

# CREATE IBM WATSON IOT PLATFORM AND DEVICE CREATE IBM WATSON IOT PLATFORM AND DEVICE

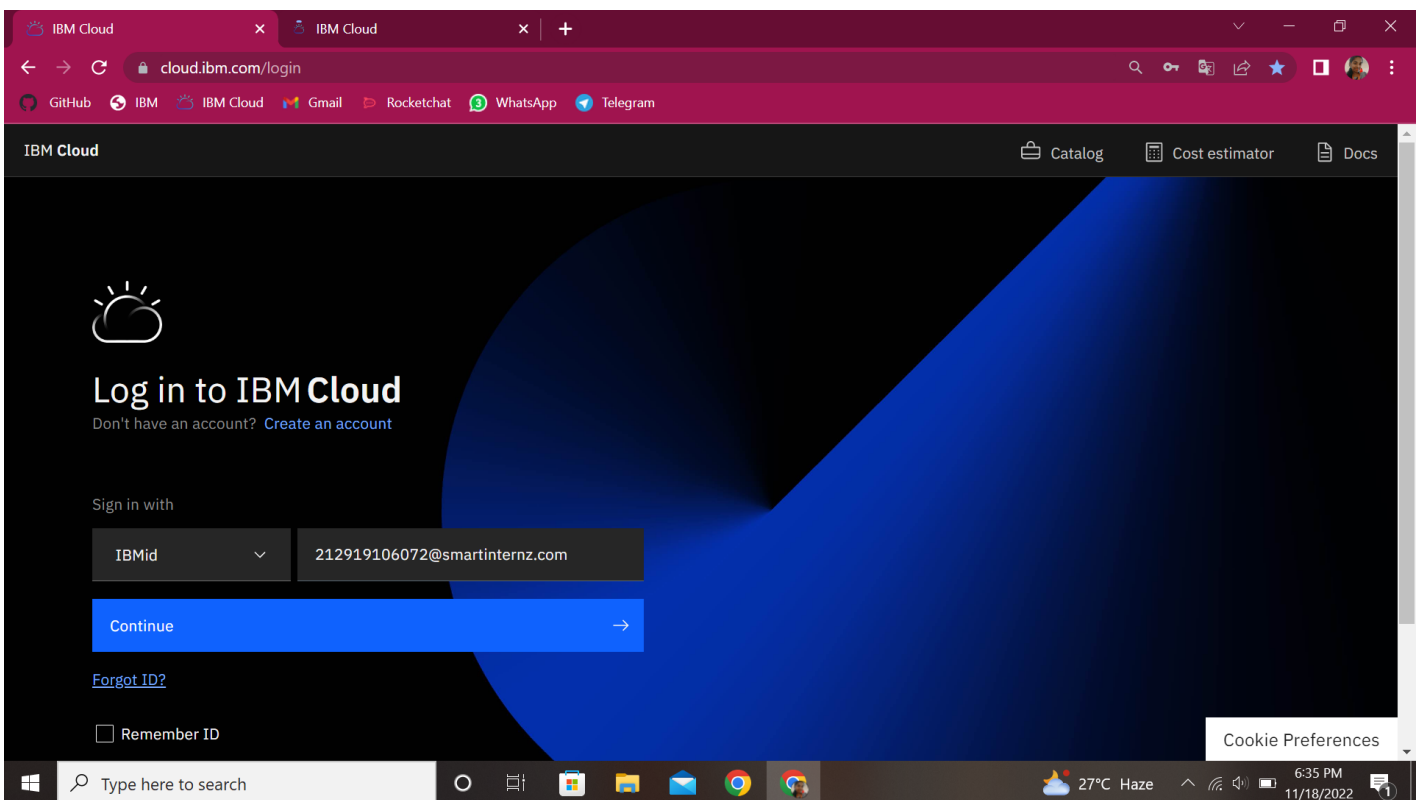
|              |   |
|--------------|---|
| Date         | 9 November 2022   |
| Team ID      | PNT2022TMID26658  |
| Project Name | Smart waste management using IOT in metropolitan cities |

## AIM:

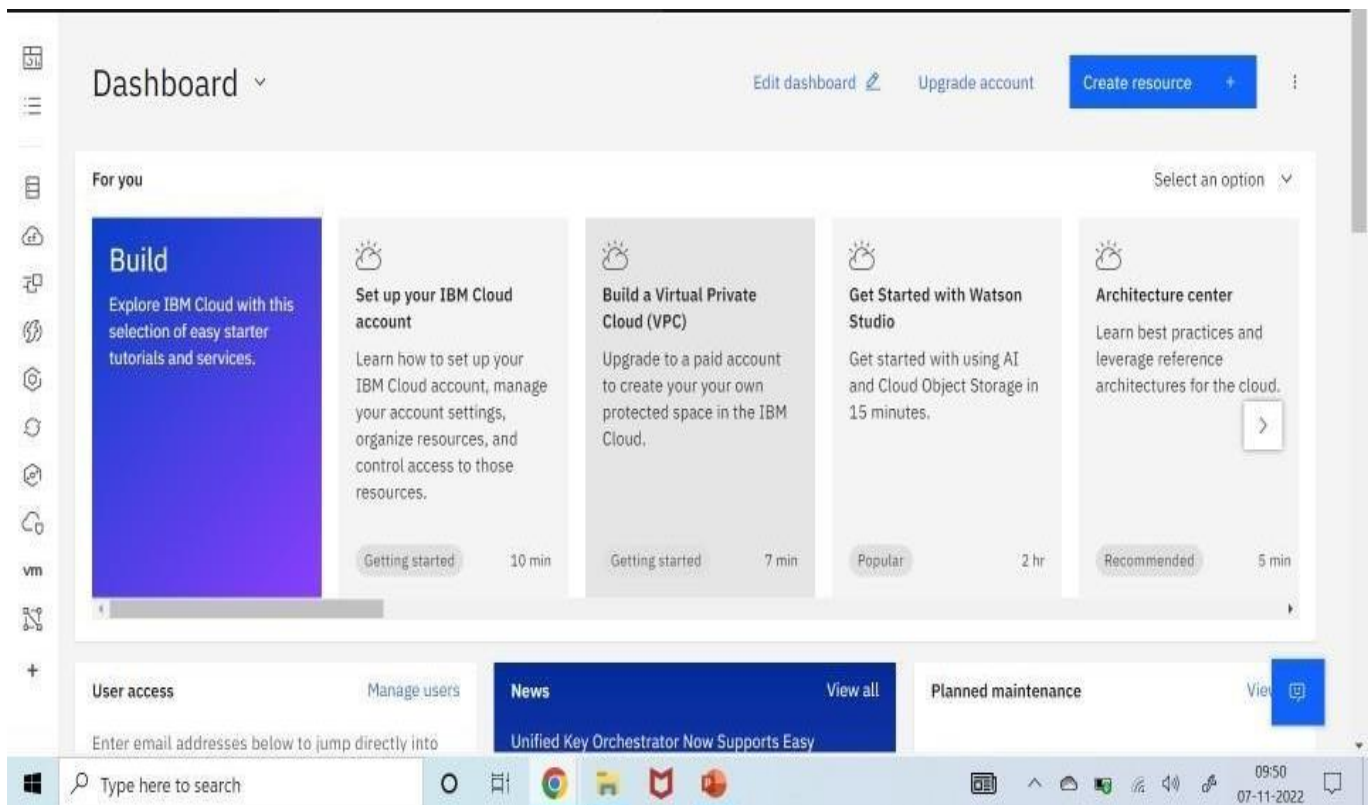
To create the IBM Watson IoT platform and device.

## Steps to be followed

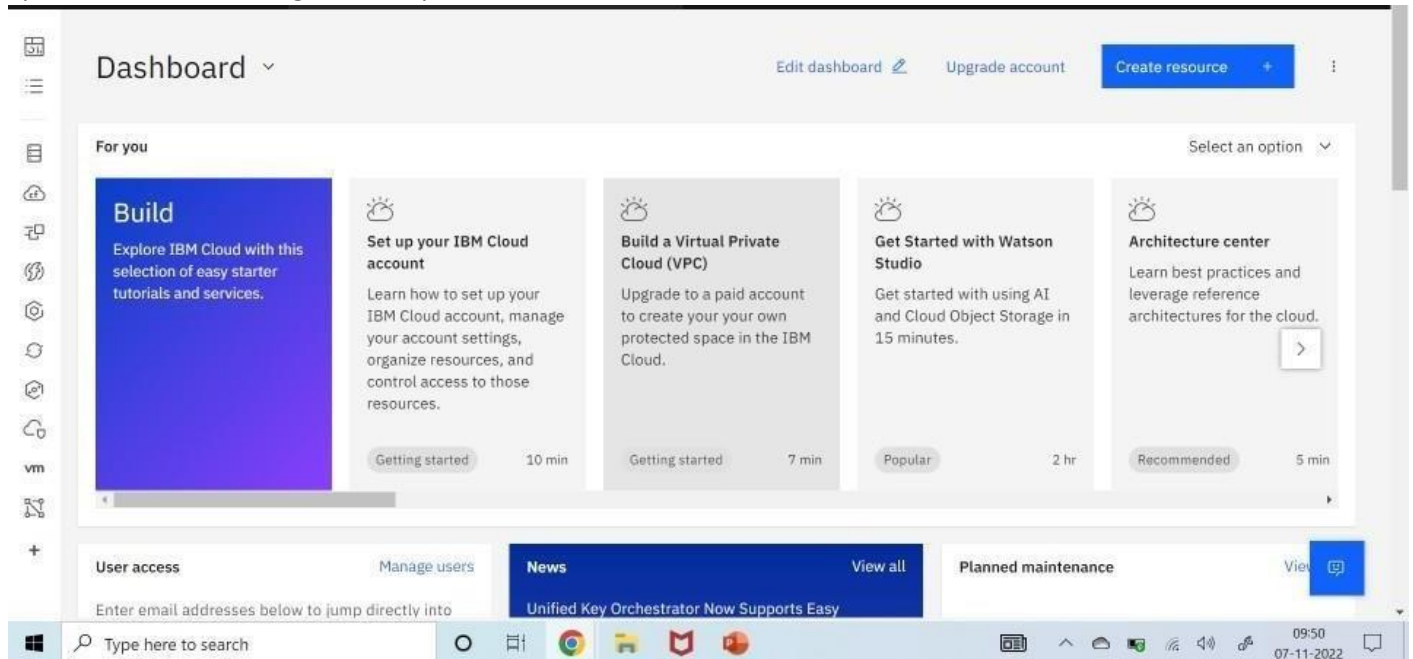
Step 1: Firstly, create an IBM cloud account with IBM id and password.



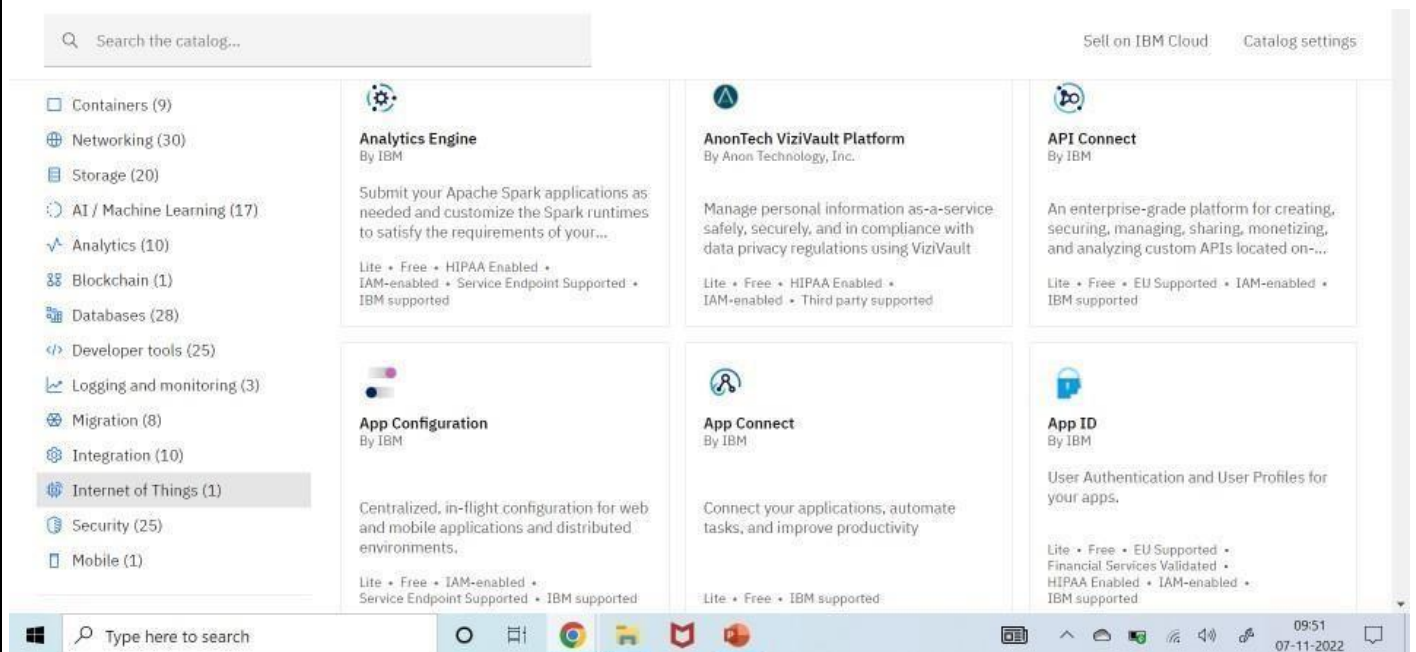
Step 2: Home page of IBM cloud.



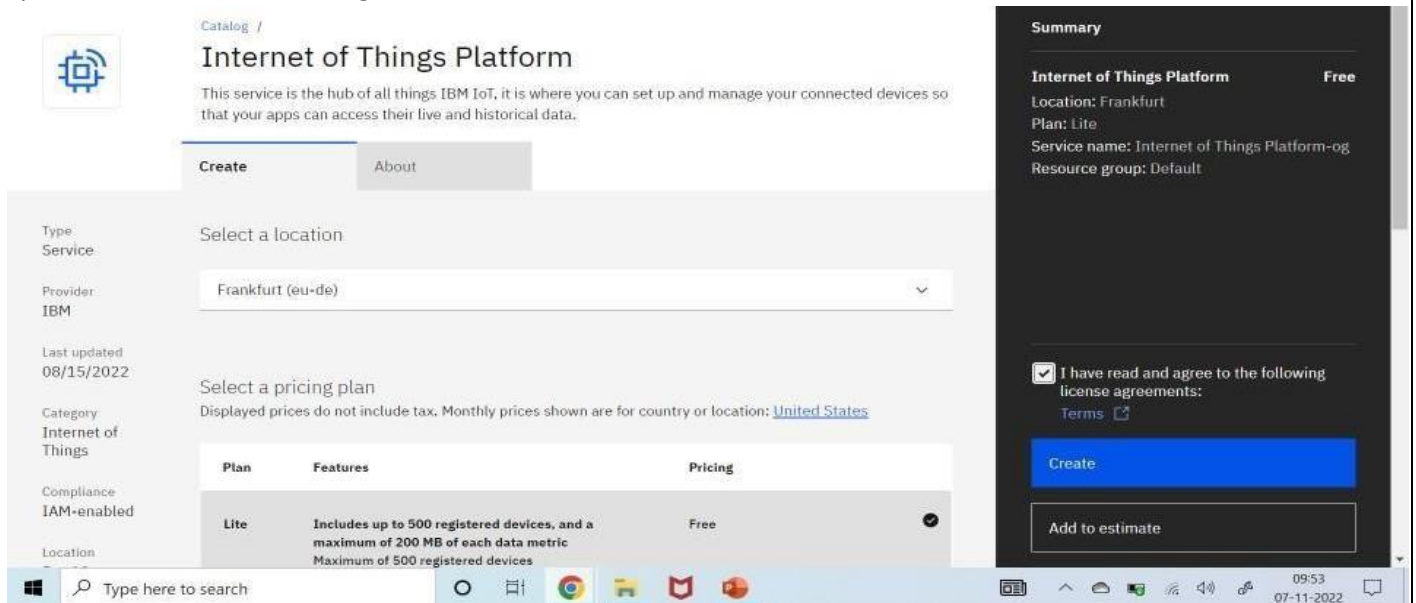
Step 3: Click on the catalog on the top.




Step 4: Click on IoT in the category mentioned.



Step 5: Click on Internet of Things Platform.



Step 6: If already a lite is present delete it else u can't create another.



Catalog /

## 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 (eu-de)

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<br>Maximum of 500 registered devices | Free    |

**Summary**

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

Location: Frankfurt

Plan: Lite

Service name: Internet of Things Platform-og


Resource group: Default

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

Create

Add to estimate

Step 7: Tick agreements and then click on create.



Catalog /

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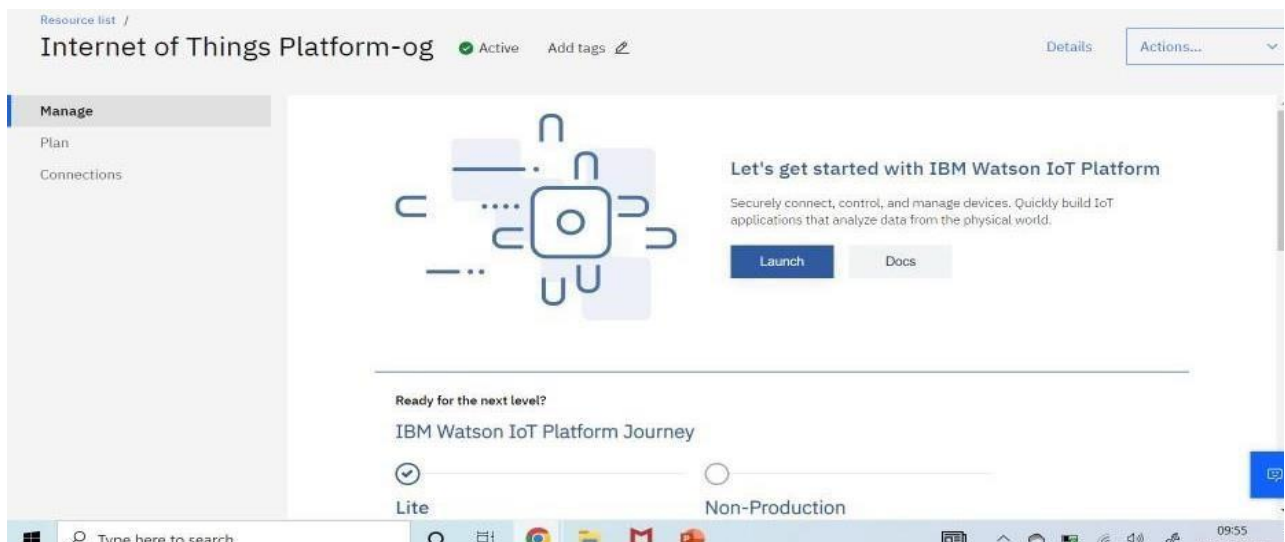
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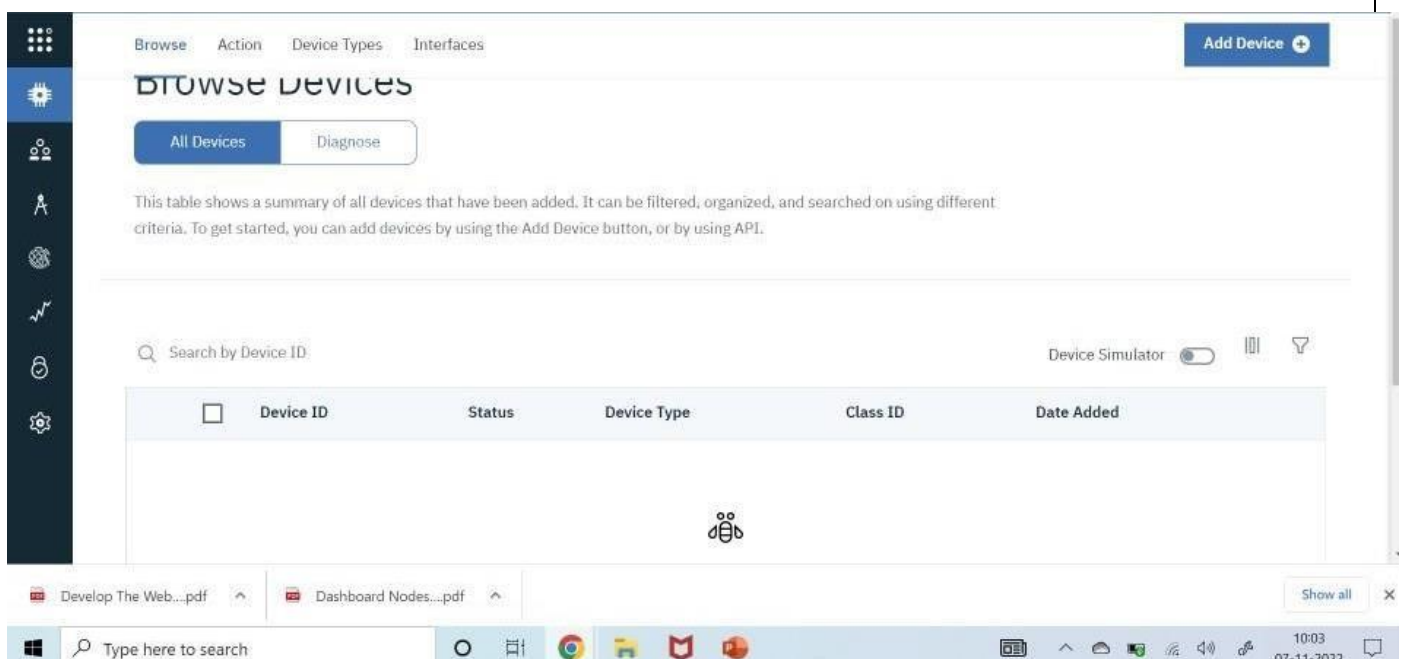
Create

Add to estimate

Step 8: Click on the launch button.



Step 9: This is the IBM Watson platform.



Step 10: Click on Add Device.

Step 11: Click on Device Type.

Browse Action Device Types Interfaces

## Add Device

Identity Device Information Security Summary

Select a device type for the device that you are adding and give the device a unique ID.

Device Type Select or create a device type...

Device ID Enter Device ID

Cancel Next

Develop The Web...pdf Dashboard Nodes...pdf Show all

Step 12: Fill the details.

Browse Action Device Types Interfaces

## Add Device

Identity Device Information Security Summary

Select a device type for the device that you are adding and give the device a unique ID.

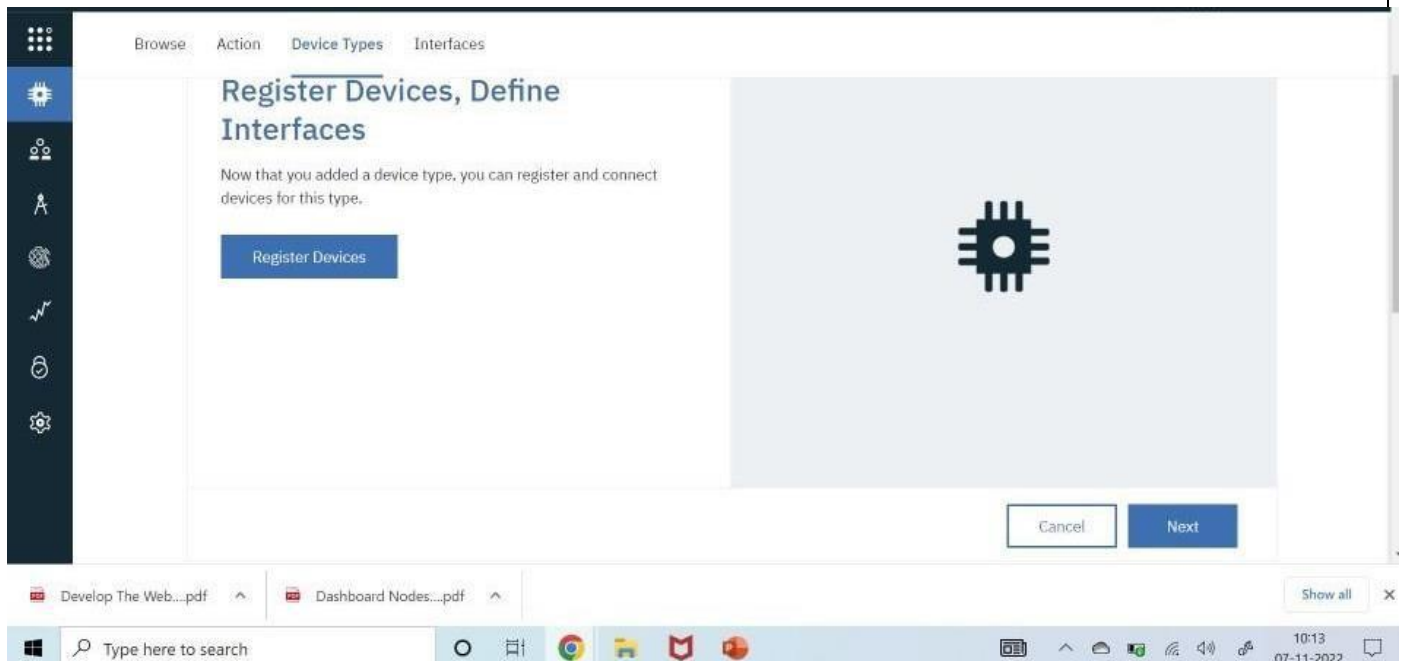
Device Type Select or create a device type...

Device ID Enter Device ID

Cancel Next

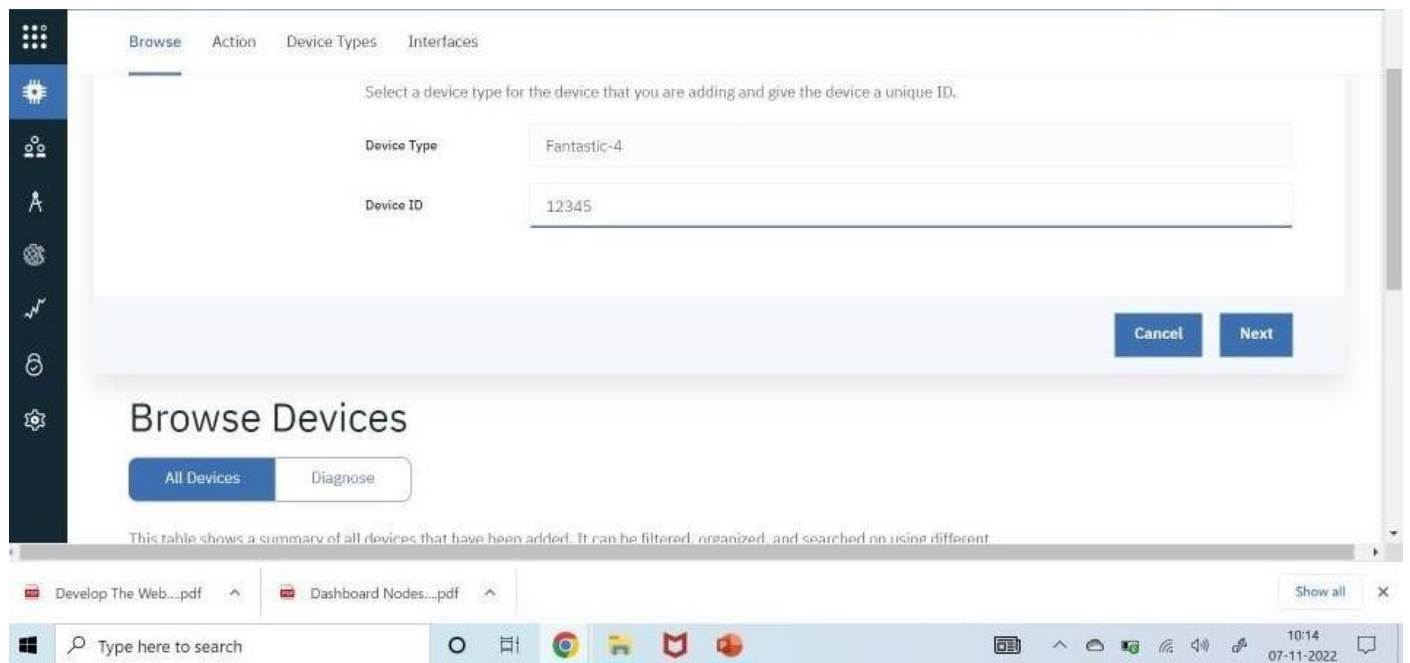
Develop The Web...pdf Dashboard Nodes...pdf Show all

Step 13: Click on Register Devices.



Step 14: Give the device name which you have created and give Device ID.

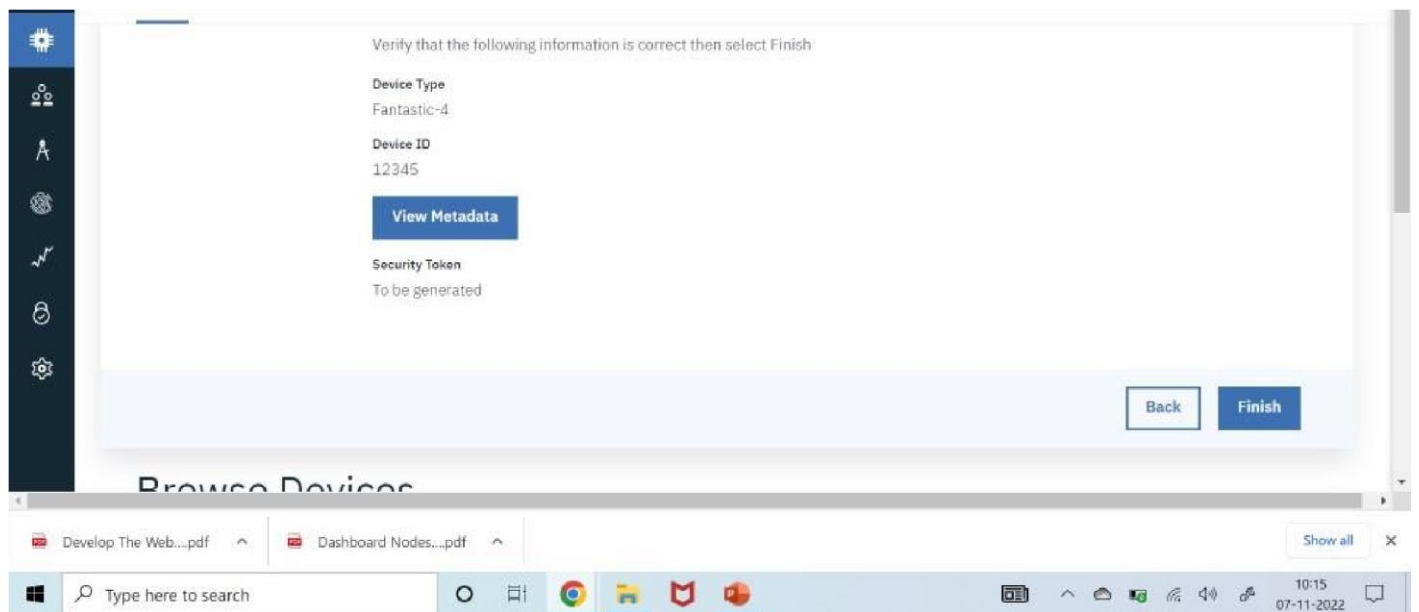




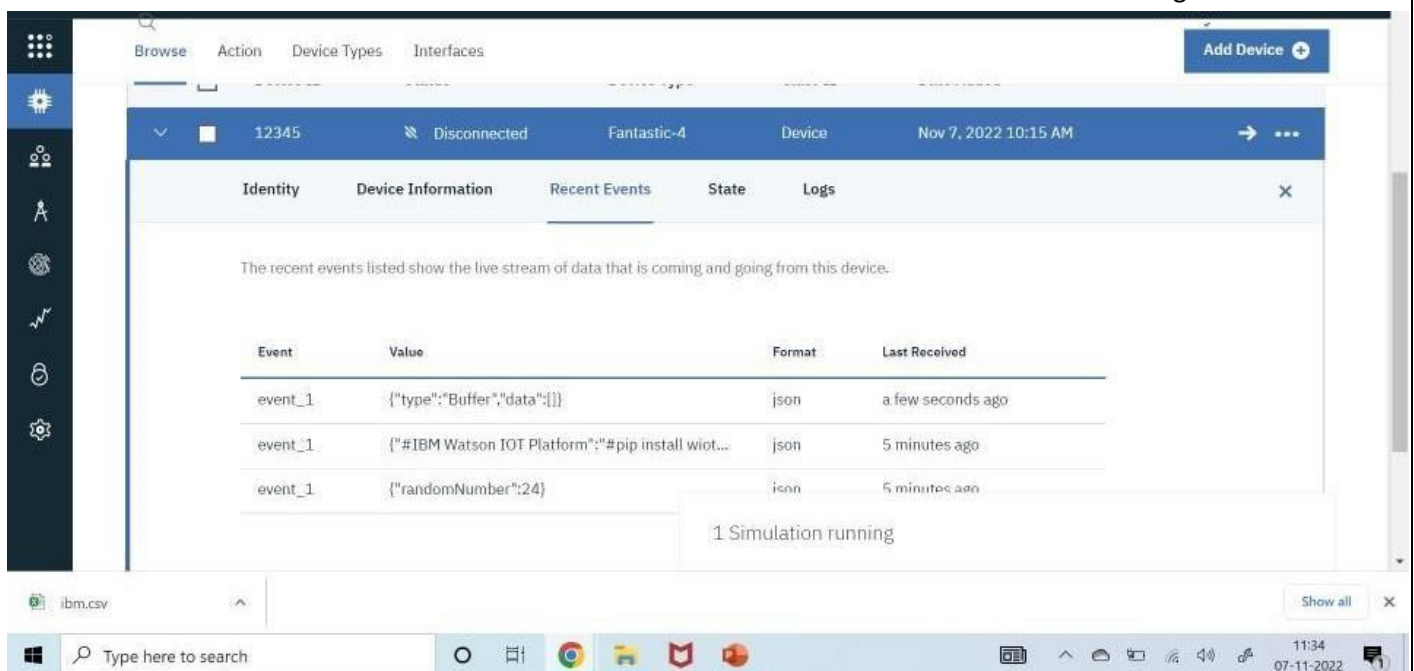
Step 15: After giving all the data, Click on Finish.

Step



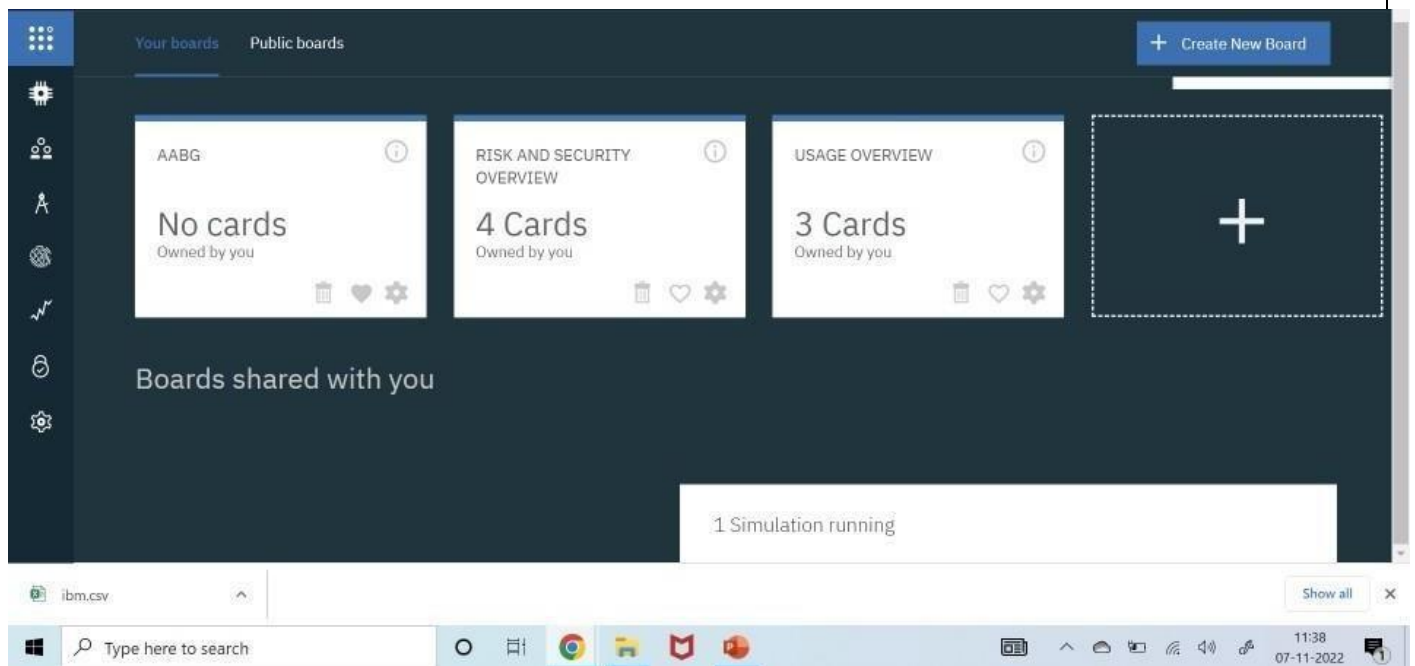


16: Go to devices then click on devices and check the recent events whether the code is running or not.

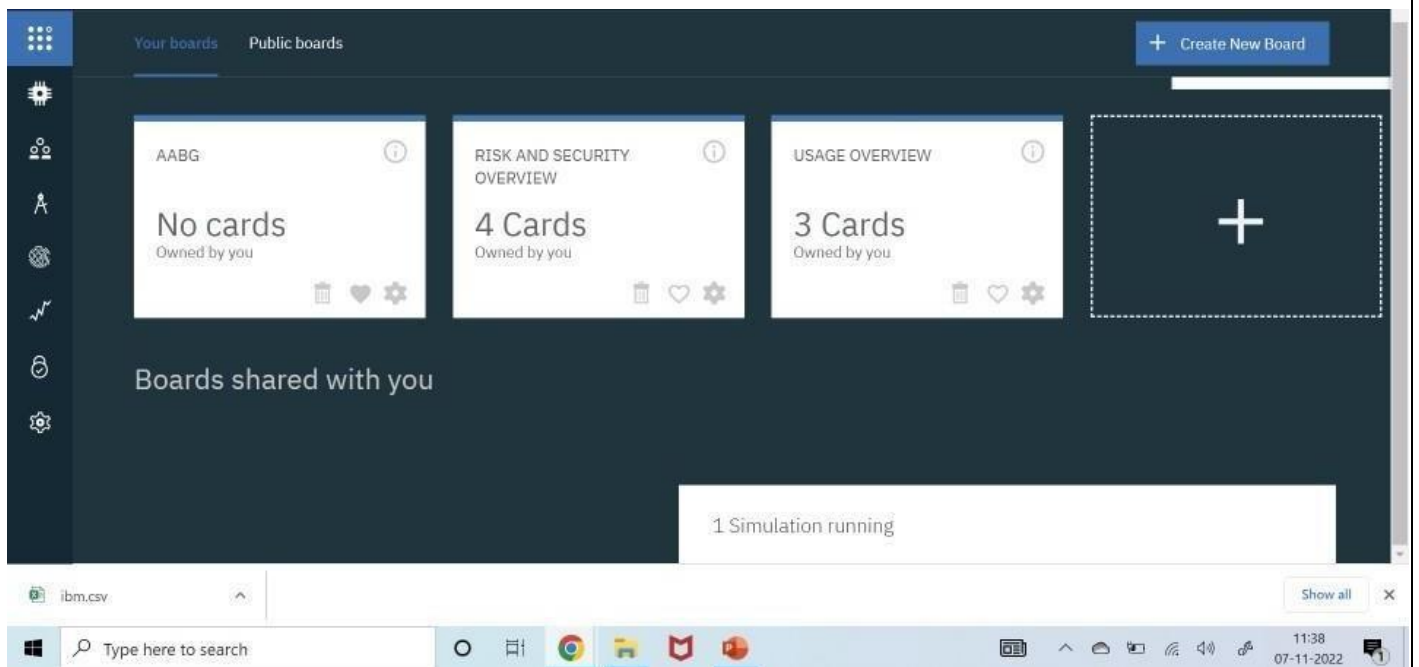


Step 17: Go to Board and click on + Create New Board, fill the details and create a board.

Step

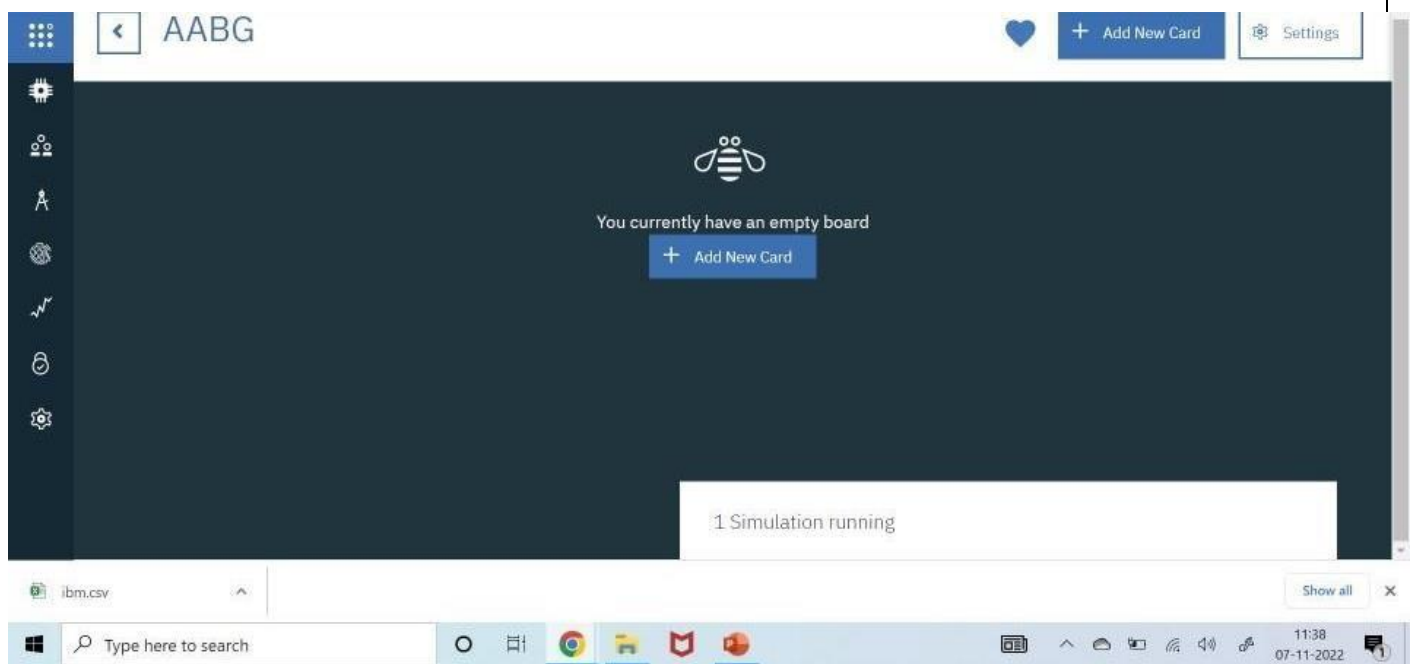


18: Click on the board which is created.



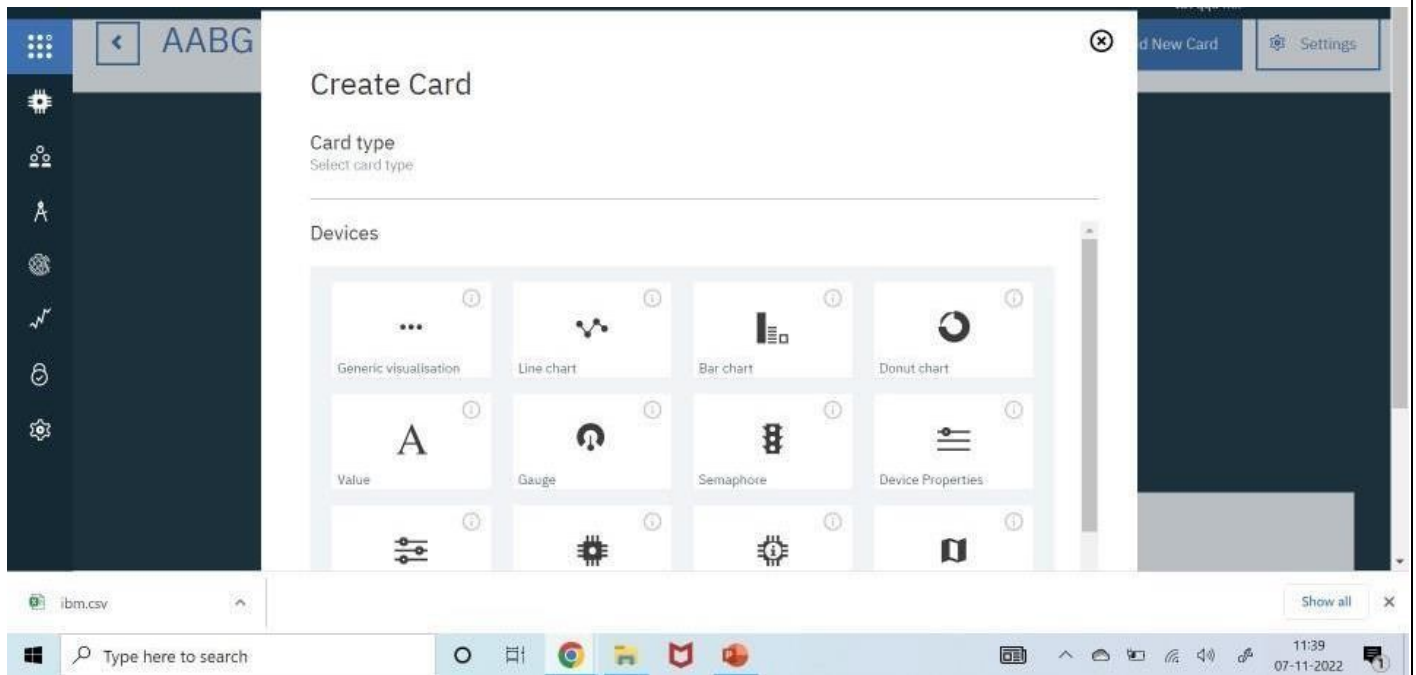
Step 19: Go Add New Card.

Step

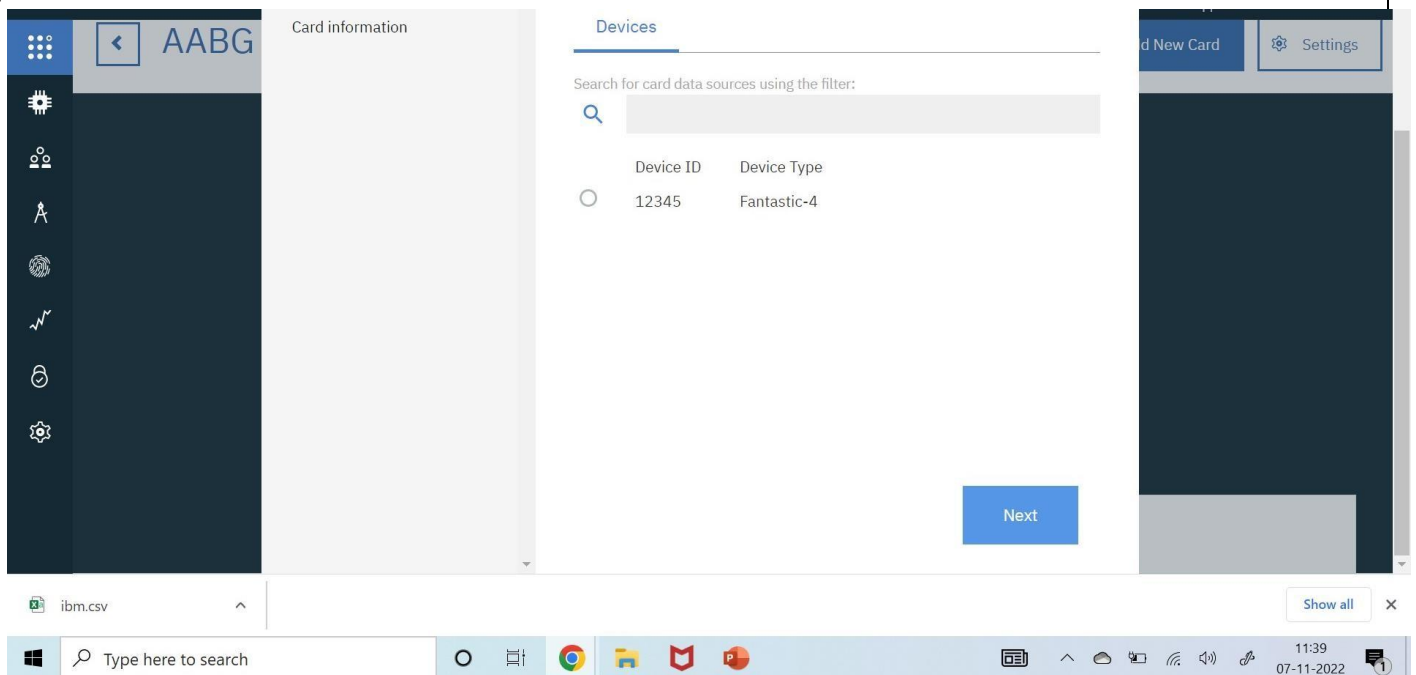


20: Choose the Card Type.

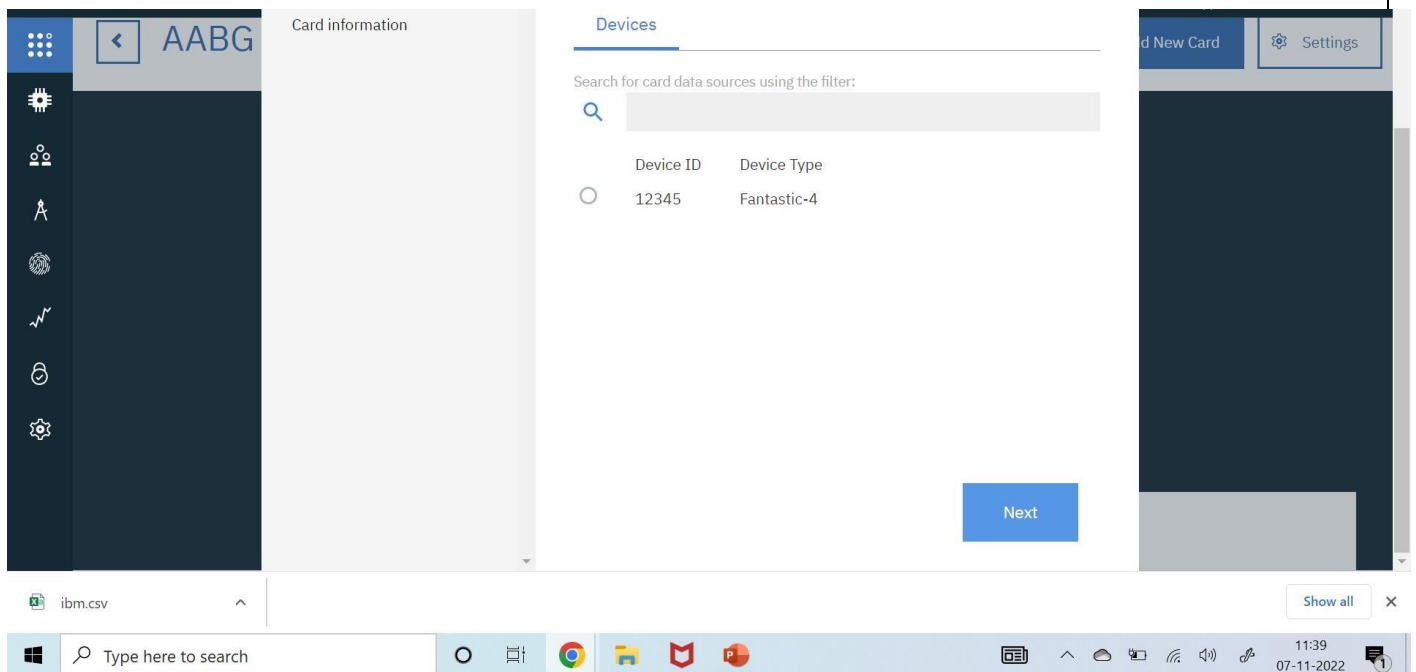
Step



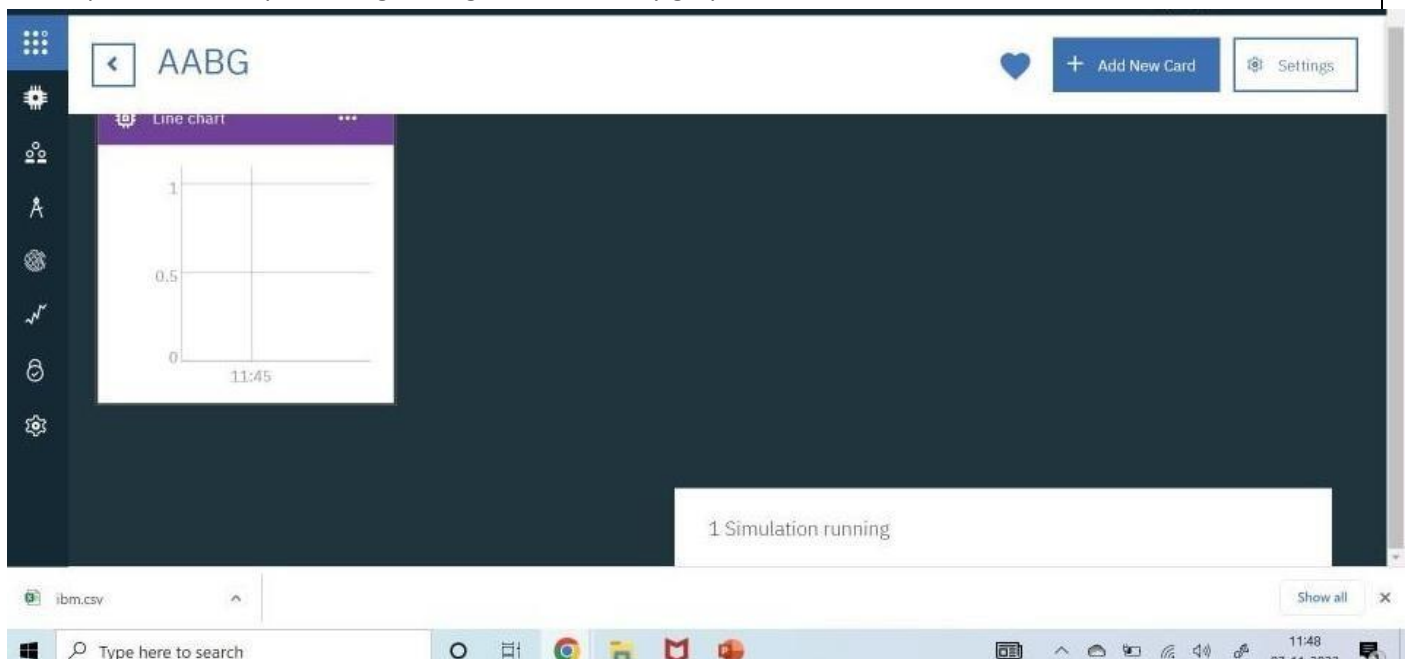
Step 21: Choose the device.



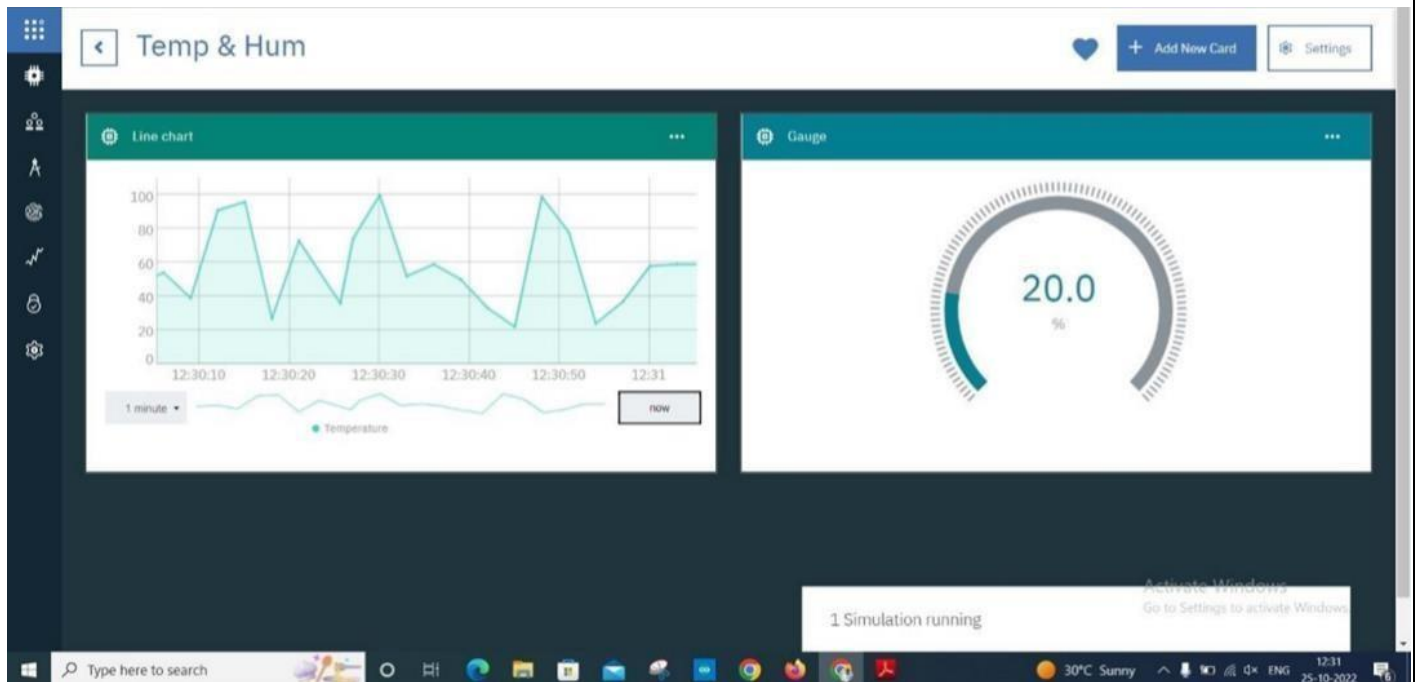
Step 22: Fill the details to get Temperature graph.



Step 23: Repeat the same process again to get the Humidity graph.



Step 24: Here is the Final graph.



### **Result:**

An IBM Watson cloud for IoT and a device is created successfully.