

TEAM ID PNT2022TMID25057

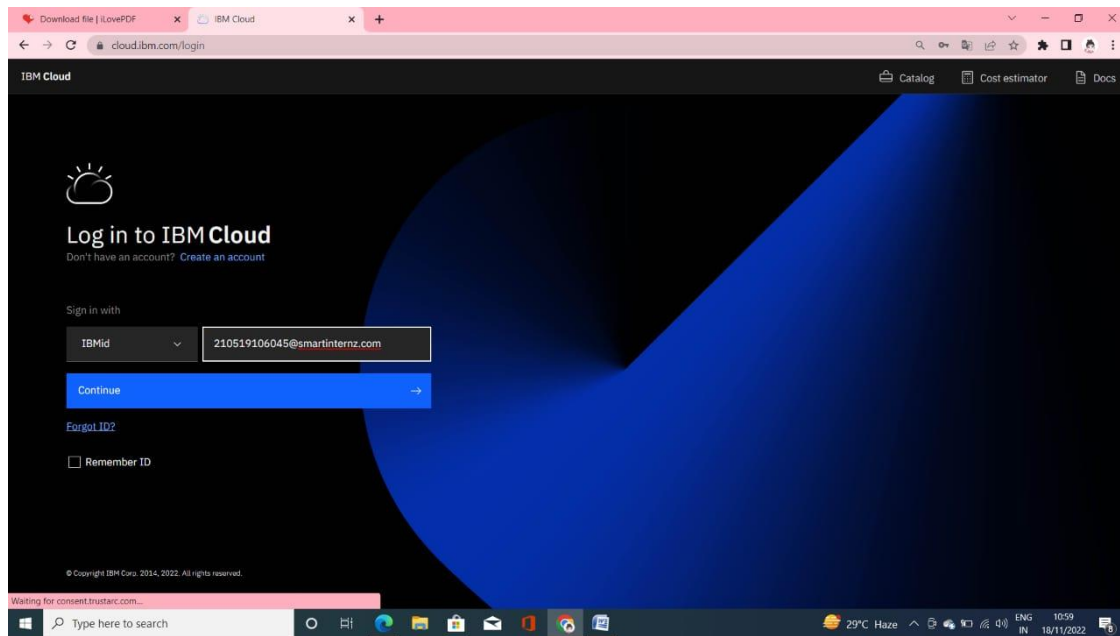
## Create IBM Watson IoT Platform And Device

### Aim:

To create the IBM Watson IoT platform and device.

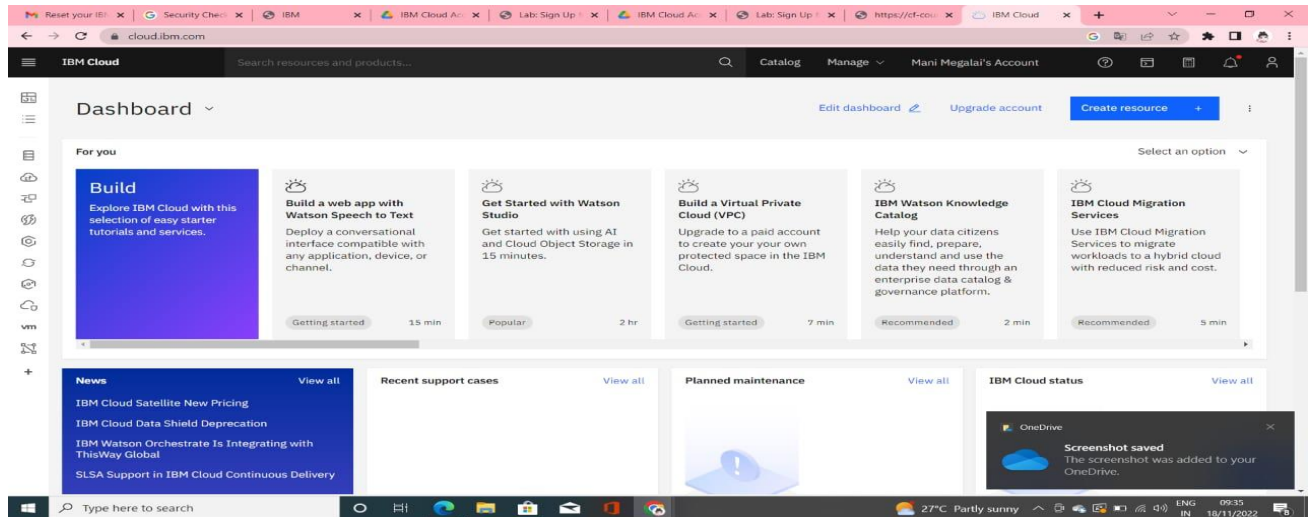
### Steps:

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

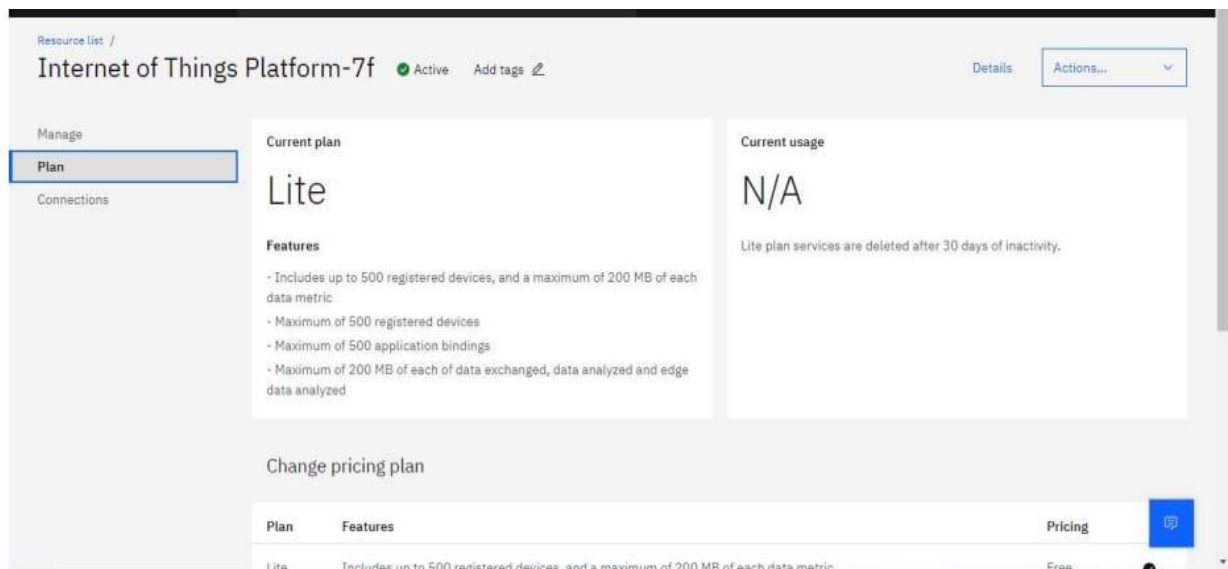


2. Home Page of IBM CLOUD.

Team ID PNT2022TMID25057

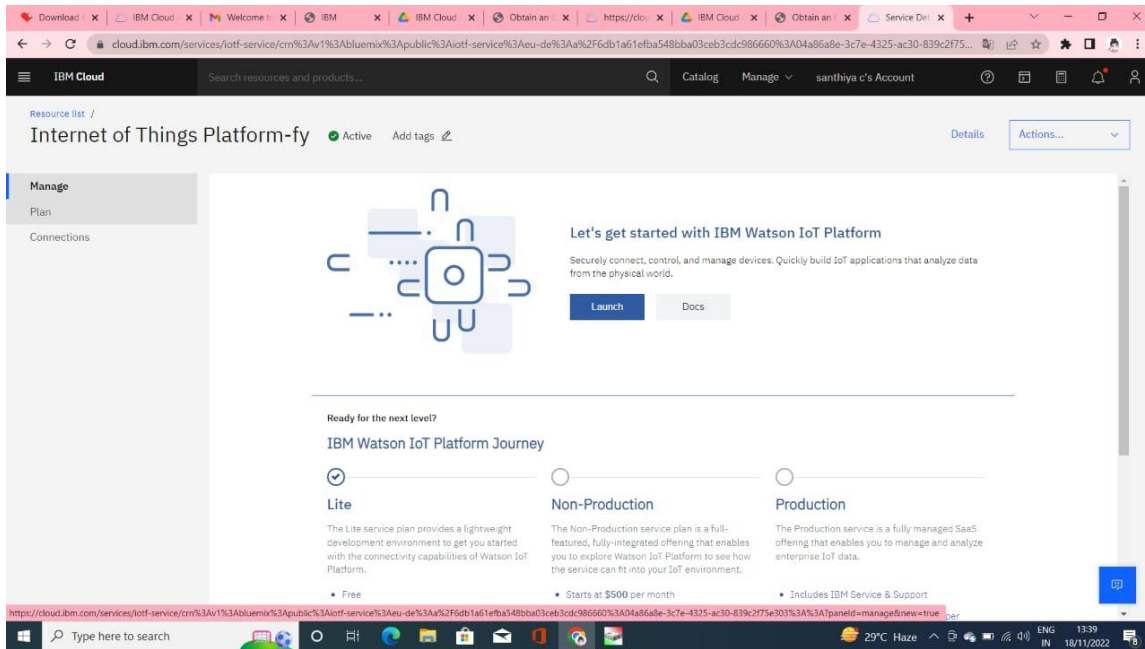


3. Internet of Things Platform Child safety will be created, where there are different options like manage, plan, and connection.

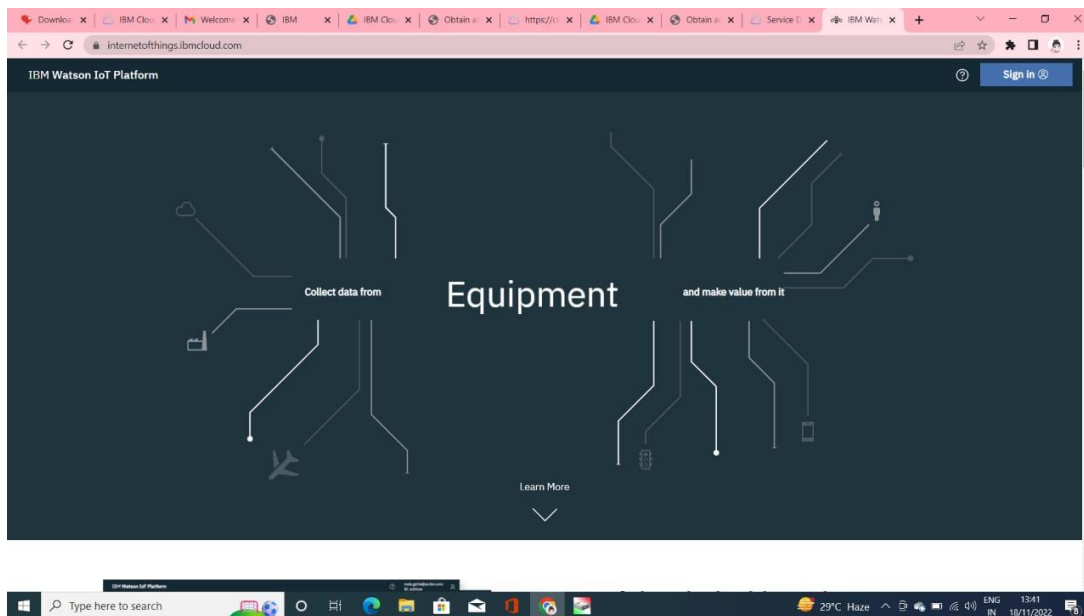


Team ID PNT2022TMID25057

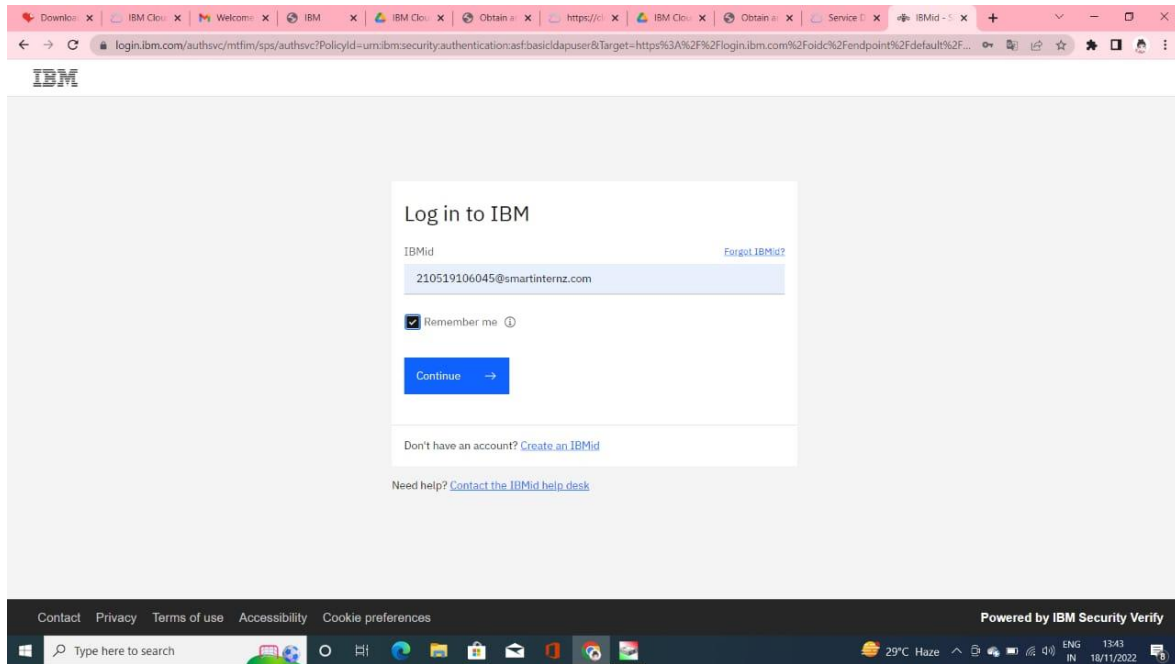
4. Clicking on launch button in the manage tab, it will open to this.



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



**Team ID PNT2022TMID25057**

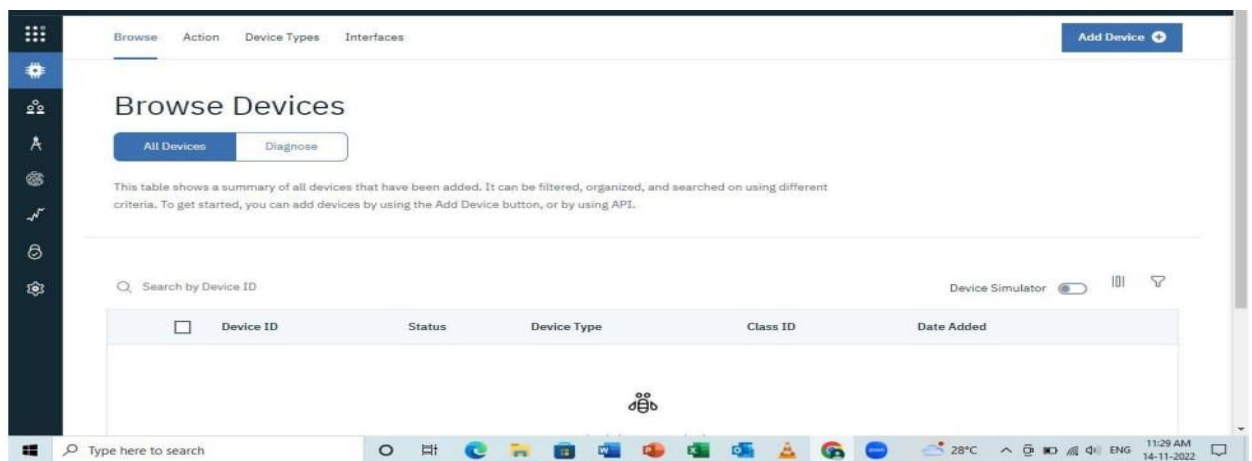


6. Once logged in the name will be displayed and it will go back to first page.

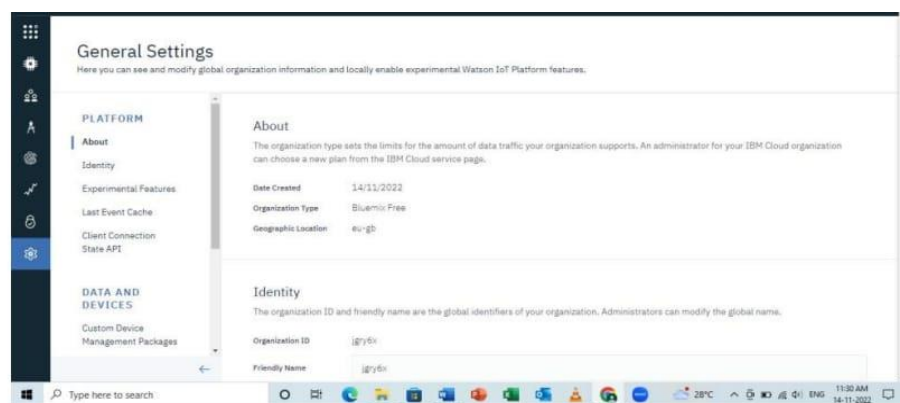


**Team ID PNT2022TMID25057**

7. And clicking again 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.

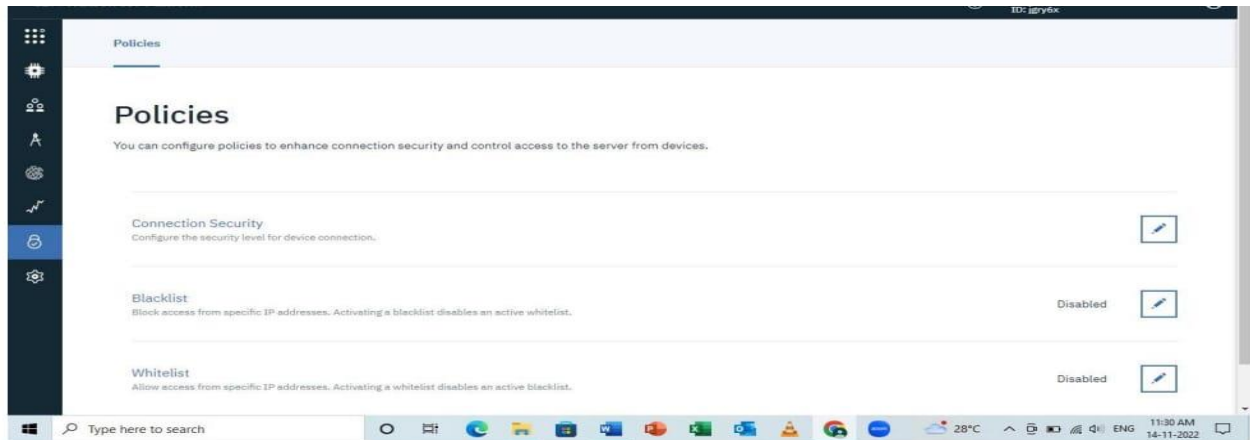


8. The setting tab is used to change the general setting if needed for the project.

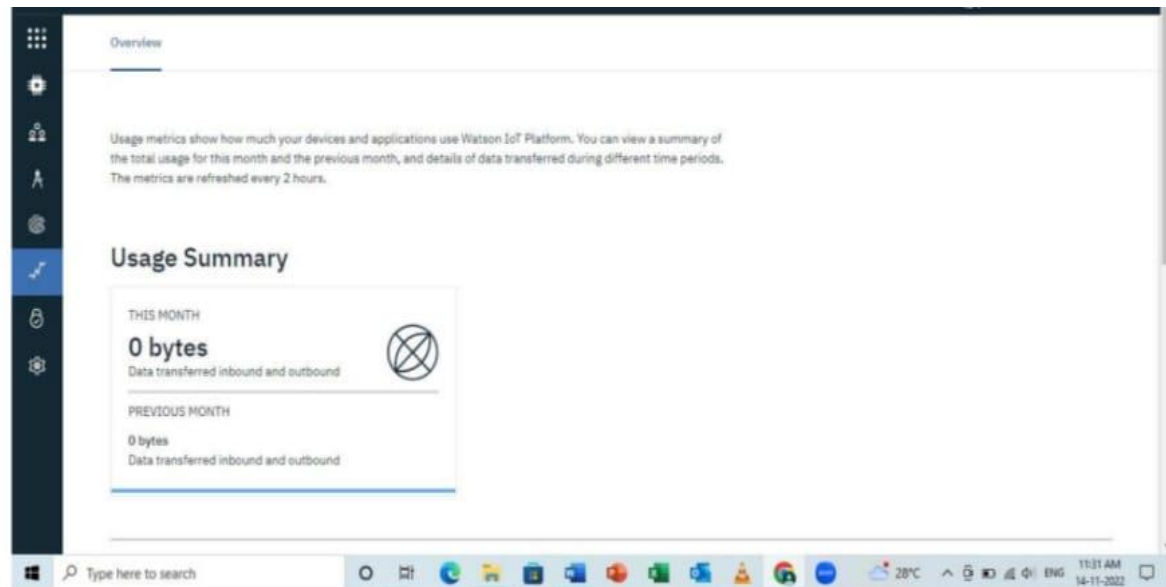


Team ID PNT2022TMID25057

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



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

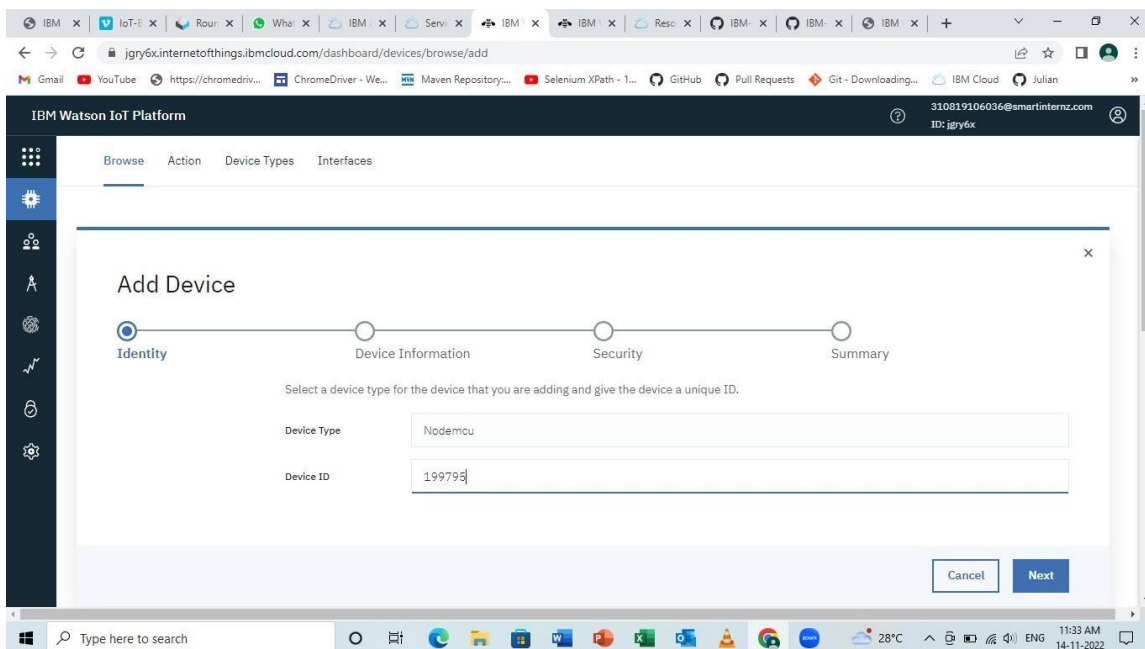


Team ID PNT2022TMID25057

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



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



Team ID PNT2022TMID25057

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

The screenshot shows the 'Add Device' wizard in the IBM Watson IoT Platform. The 'Identity' step is active, showing a progress bar with four steps: Identity, Device Information, Security, and Summary. Below the progress bar, there is a text input field for 'Device Type' containing 'MyDeviceType' and another for 'Device ID' containing '199793'. At the bottom right, there are 'Cancel' and 'Next' buttons.

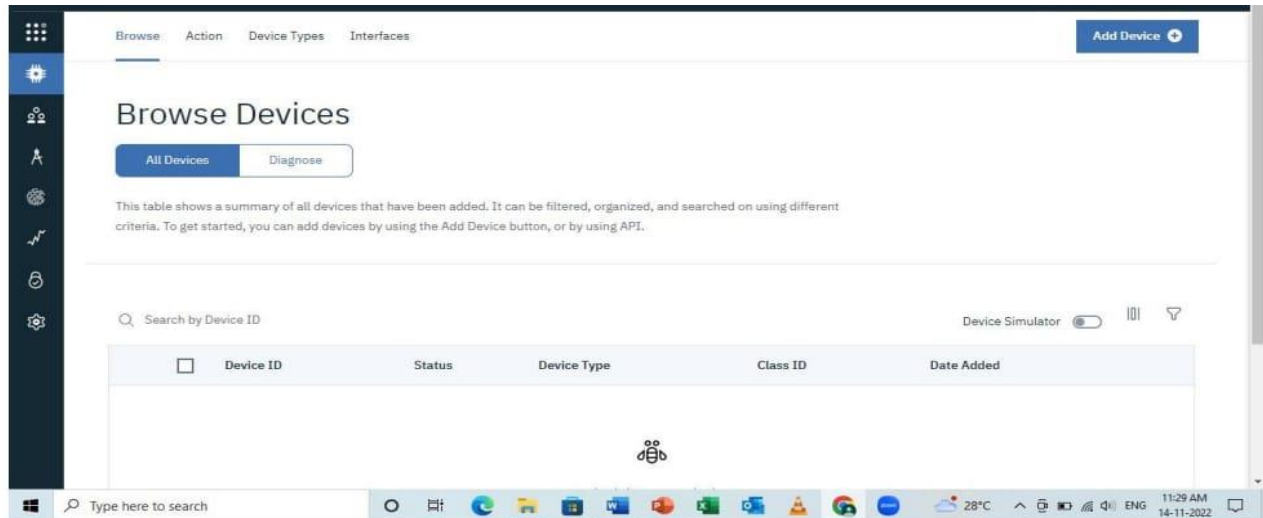
14. clicking on next is goes to the summary of the device then click finish.

The screenshot shows the 'Add Device' wizard in the IBM Watson IoT Platform, now at the 'Summary' step. The progress bar shows all four steps (Identity, Device Information, Security, and Summary) completed. Below the progress bar, there is a text input field for 'Device Type' containing 'MyDeviceType', another for 'Device ID' containing '12345', and a 'View Metadata' button. Below these, there is a 'Security Token' field containing 'To be generated'. At the bottom right, there are 'Back' and 'Finish' buttons.

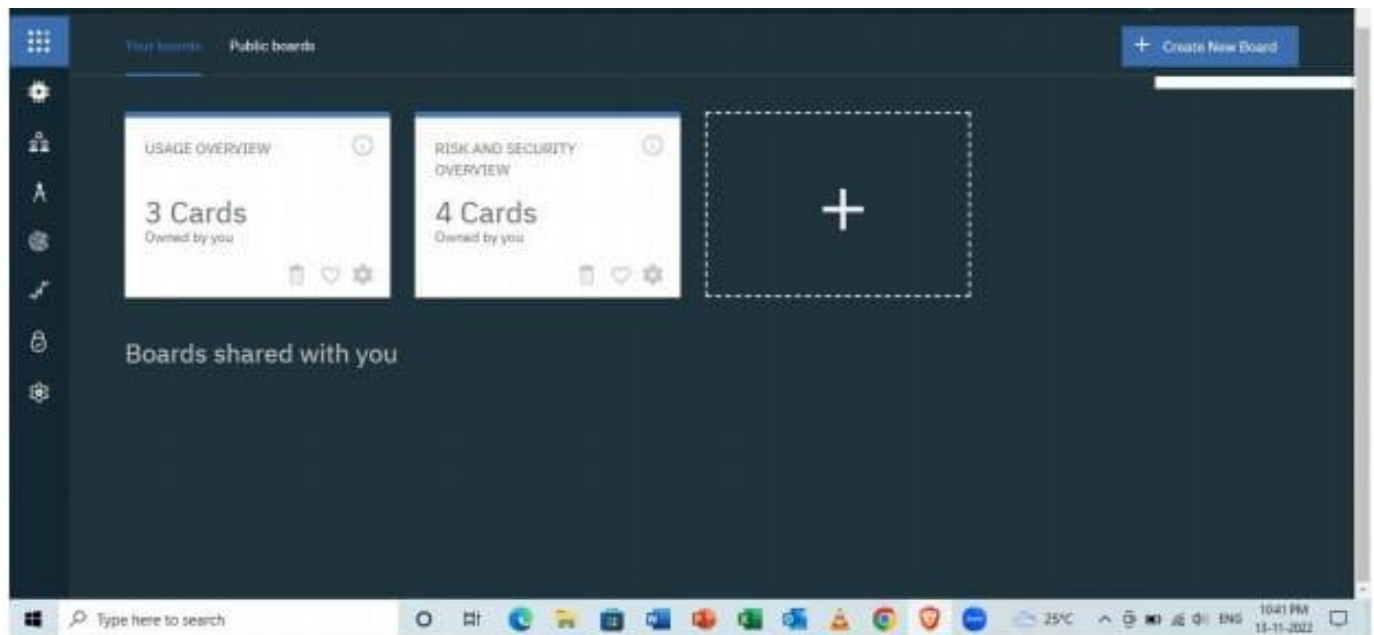


Team ID PNT2022TMID25057

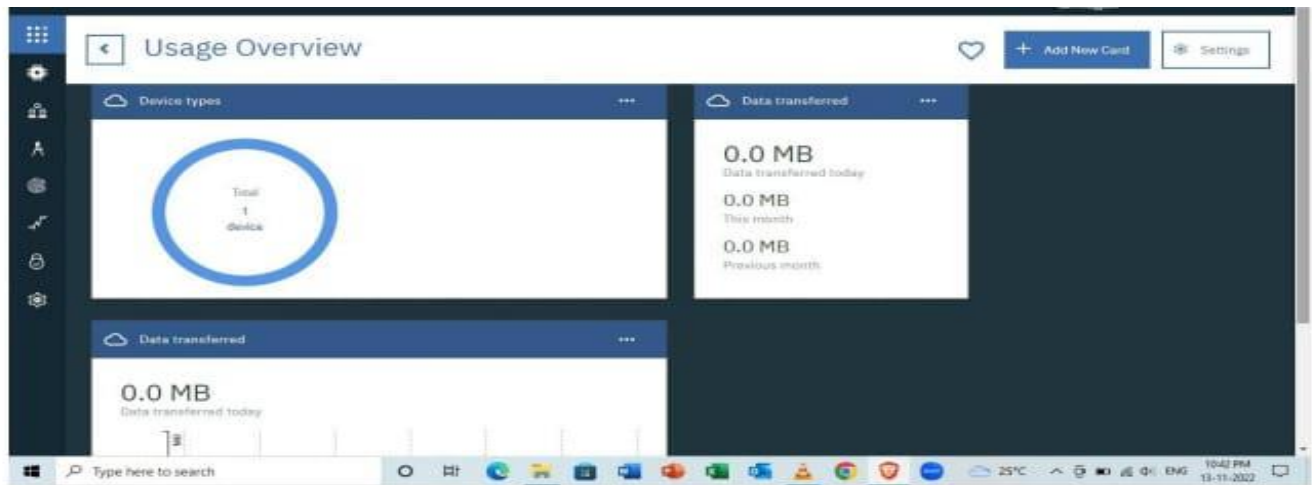
15. Clicking on the device tab we can now see the added device. Clicking on it will display the other details.



16. The boards will display card for the project.



Team ID PNT2022TMID25057



Result:

An IBM Watson cloud for IoT and device is created.

