CREATE IBM WATSON IOT PLATFORM AND DEVICE CREATE IBM WATSON IOT PLATFORM AND DEVICE
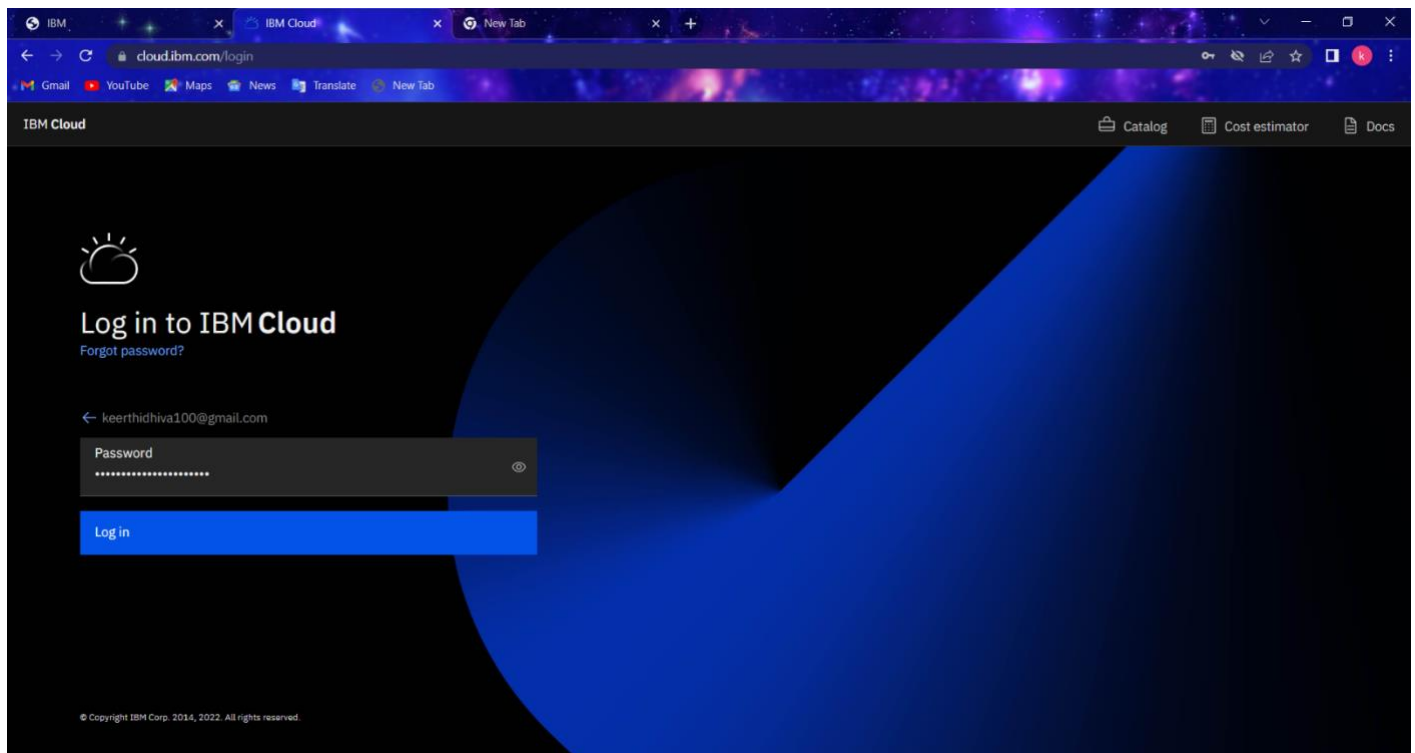
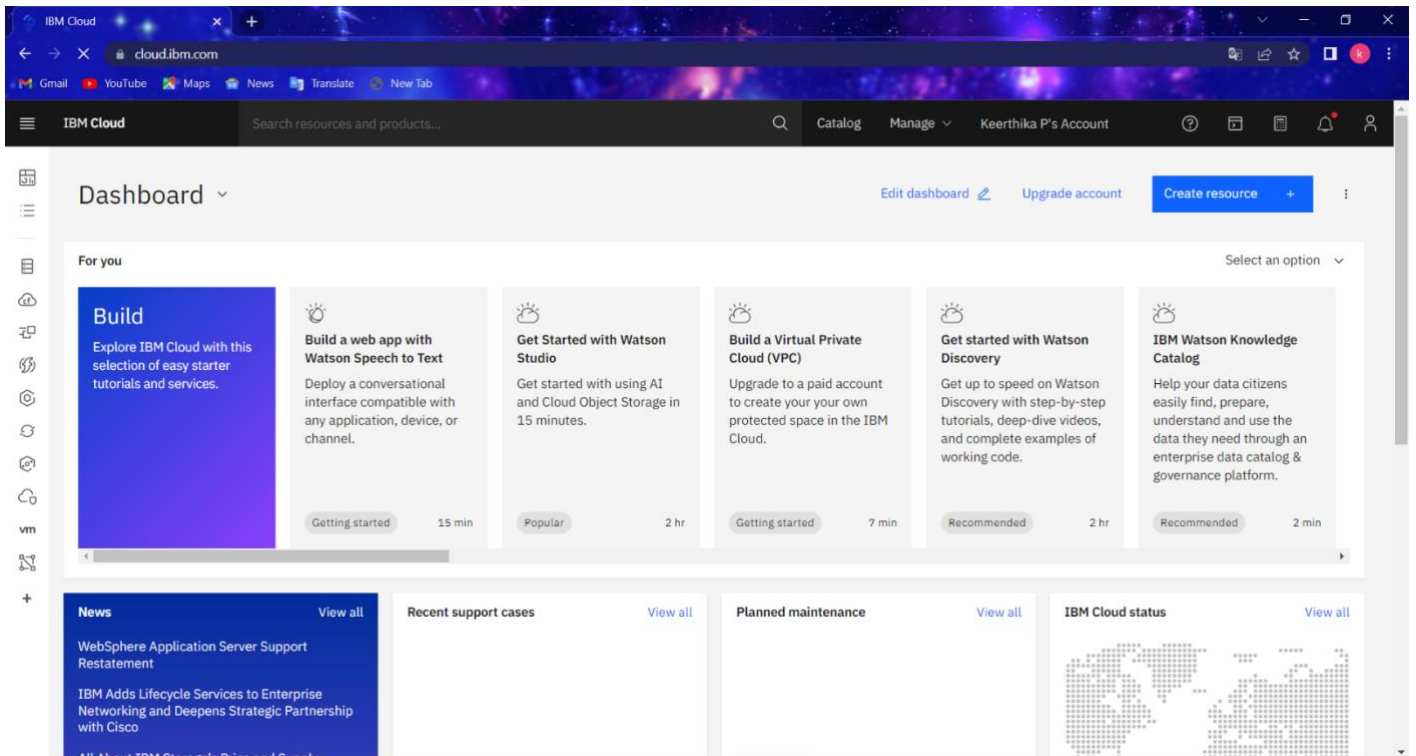| Date	25 October 2022
Team ID	PNT2022TMID05234
Project Name	Smart Solutions for Railways

AIM:

To create the IBM Watson IoT platform and device.
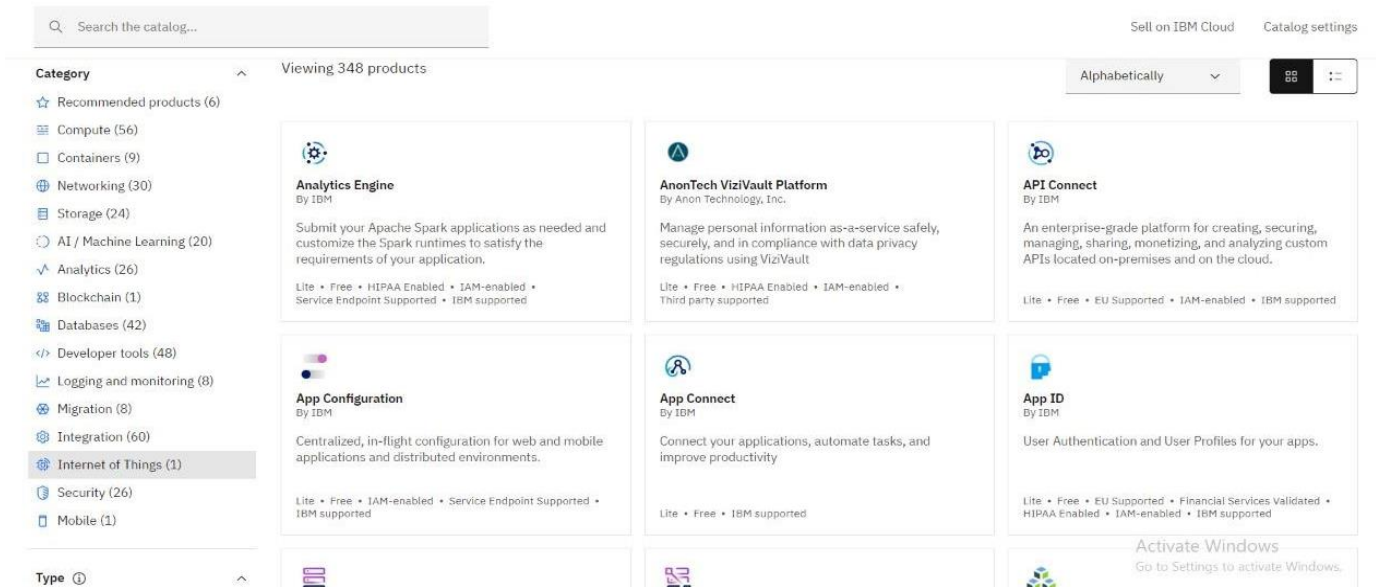
Steps to be followed

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.

Step 7: Tick agreements and then click on create.

Step 8: Click on the launch button.

Step 9: After clicking on the launch button this tab will open.
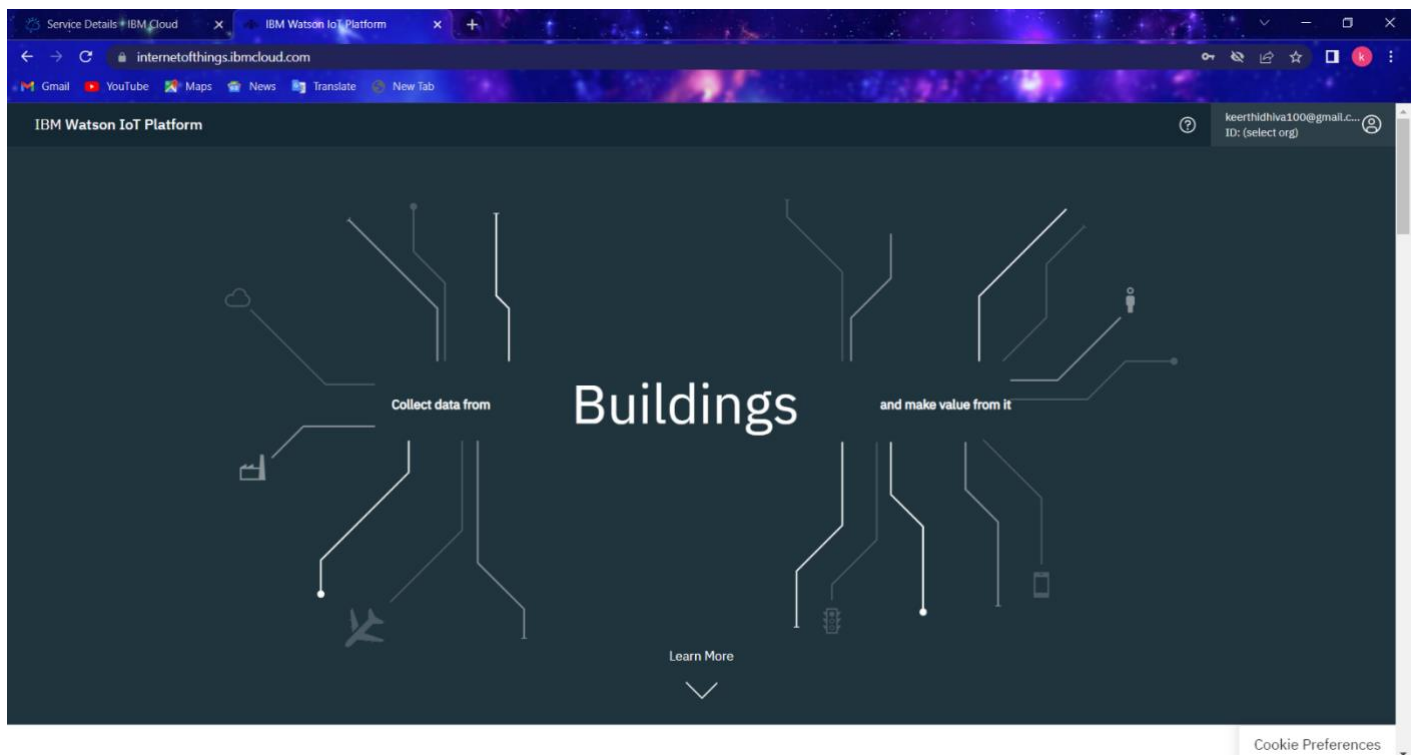

Step 10: Click on Sign in.
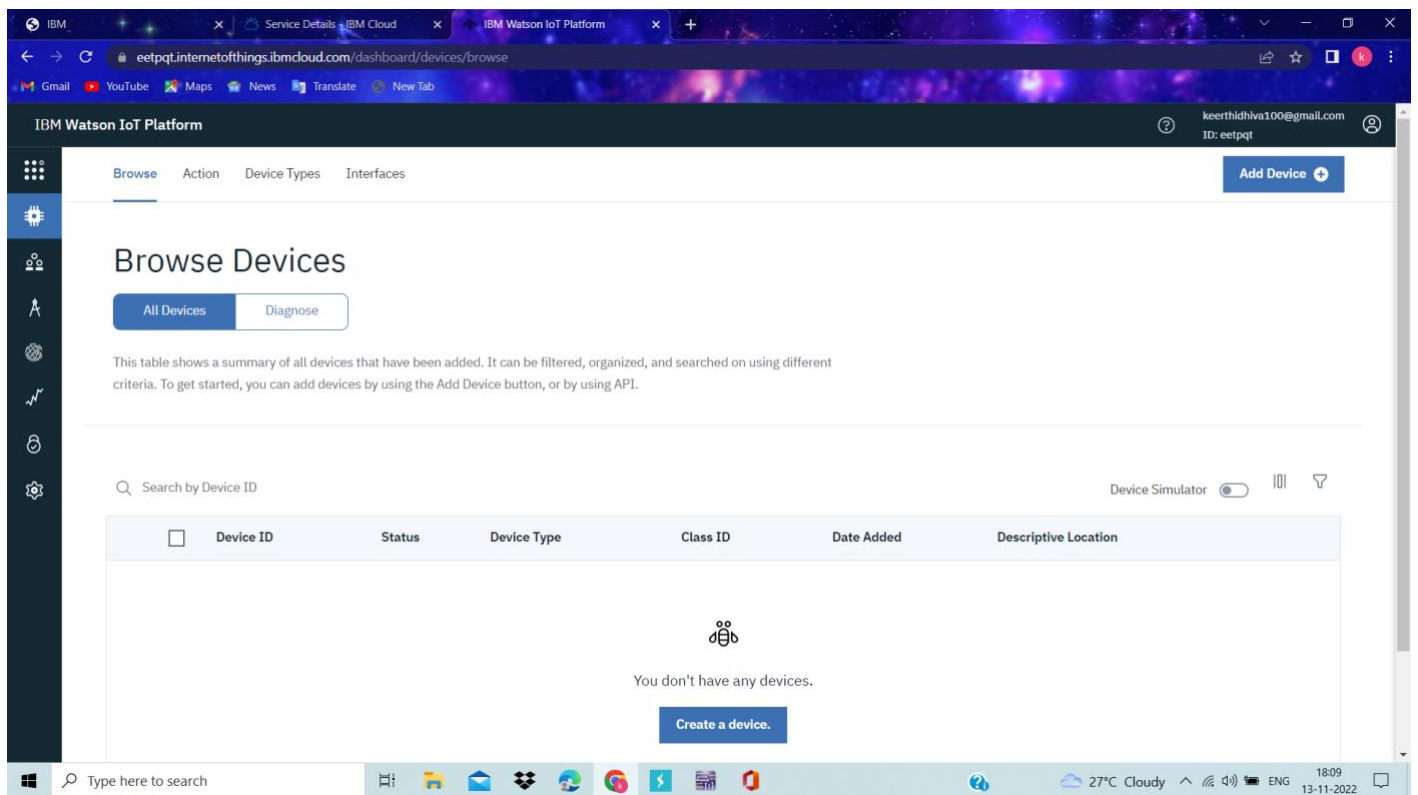
Step 11: Fill the login details.

Step 12: Sign in on progress.

Please wait...
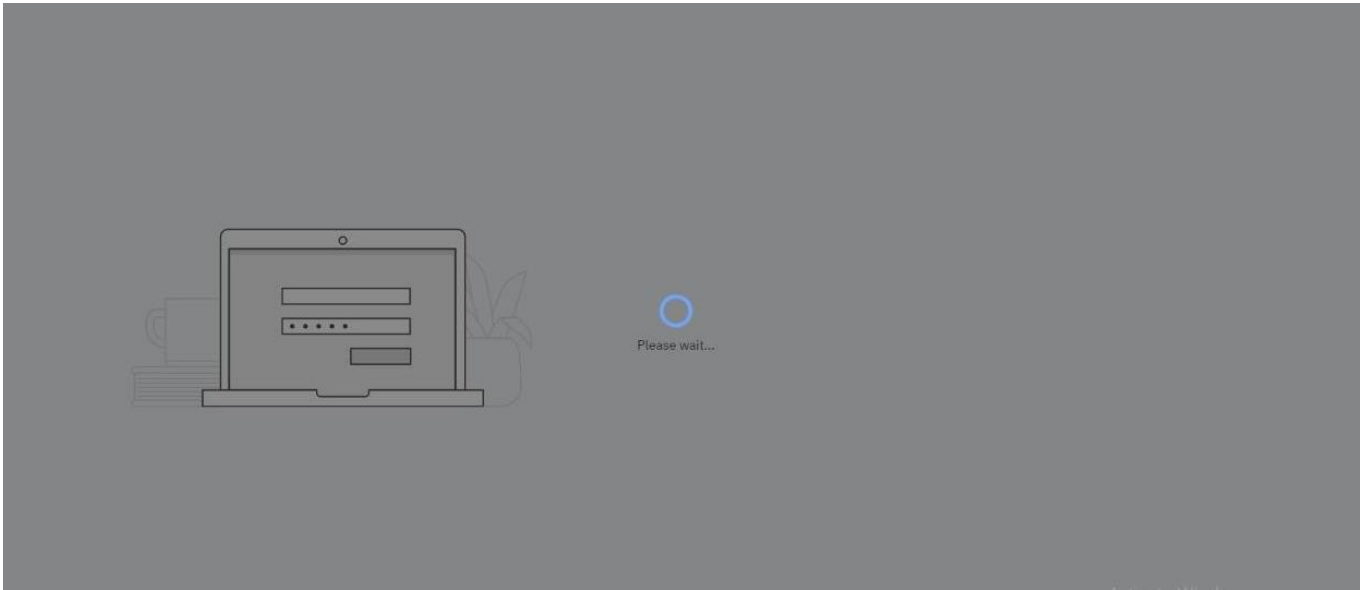
Step 13: Once it id logged in, the name will be displayed click on it and then click on Bluemix Free.
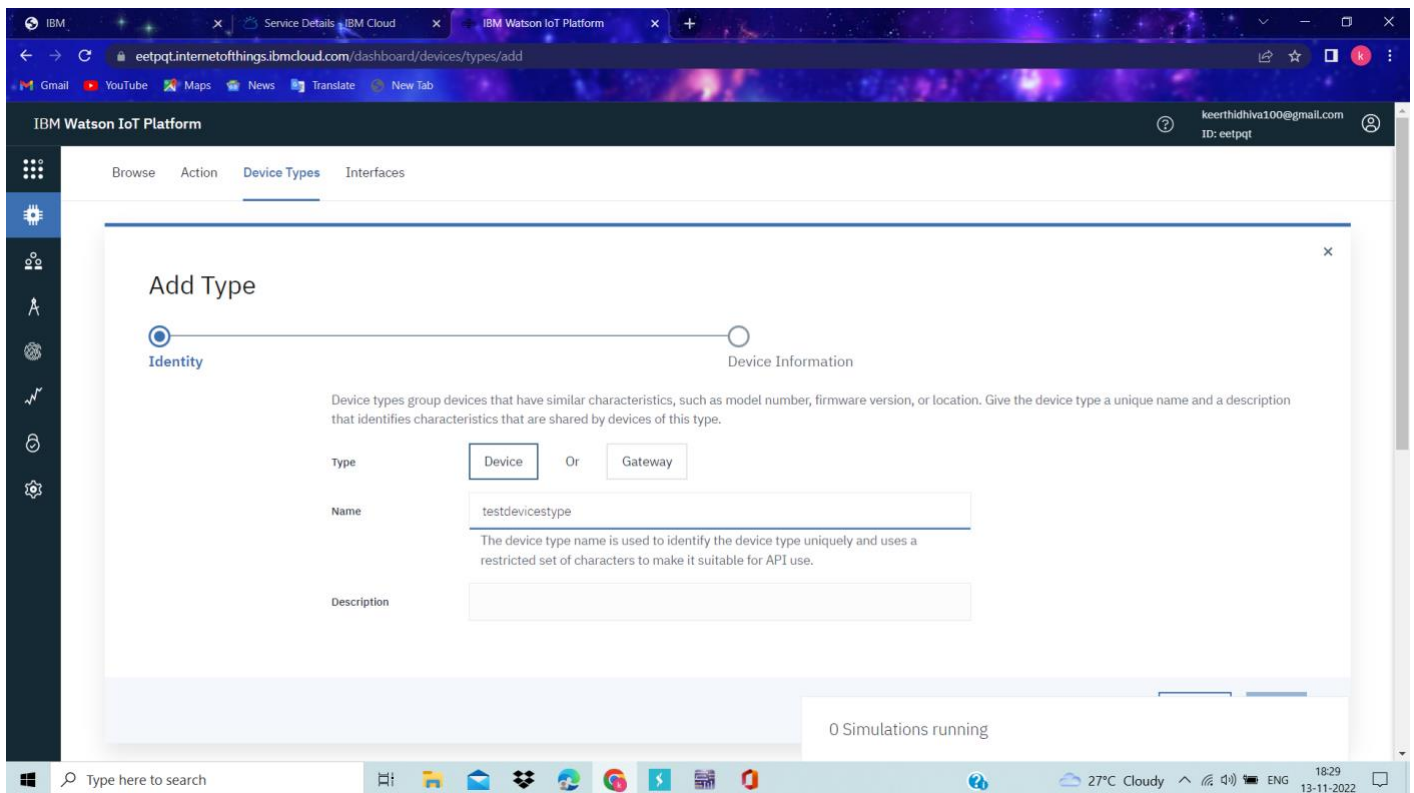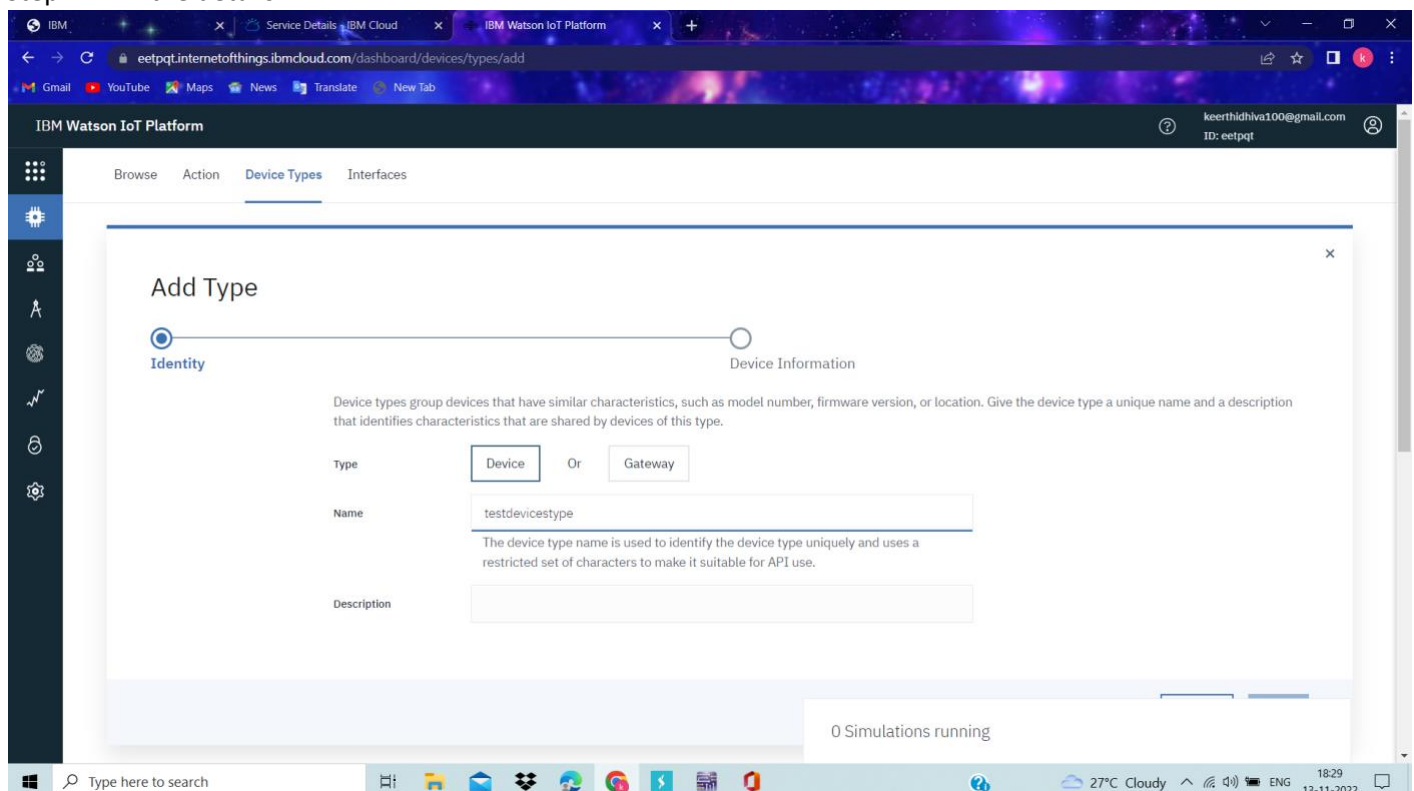
Step 14: This is the IBM Watson platform.
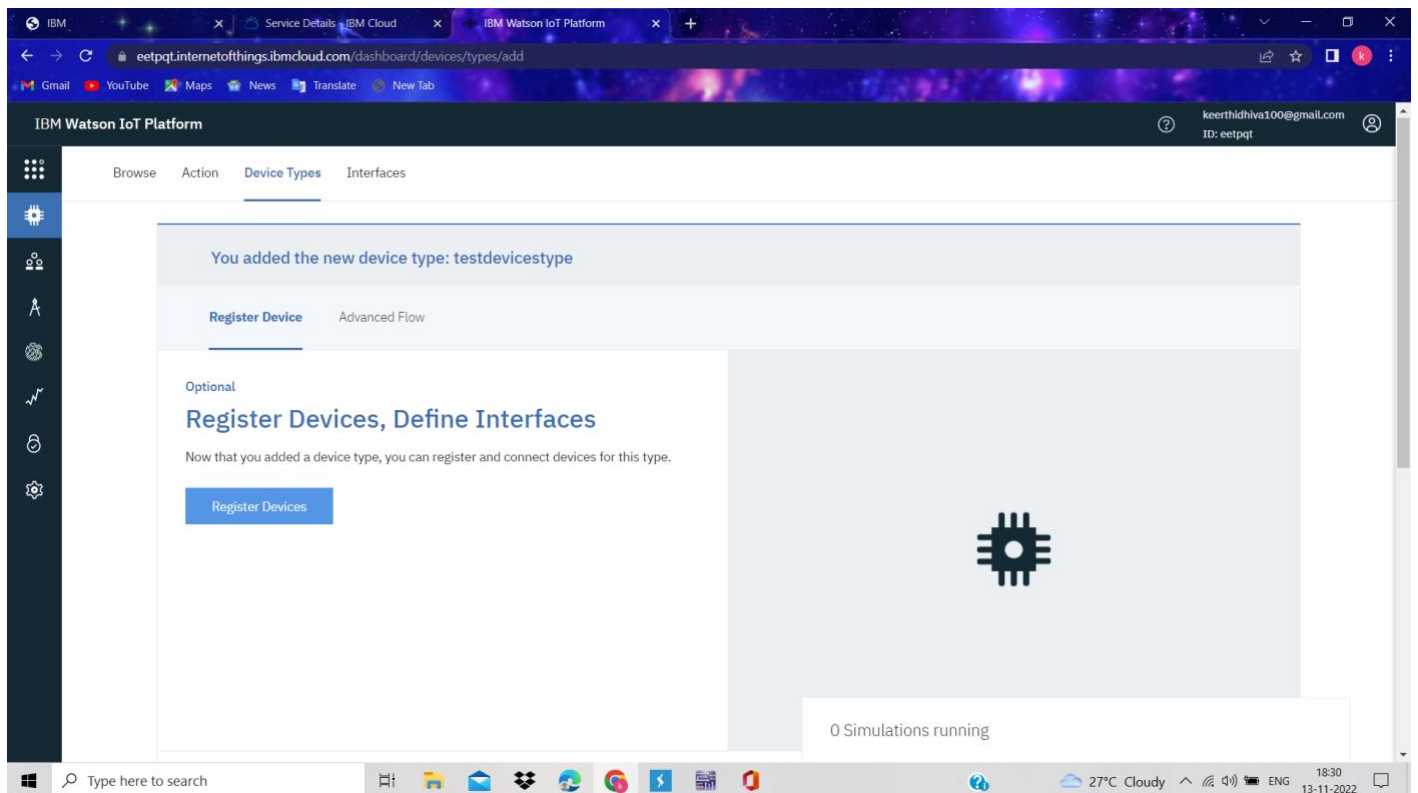

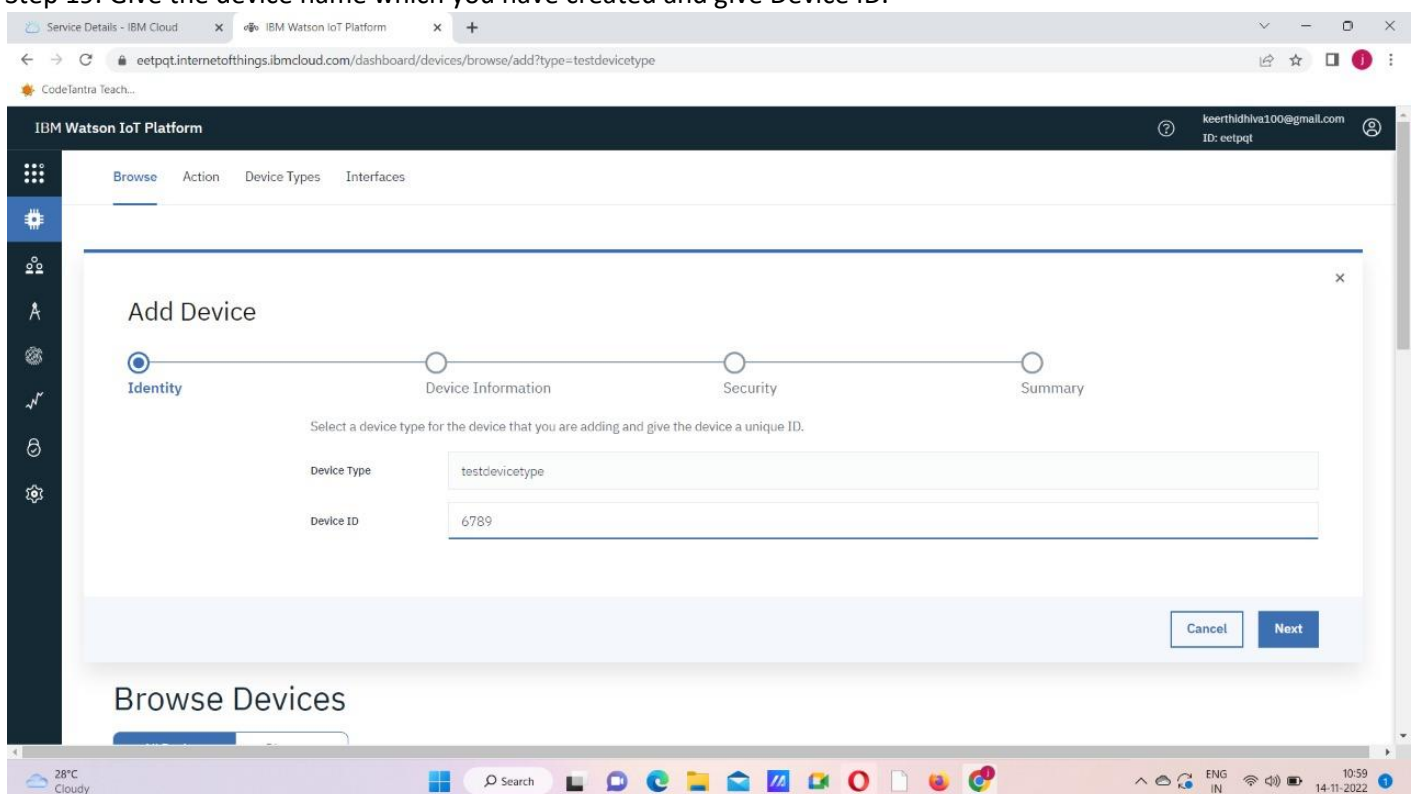Step 15: Click on Add Device.

step 16: Click on Device Type.

Step 17: Fill the details.

Step 18: Click on Register Devices.

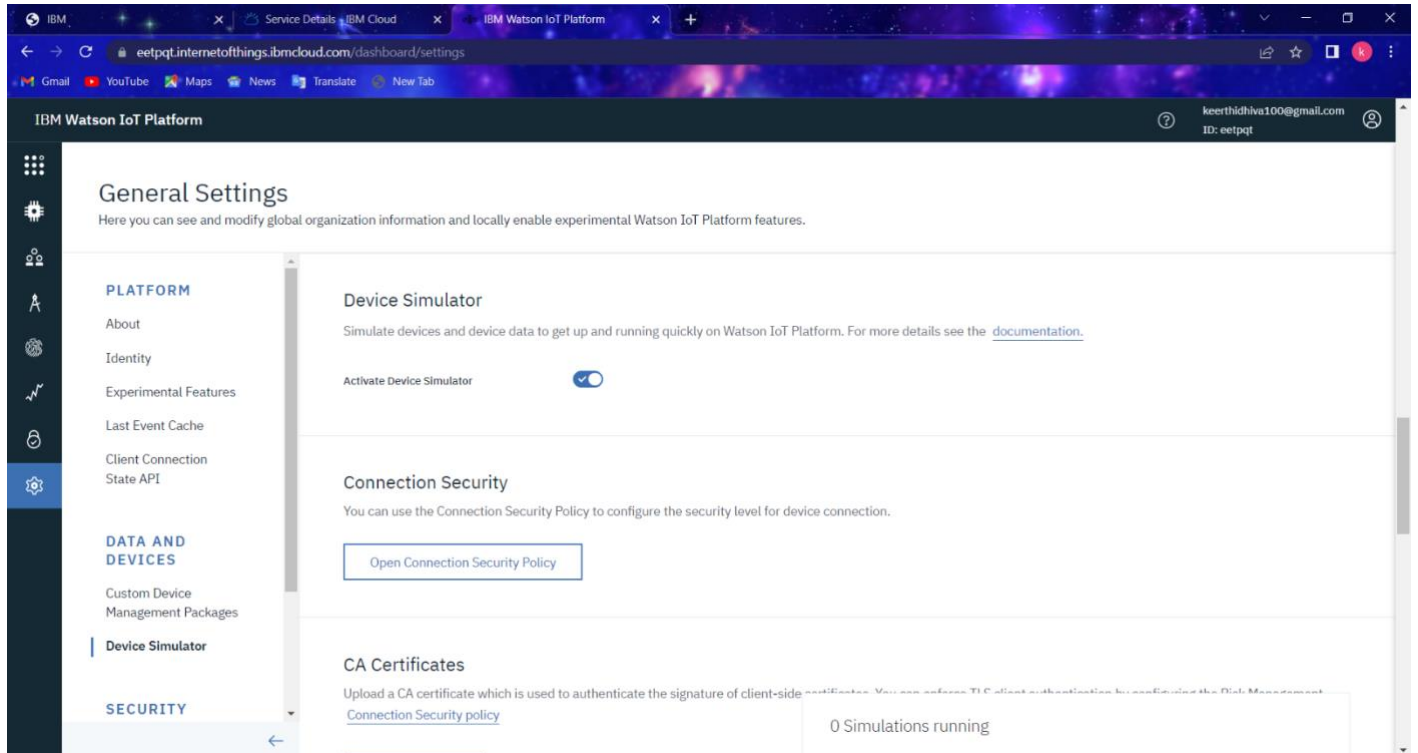Step 19: Give the device name which you have created and give Device ID.

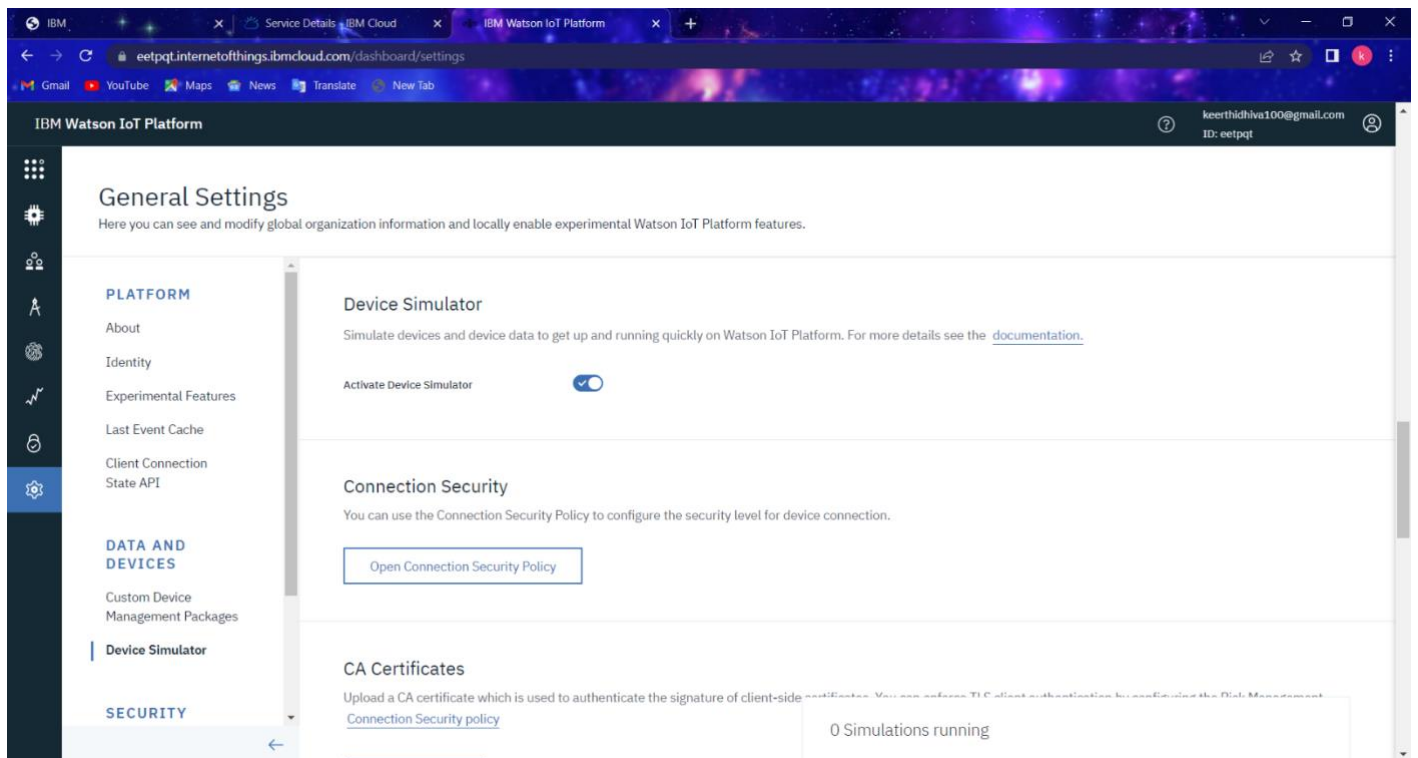Step 20: After giving all the data, Click on Finish.

Step 21: After creating the device, Copy the Device Credentials.

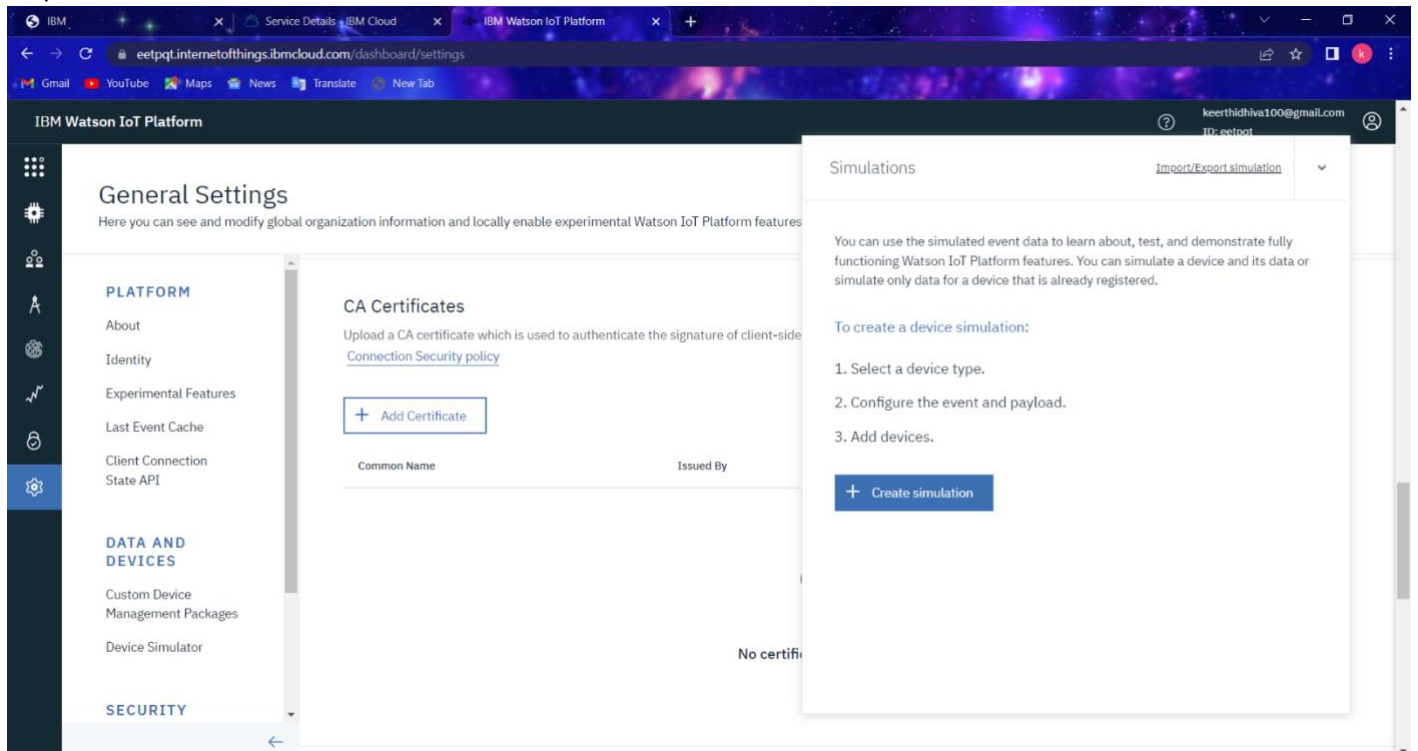Step 22: Go to Setting, click on Data and Devices.

Step 23: Then click on Device Simulator and Activate Device Simulator.
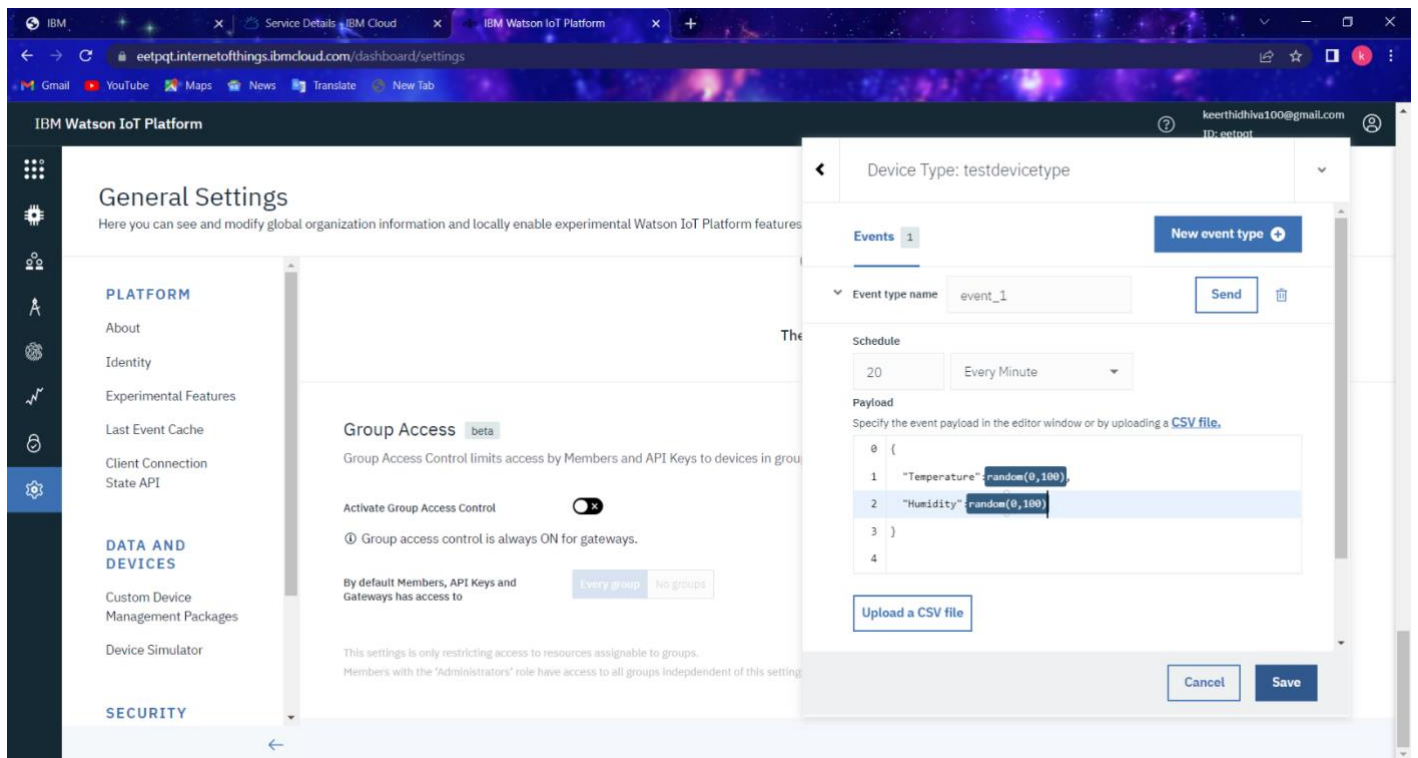

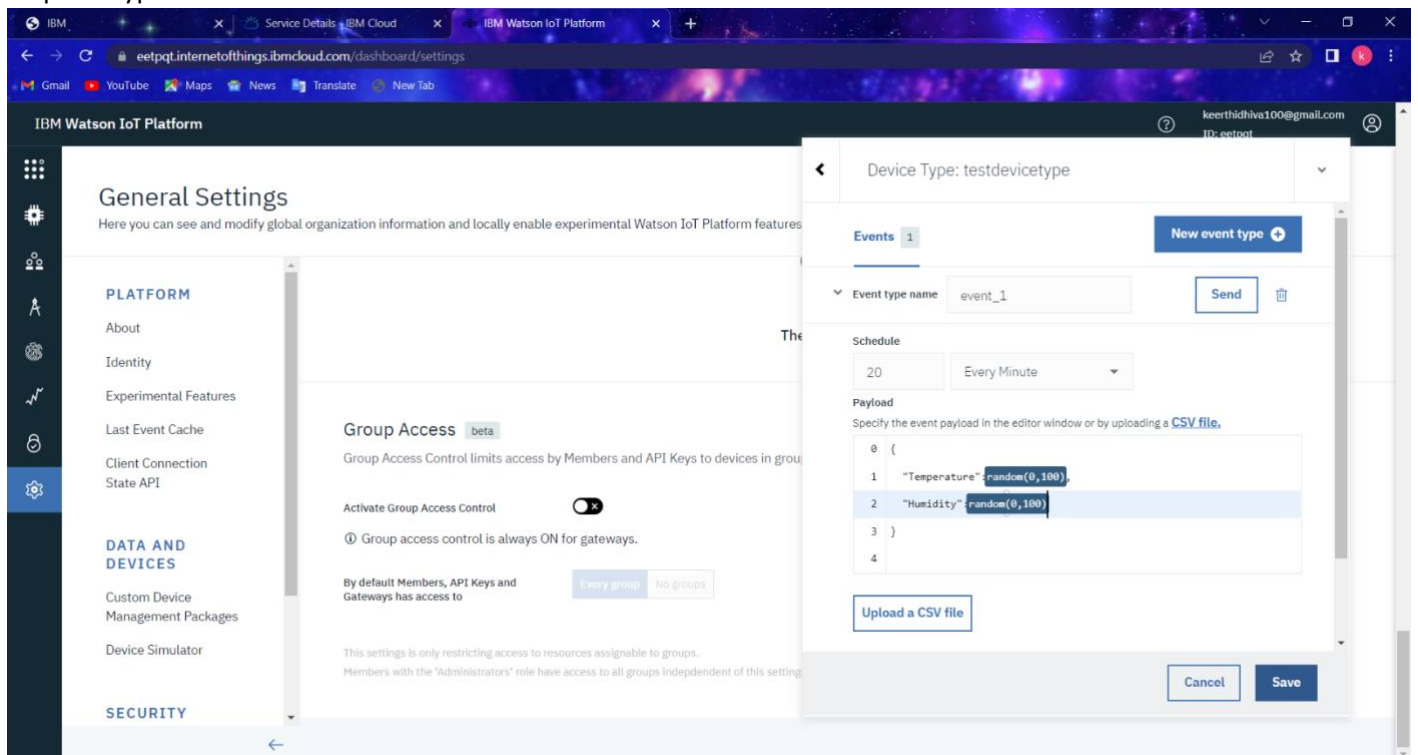Step 24: Click on the pop-up screen on the right side.

Step 25: Click on Create Simulation.

Step 26: Choose the Device.

Step 27: Type the code.

Step 28: Click on Use Registered Device and choose the device and run it.

Step 29: Go to devices then click on devices and check the recent events whether the code is running or not.

Step 30: Go to Board and click on + Create New Board, fill the details and create a board.
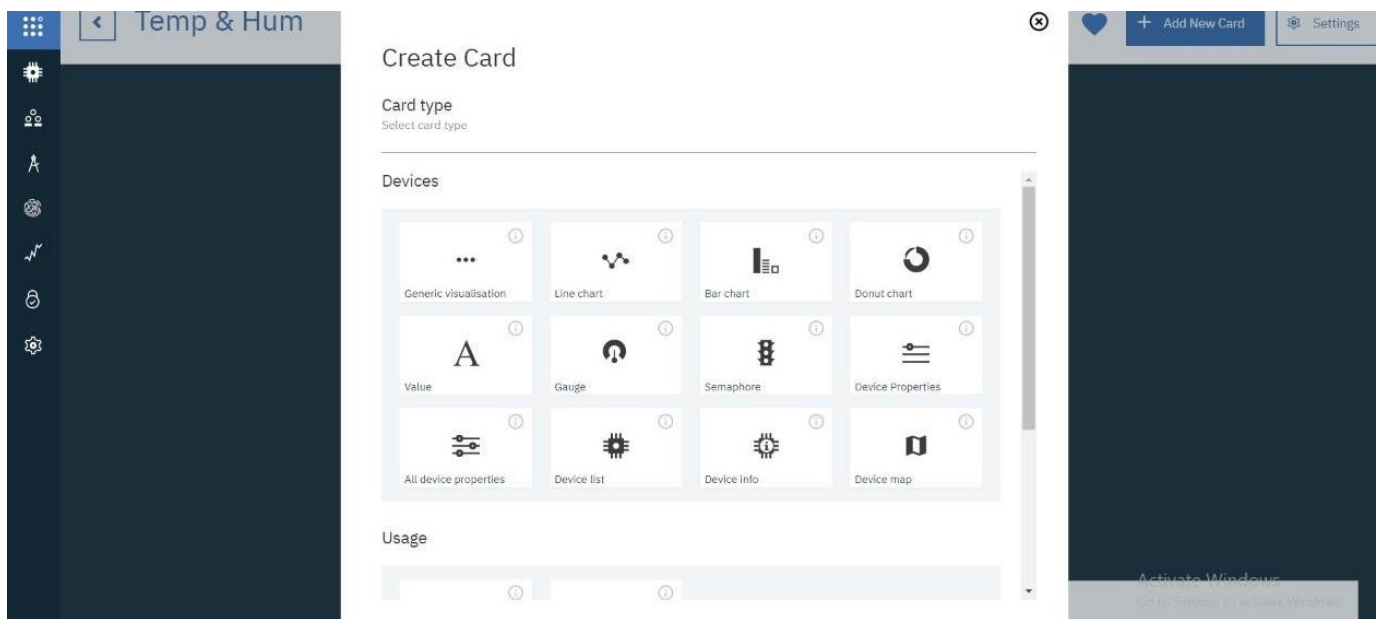

Step 31: Click on the board which is created.
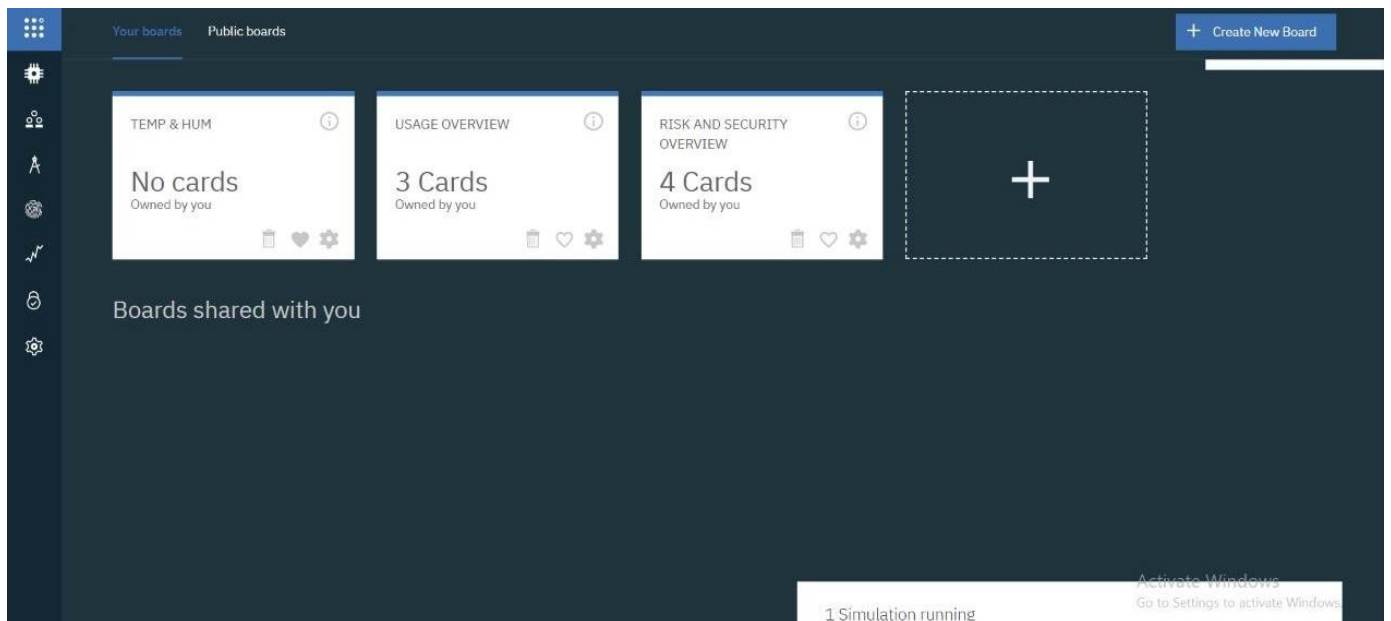
Step 32: Go Add New Card.
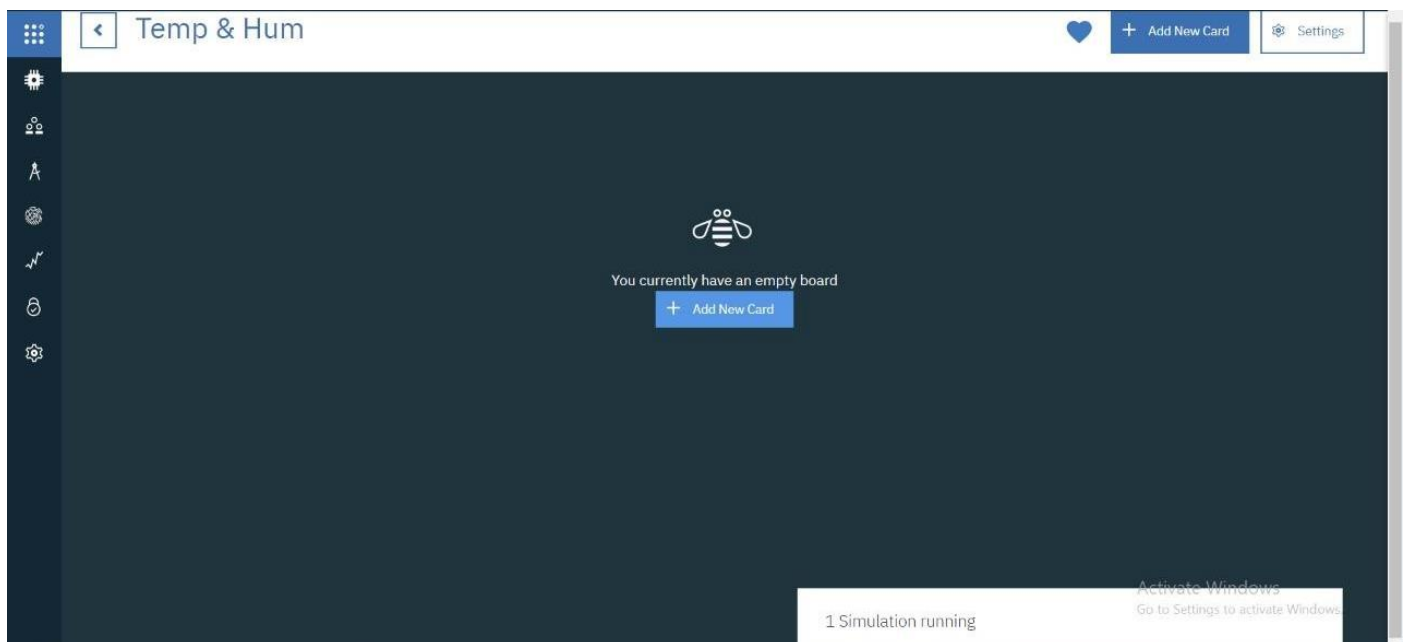
Step 33: Choose the Card Type.
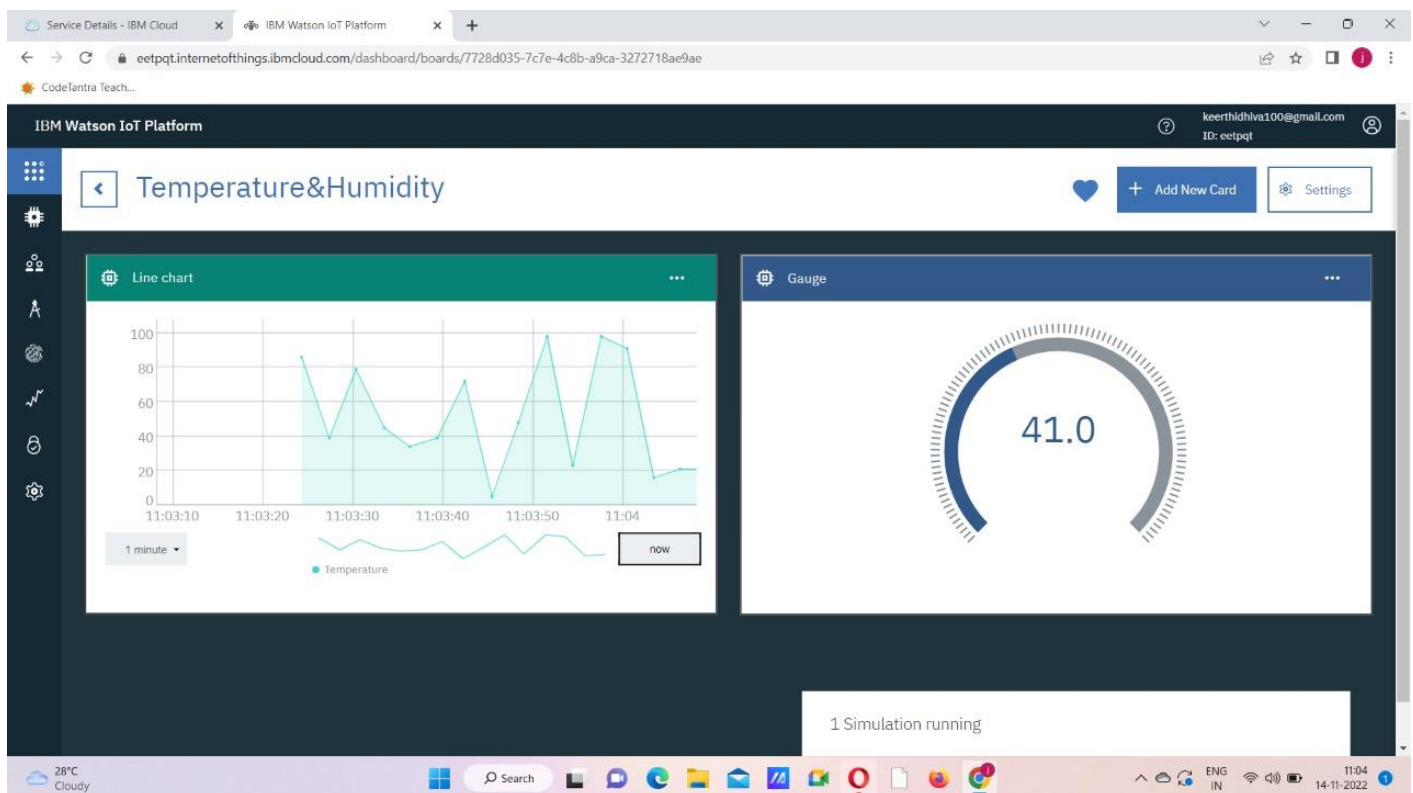
Step 34: Choose the device.
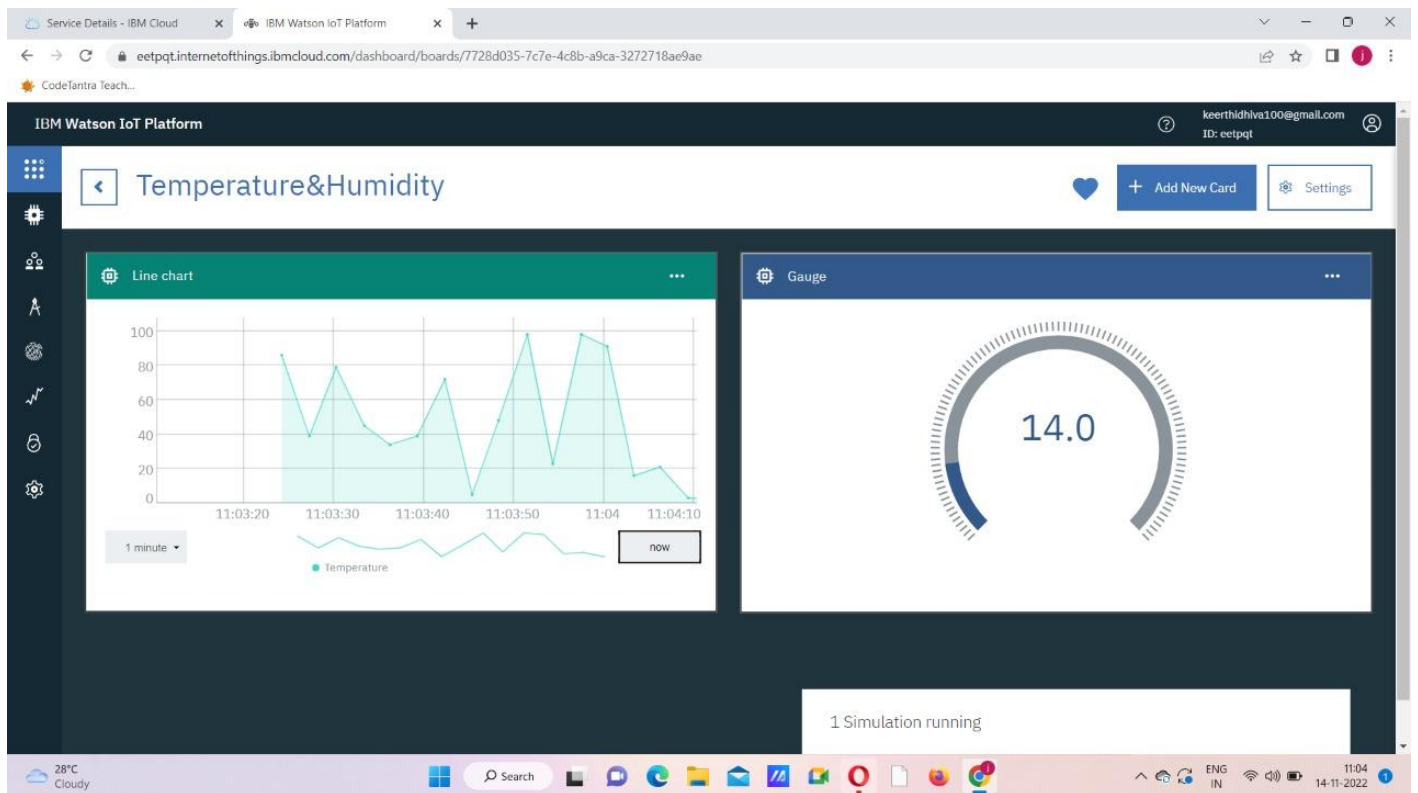
Step 35: Click on Connect new data set.

Step 36: Fill the details to get Temperature graph.

Step 37: Choose the Colour.

Step 38: Repeat the same process again to get the Humidity graph.

Step 39: Here is the Final graph.

Result:

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