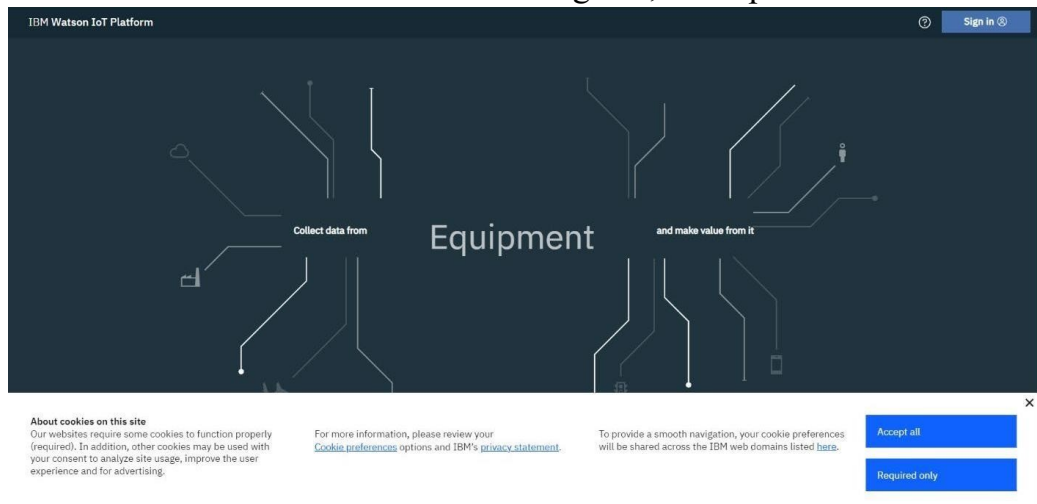
11.   Enterthedetailstosignin to theWatsonCloudtocreateadevice
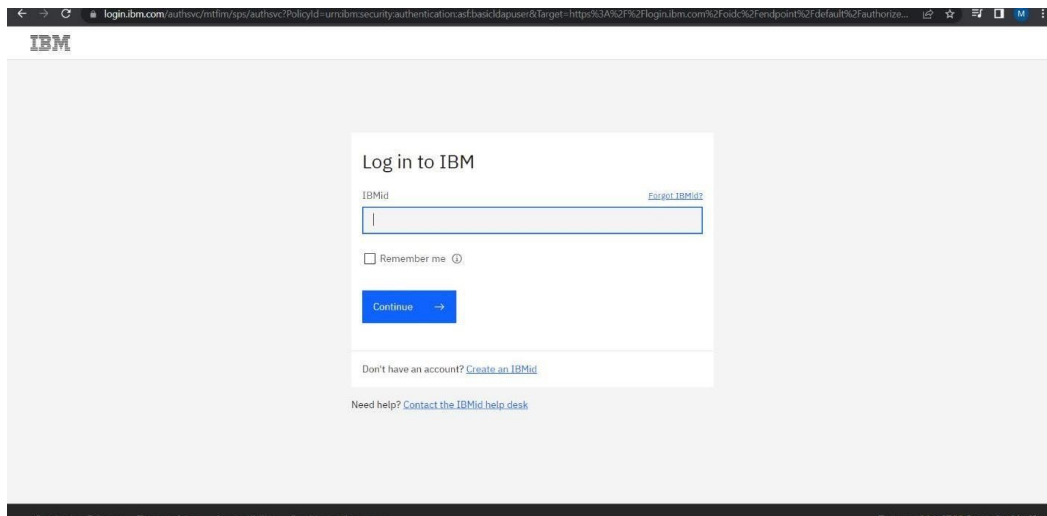
12. Once logged in the name will be displayed and it goes back to the firstpage
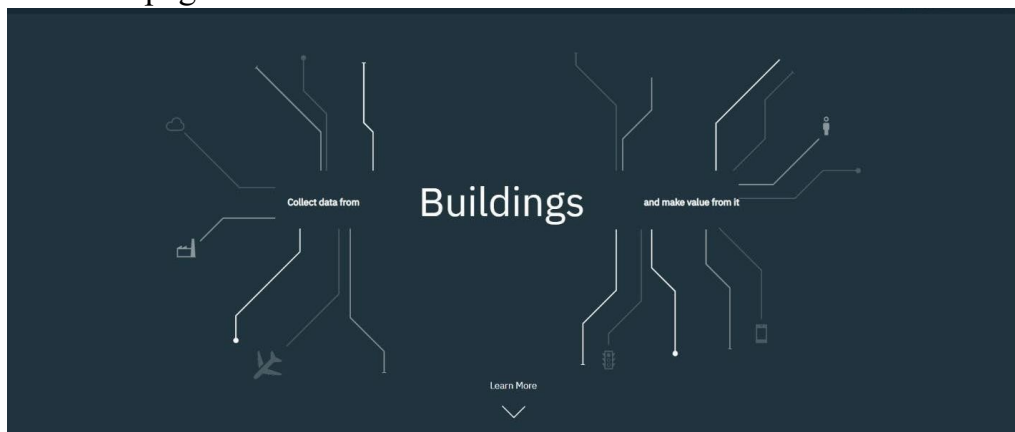
13. And again clicking on the launch button will open this tab, thedevice will help in the creation of the devices, the addition of devices,andthedisplayofdetailsoftdevices.
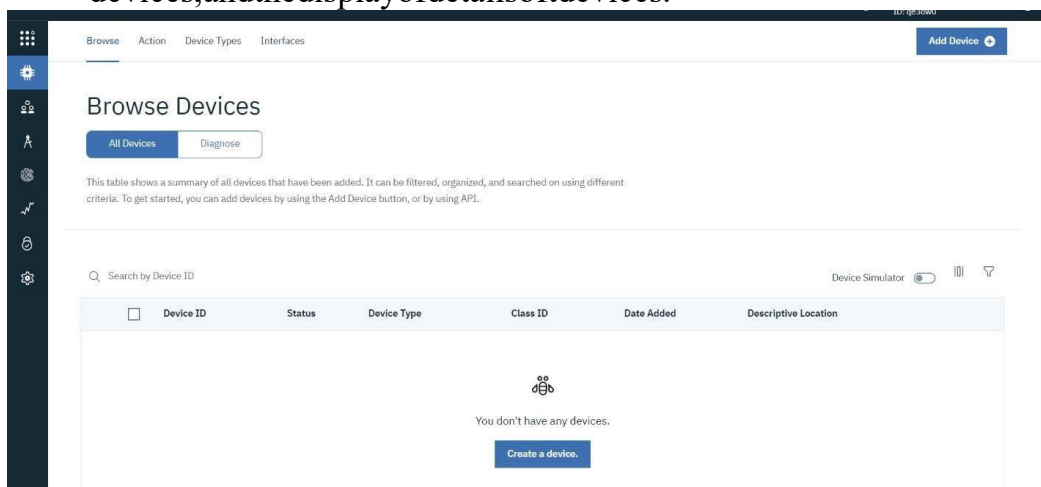
14. The setting tab is used to change the general setting if needed for theproject.
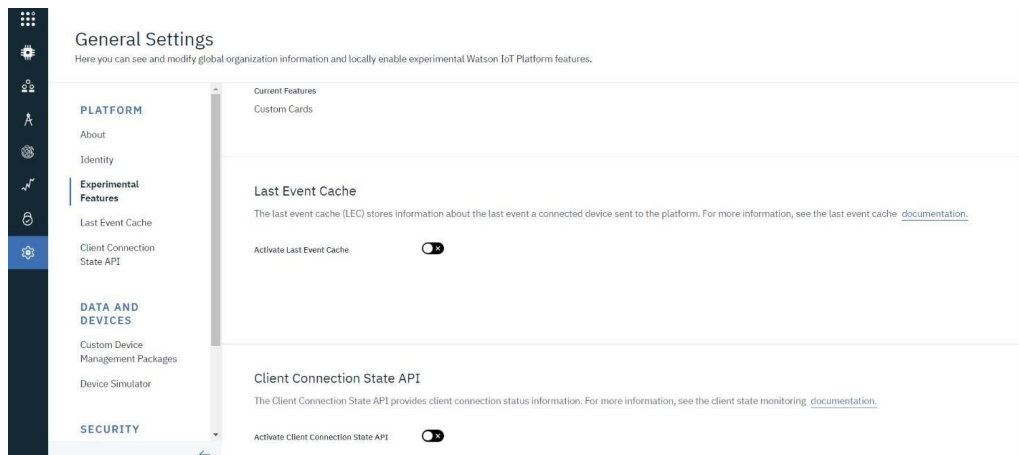
15. In the security tab we can choose the type of security connection andcanchangeaccording to specification
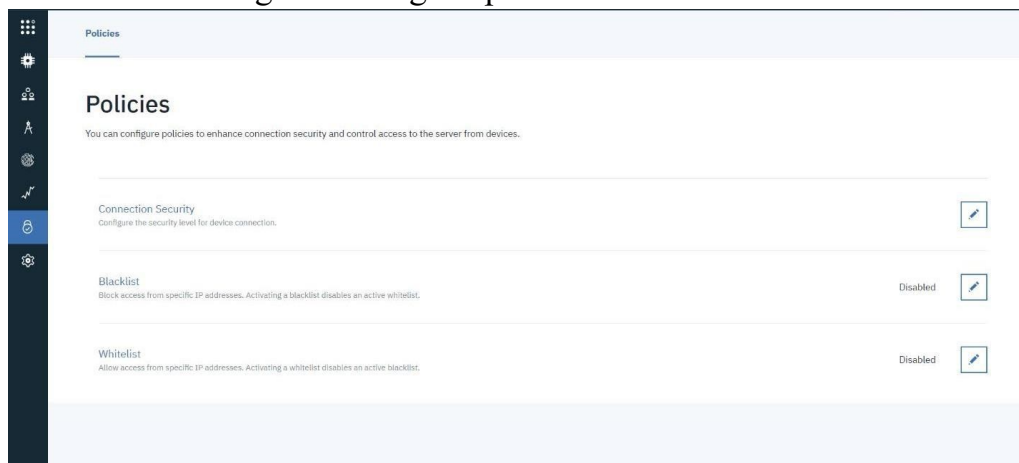
16. Usage gives the summary of how many bytes are used between thedevicesandtheIBMcloud
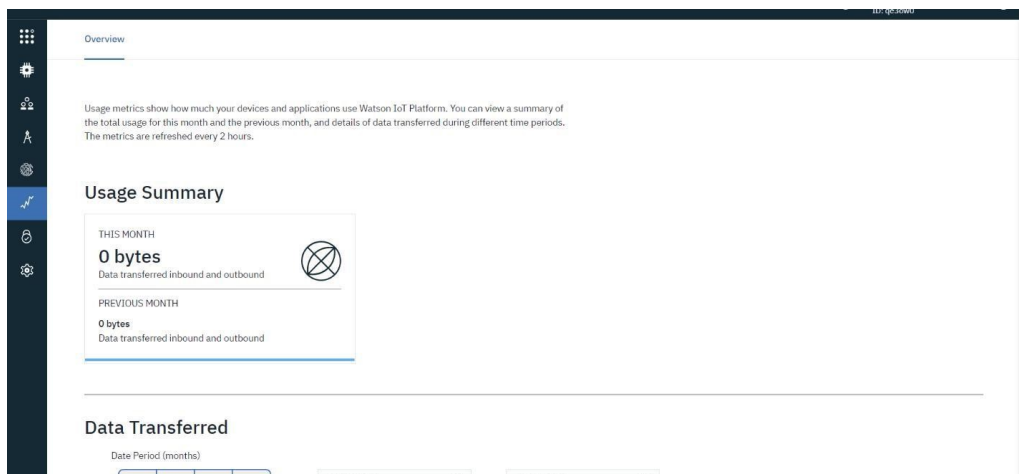
17. Thememdertabisaddtheteamsmemberstoworkintheplatform
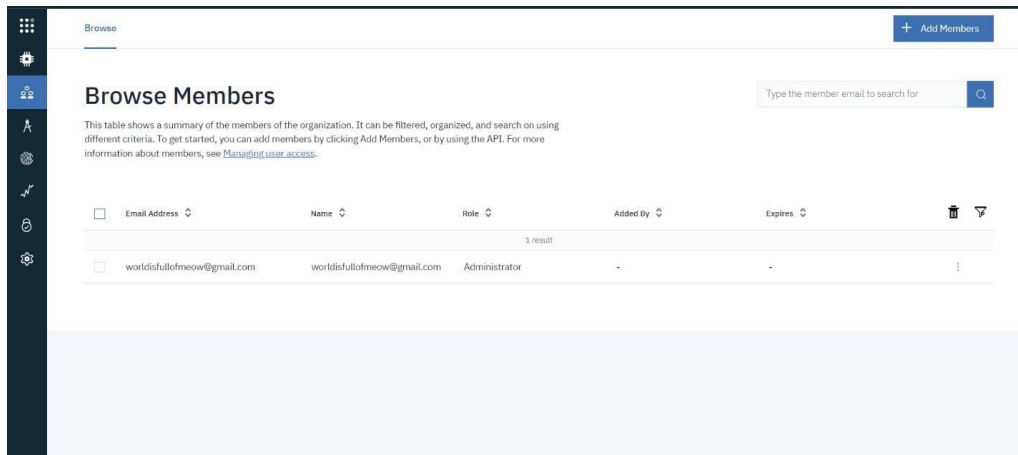
18. This tab is used when you want to connect to some other platform and to integrate with other services.
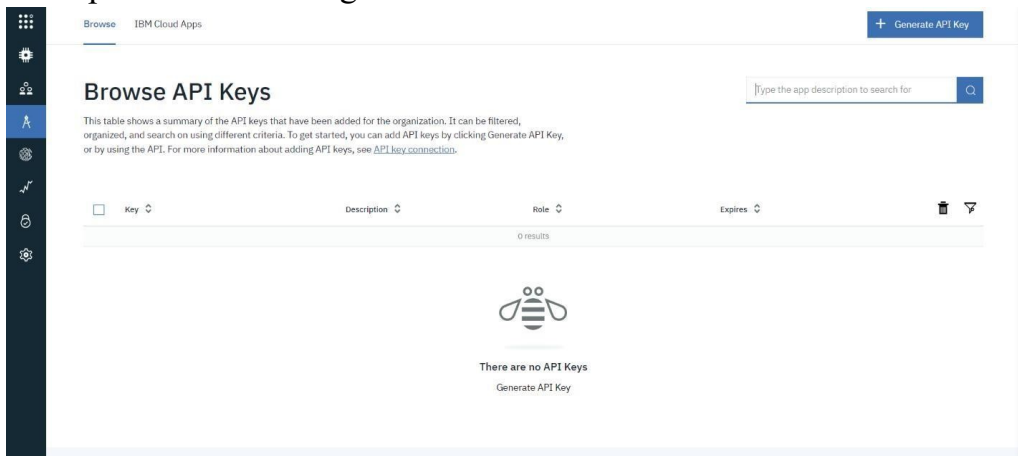
19. Click on the device tab and click on the add device button, then give the device type and device id and click next
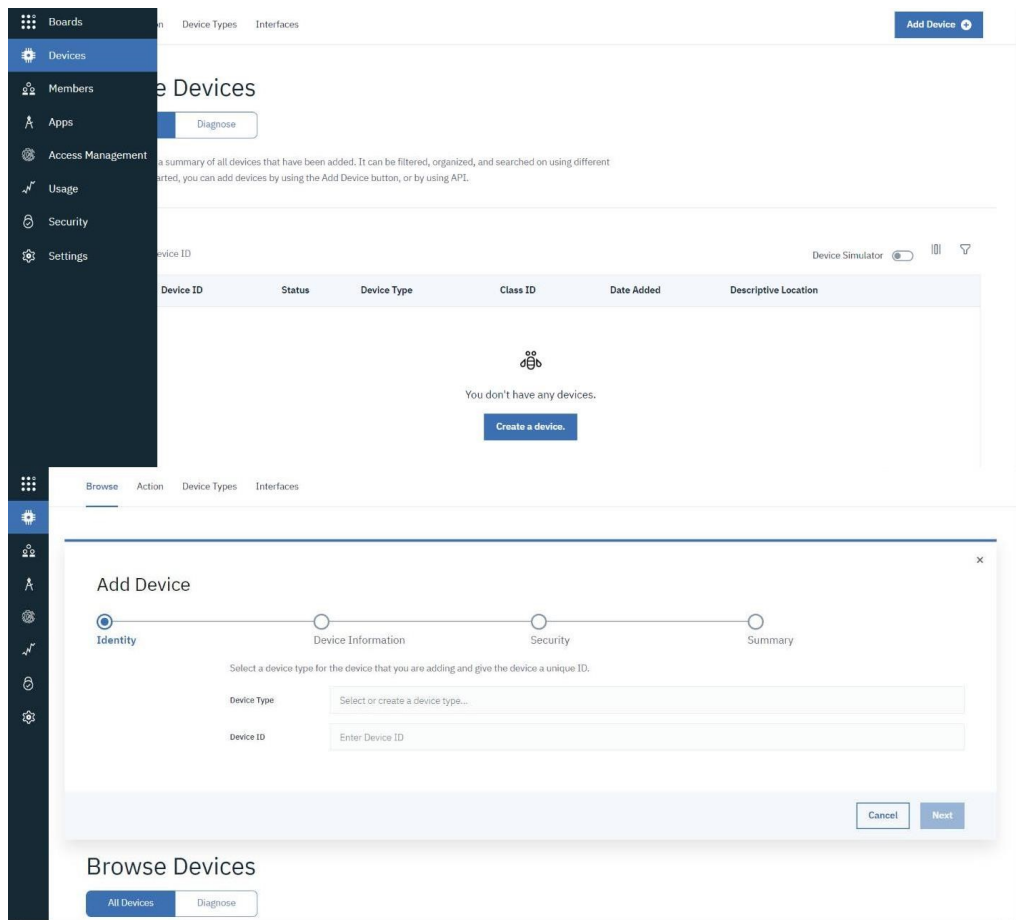
20.   Thispage toenteextradetailsandofthe hardware

21.   Clicking next it goes to the security where we do
        authenticationtokenid.

22. Clicking on next it goes to the summary of the device then clickfinish
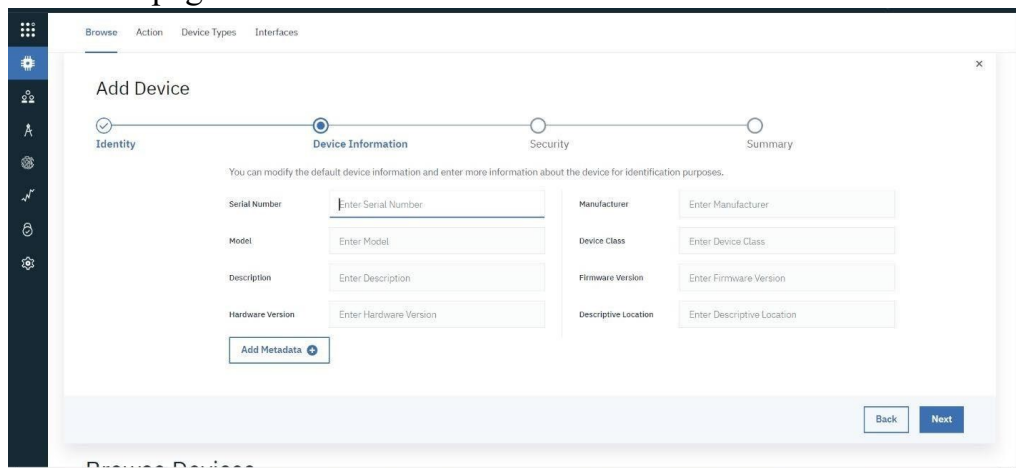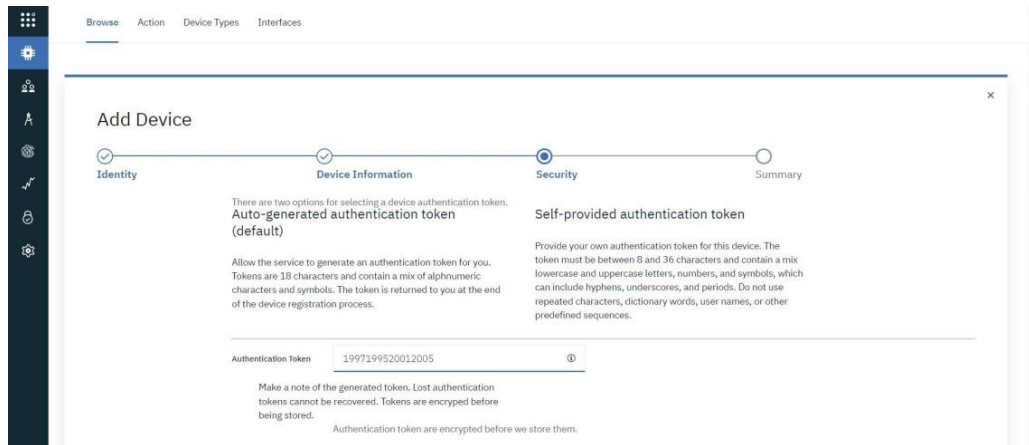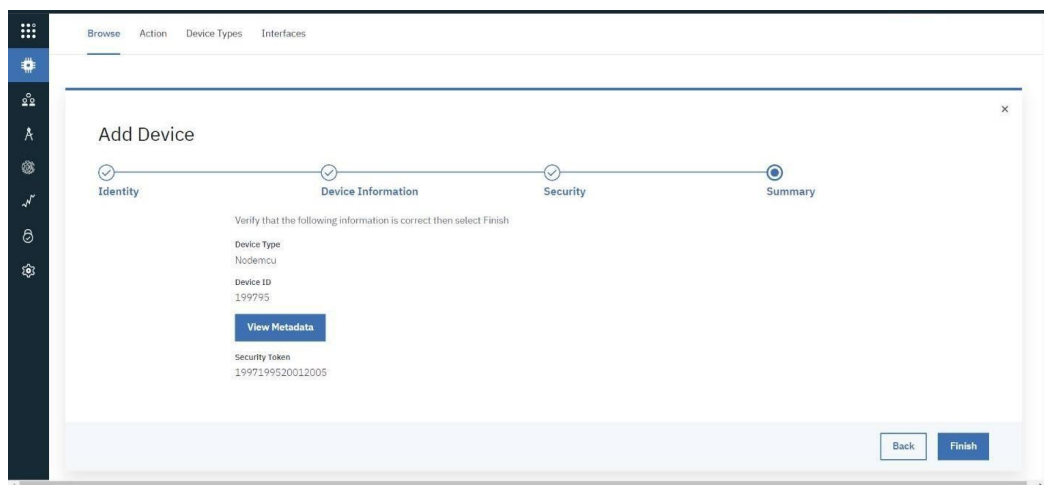

23. Thedevicecredentialswillbedisplayedwithallthedetails

24. Safe the details of the device as the authentication tokens are nonrecoverableandifmisplacedthenwehavetocreateanewone.

25..Clicking on the device tab we can now see the added device. Clickingon it will display the other details. It has different tabs like Identity,DeviceInformation,Stateandlogin.
In a similar way, we can create n number of devices with a 50 per pagelimitaspertherequirementofourproject

26. TheBoardswilldisplaycardfortheproject.
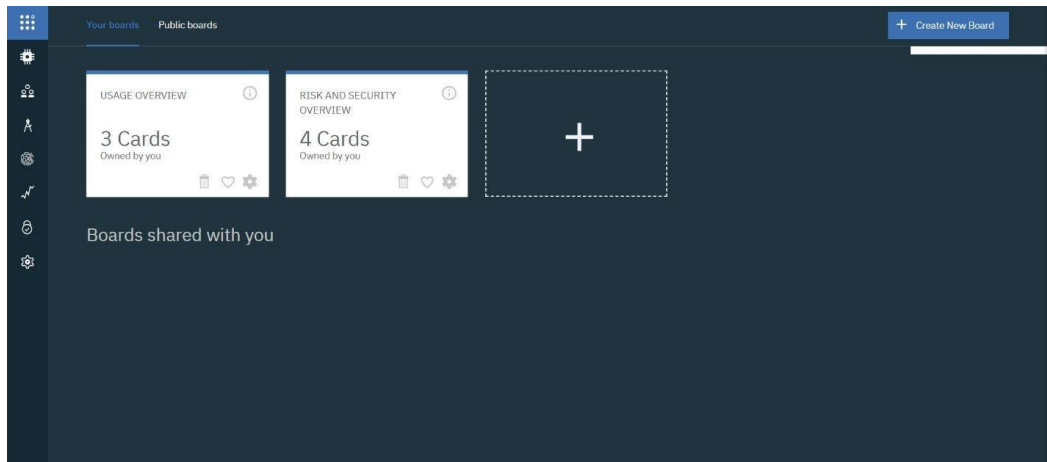
CONCLUSION:

An IBMWatsoncloud for IoTand a deviceiscreated