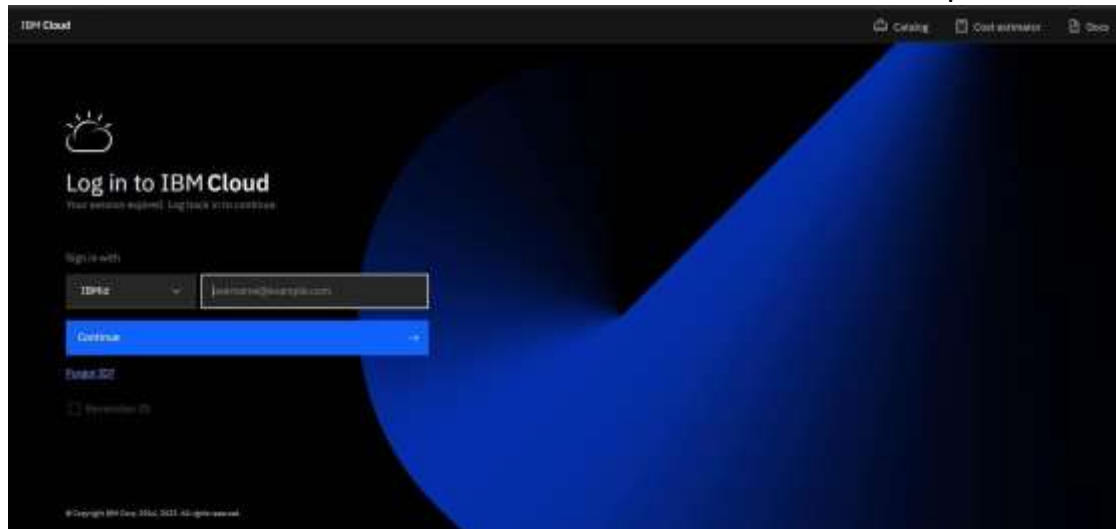


CREATE IBM WATSON IOT PLATFORM AND DEVICE:

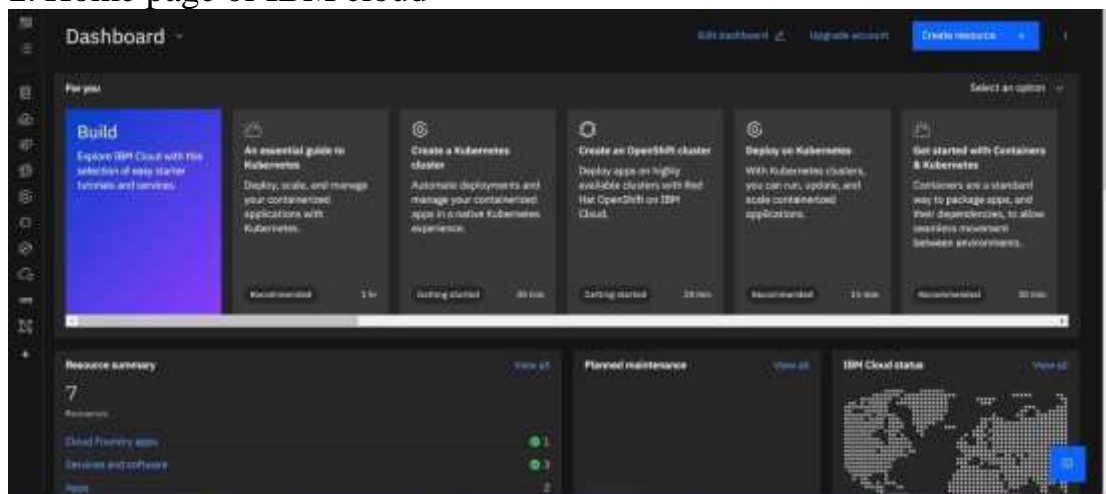
1. To create the IBM Watson IOT platform and device

STEPS:

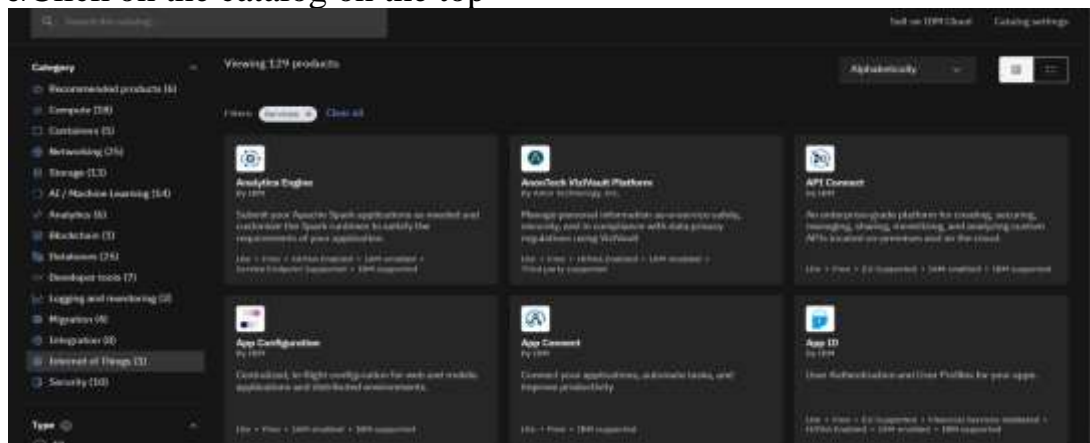
1. create an IBM cloud account with the individual IBM id and password



2. Home page of IBM cloud



3. Click on the catalog on the top



4. Click on IoT in the category mentioned

Internet of Things Platform

This service is the hub of all things IoT 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 **Cancel**

Type
Service

Provider
IBM

Updated on
08/11/2022

Category
Internet of Things

Compatibility
IAM-enabled

Location
Frankfurt
London
Dallas
Washington DC

Related links
Docs
Terms

Select a location

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

Plan	Features	Pricing
Lite	Includes up to 100 registered devices, and a maximum of 200 MB of each data metric. Maximum of 100 registered devices. Maximum of 100 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 100 registered devices, and a maximum of 200 MB each of data exchanged, data analyzed, and edge data analyzed per month.

Summary

Internet of Things Platform Free

Location: Dallas

Plan: Lite

Service name: Internet of Things Platform-00

Resource group: Default

Existing Lite plan instance: You can have only 5 Lite plan instances of this service per resource group. Delete your current Lite plan instance in Default resource group to create a new one, or use 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

This service is the hub of all things IoT 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 **Cancel**

Type
Service

Provider
IBM

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The Lite service plan for Internet of Things Platform includes up to 100 registered devices, and a maximum of 200 MB each of data exchanged, data analyzed, and edge data analyzed per month.

Configure your resource

Service name
Internet of Things Platform-00

Select a resource group
Default

Tags
Example: application, version:1

Resource management tags
Example: application, version:1

Summary

Internet of Things Platform Free

Location: Dallas

Plan: Lite

Service name: Internet of Things Platform-00

Resource group: Default

Existing Lite plan instance: You can have only 5 Lite plan instances of this service per resource group. Delete your current Lite plan instance in Default resource group to create a new one, or use the existing instance.

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

Create

Add to estimate

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

Internet of Things Platform

This service is the hub of all things IoT 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 **Cancel**

Type
Service

Provider
IBM

Updated on
08/11/2022

Category
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Compatibility
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Location
Frankfurt
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Washington DC

Related links
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Select a location

Select a pricing plan
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Plan	Features	Pricing
Lite	Includes up to 100 registered devices, and a maximum of 200 MB of each data metric. Maximum of 100 registered devices. Maximum of 100 application bindings. Maximum of 200 MB of each of data exchanged, data analyzed and edge data analyzed.	Free

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Configure your resource

Service name
Internet of Things Platform-00

Select a resource group
Default

Tags
Example: application, version:1

Resource management tags
Example: application, version:1

Summary

Internet of Things Platform Free

Location: Dallas

Plan: Lite

Service name: Internet of Things Platform-00

Resource group: Default

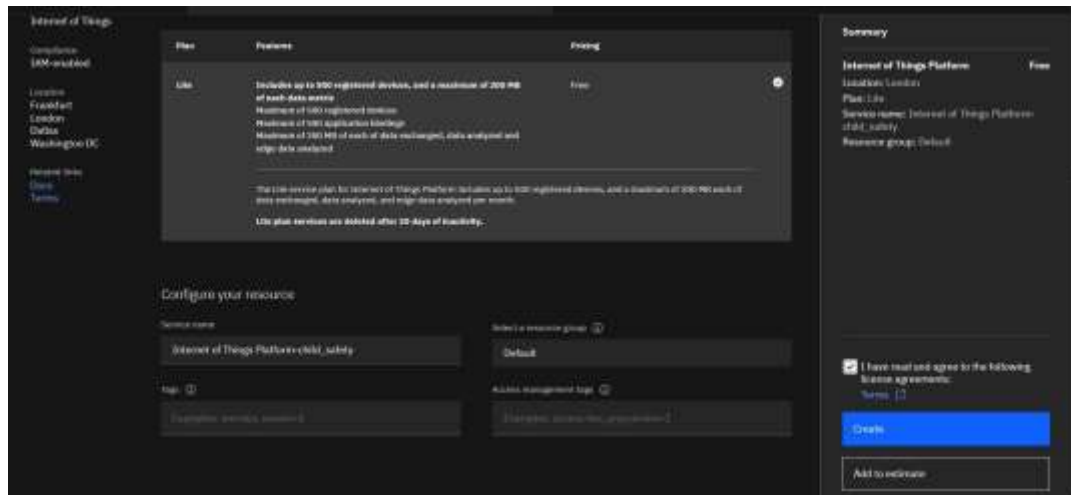
Existing Lite plan instance: You can have only 5 Lite plan instances of this service per resource group. Delete your current Lite plan instance in Default resource group to create a new one, or use the existing instance.

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

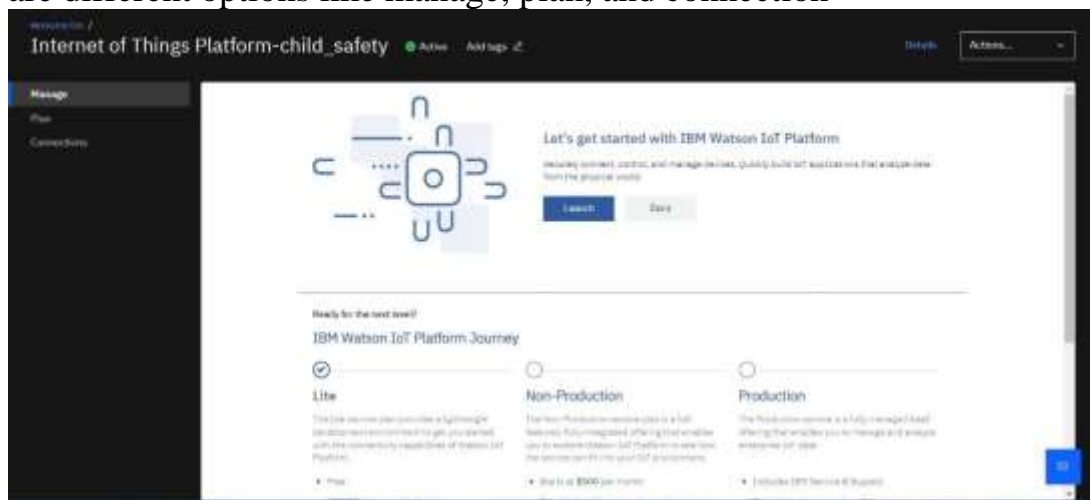
Create

Add to estimate

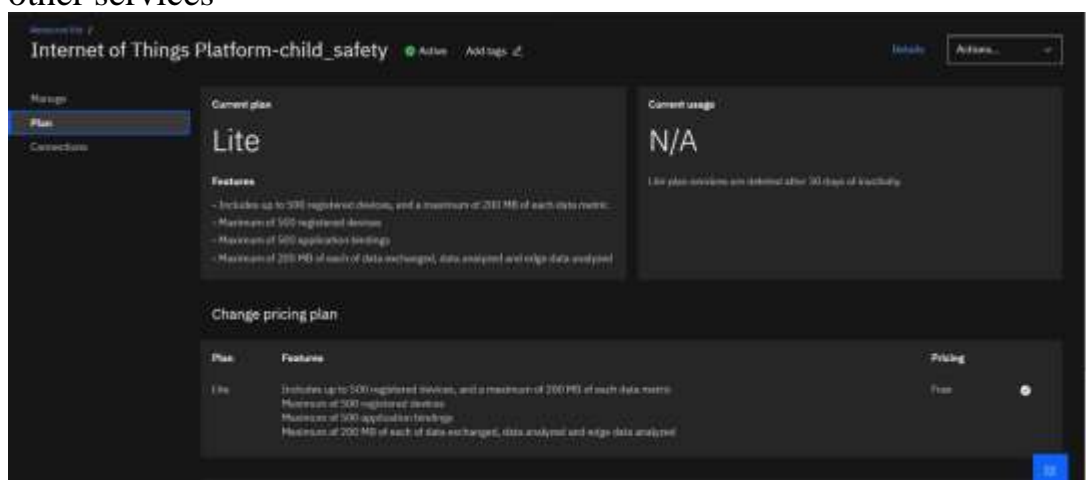
7. click create



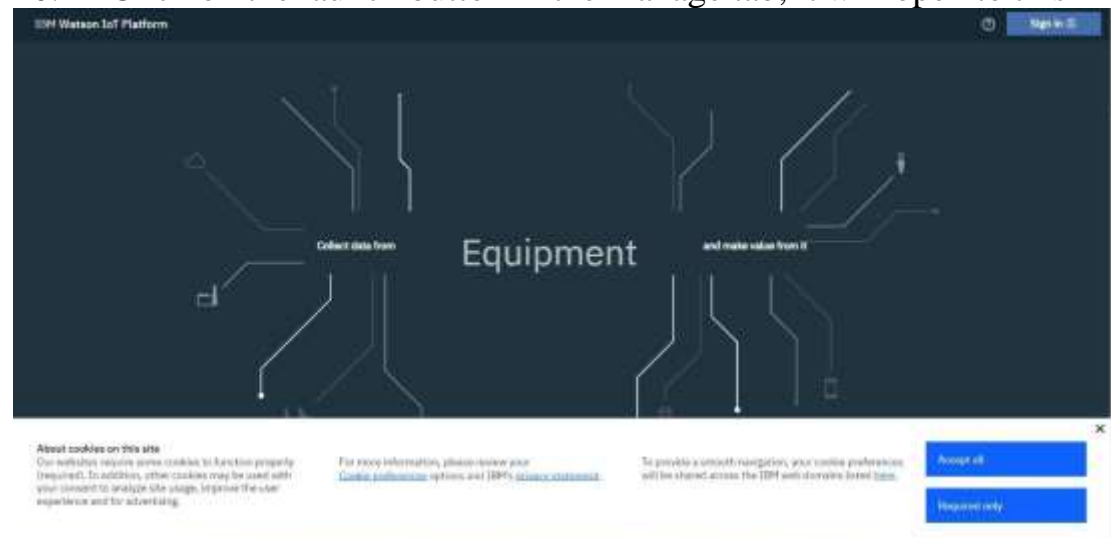
8. Internet of Things Platform Child_safety will be created, where there are different options like manage, plan, and connection



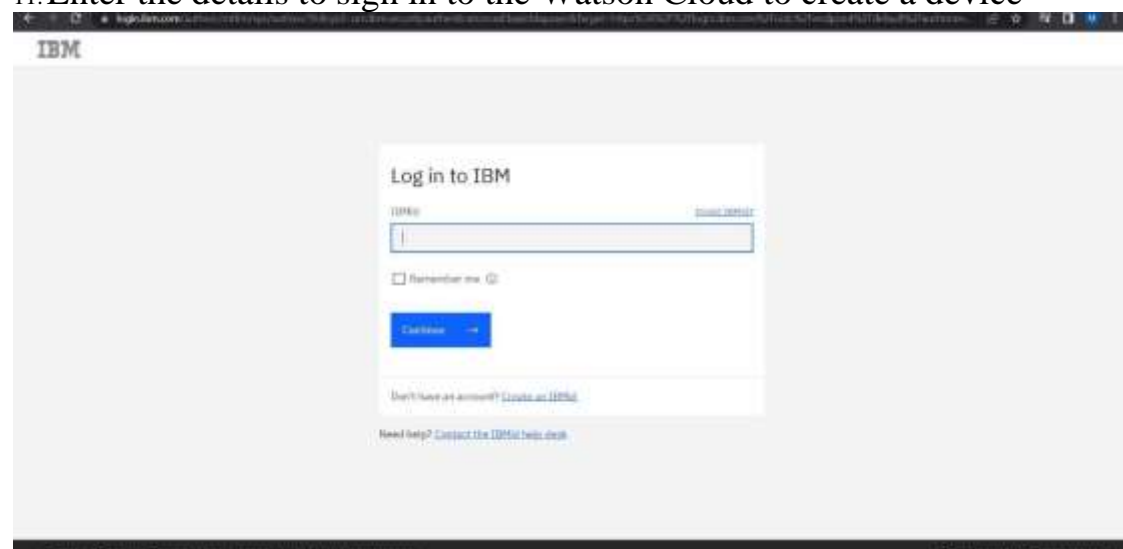
9. manage is for launch, plan gives us the idea about the payment package and its upgrades, and lastly the connection is for to connect IOT with other services



10. Click on the launch button in the manage tab, it will open to this



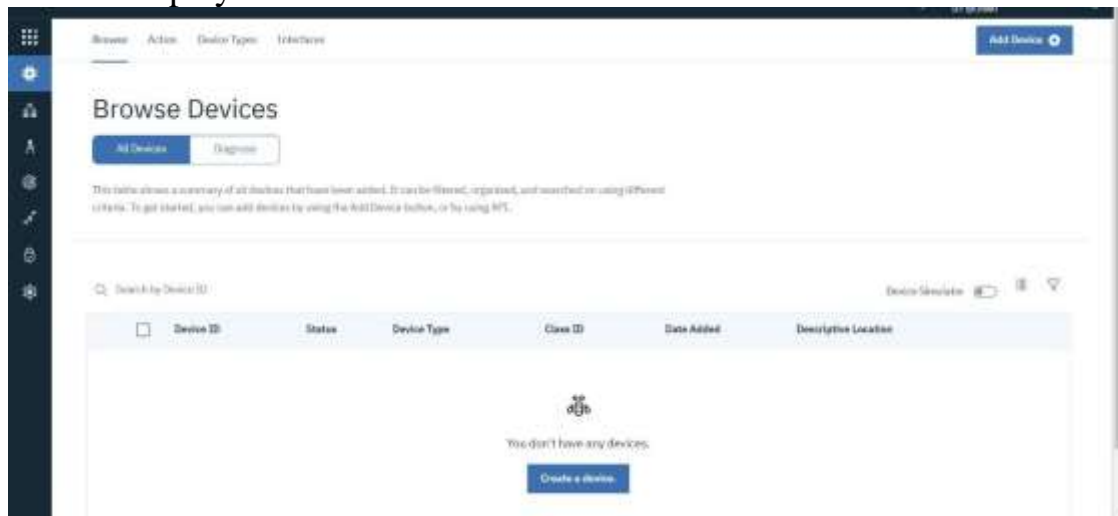
11. Enter the details to sign in to the Watson Cloud to create a device



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



13. 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.



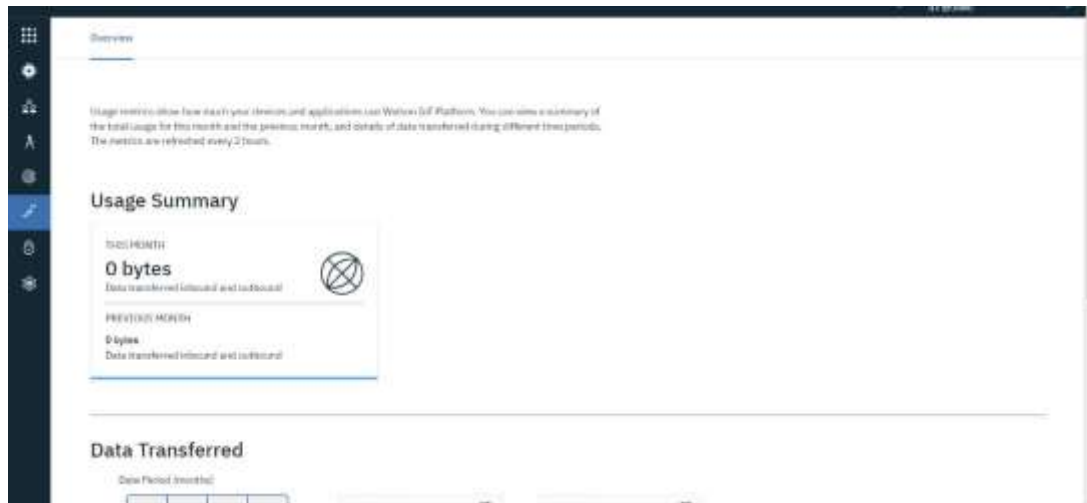
14. The setting tab is used to change the general setting if needed for the project.



15. In the security tab we can choose the type of security connection and can change according to specification



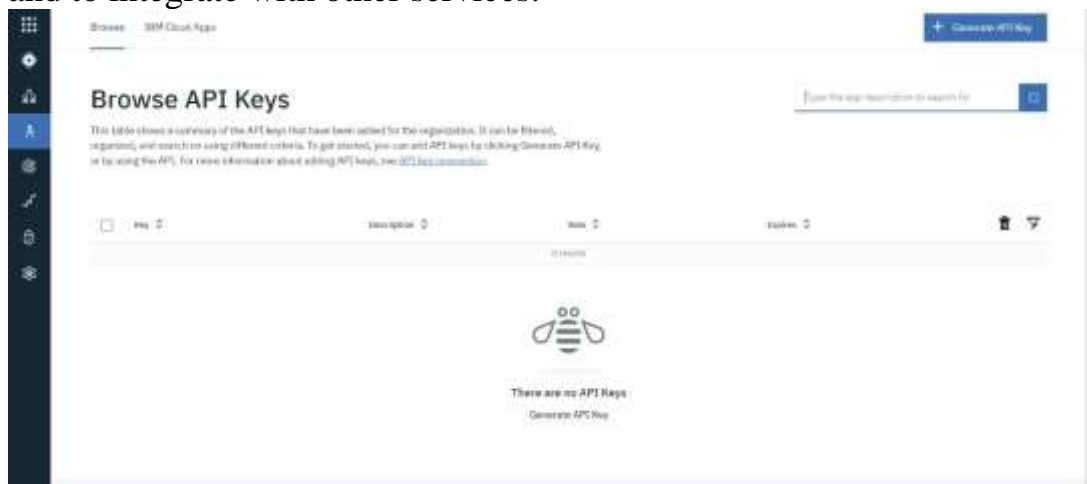
16. Usage gives the summary of how many bytes are used between the devices and the IBM cloud



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



18. This tab is used when you want to connect to some other platform and to integrate with other services.



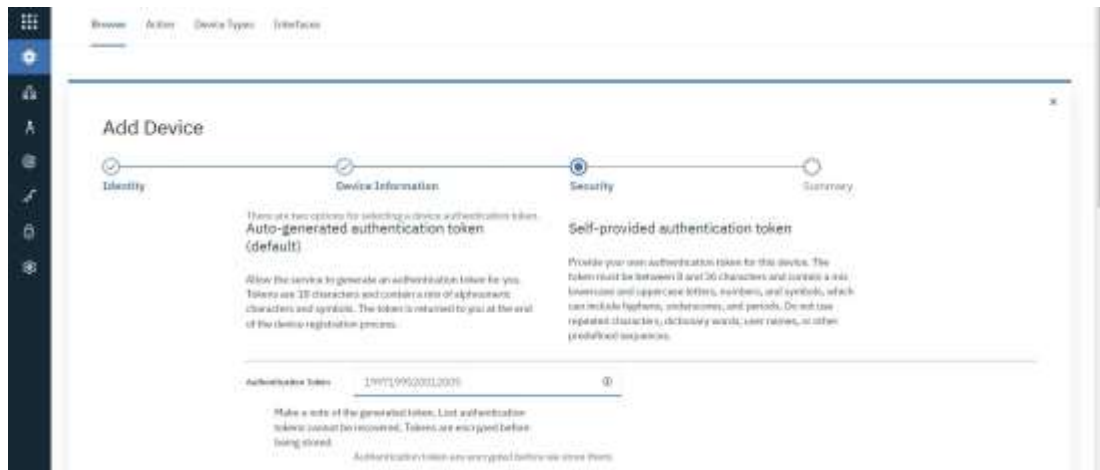
19. Click on the device tab and click on the add device button, then give the device type and device id and click next

The screenshot shows the 'Add Device' form in the 'Identity' step. The form has a progress bar at the top with four steps: Identity, Device Information, Security, and Summary. The 'Identity' step is currently active. Below the progress bar, there is a text input field for 'Device Type' and a text input field for 'Device ID'. At the bottom right of the form, there are 'Cancel' and 'Next' buttons. The background shows a table with columns: Device ID, Status, Device Type, Class ID, Date Added, and Descriptive Location. The table is currently empty, and a 'Create a Device' button is visible below it.

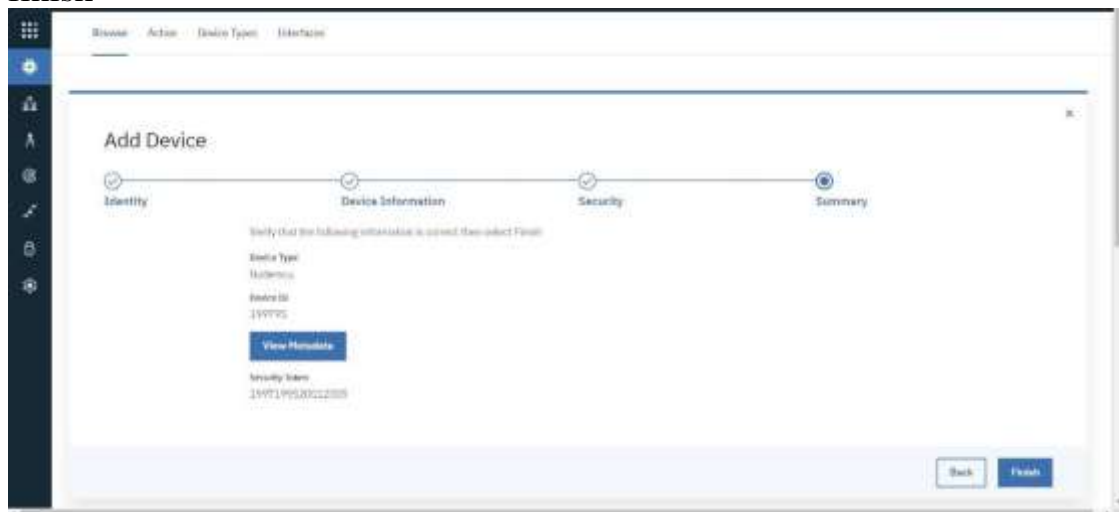
20. This page to enter extra details and of the hardware

The screenshot shows the 'Add Device' form in the 'Device Information' step. The form has a progress bar at the top with four steps: Identity, Device Information, Security, and Summary. The 'Device Information' step is currently active. Below the progress bar, there is a text input field for 'Serial Number' and a text input field for 'Manufacturer'. There are also text input fields for 'Model', 'Description', 'Hardware Version', 'Device Class', 'Firmware Version', and 'Descriptive Location'. At the bottom right of the form, there are 'Back' and 'Next' buttons. The background shows a table with columns: Device ID, Status, Device Type, Class ID, Date Added, and Descriptive Location. The table is currently empty, and a 'Create a Device' button is visible below it.

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



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



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

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

25..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.

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

per the requirement of our project

26. The Boards will display card for the project.



CONCLUSION:

An IBM Watson cloud for IoT and a device is created