

TEAM ID :PNT2022TMID30354

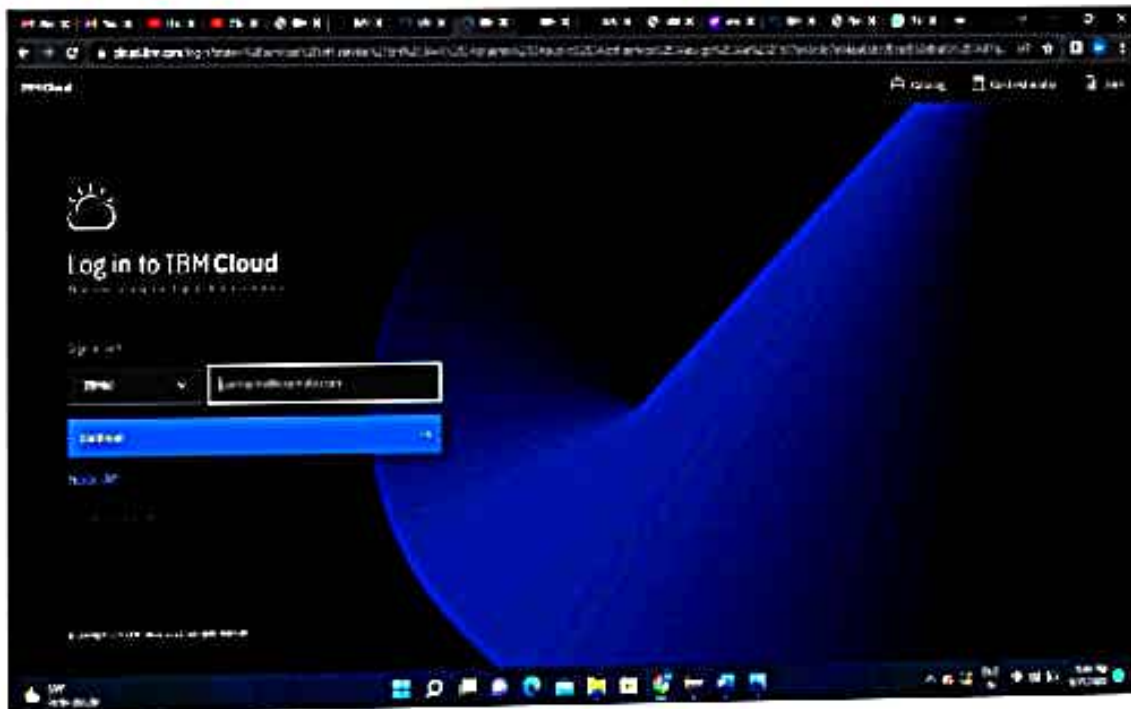
## CREATE IBM WATSON IOT PLATFORM AND DEVICE

### AIM:

To create the IBM Watson IoT platform and device.

### STEPS:

1. Firstly create an IBM cloud account with IBM id and a password.



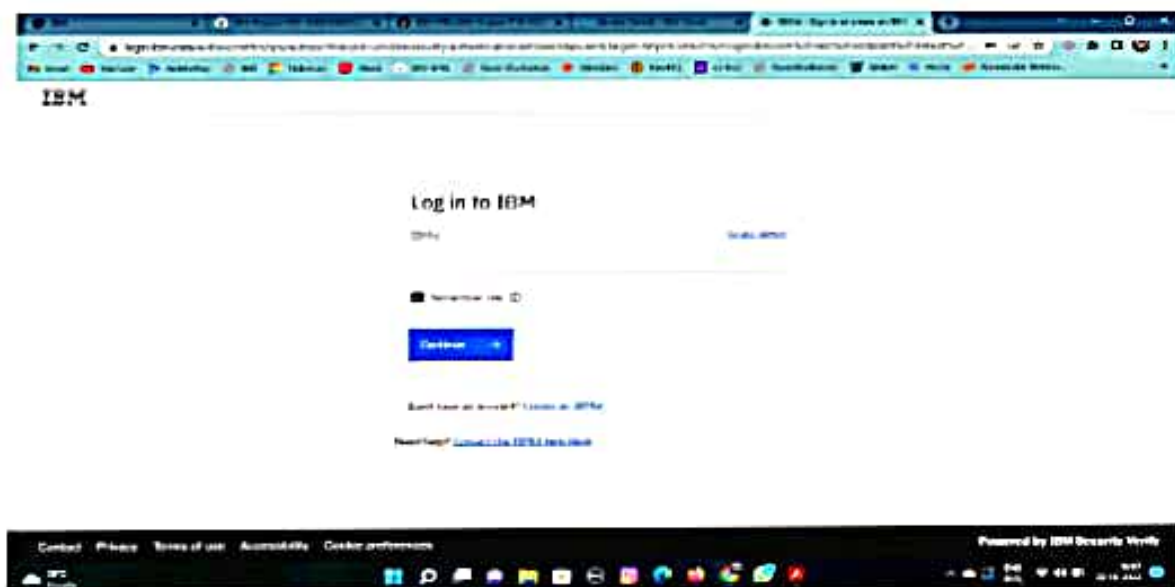
2. Homepage of IBM cloud.

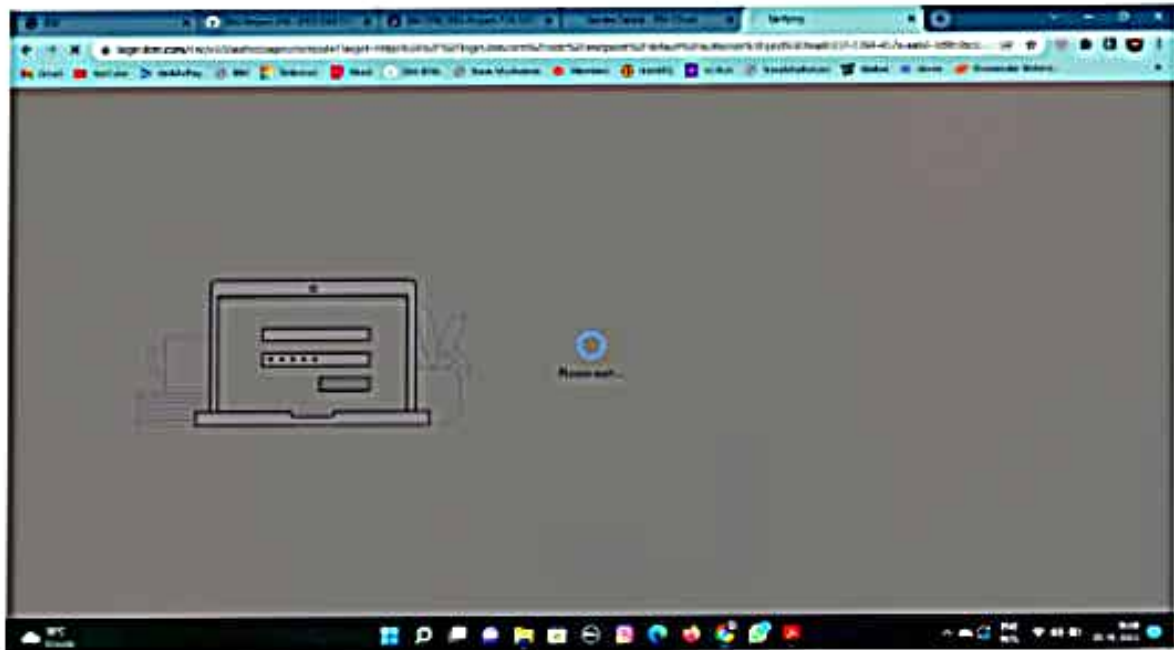


4. Clicking on the launch button in the manager tab, it will open to this.

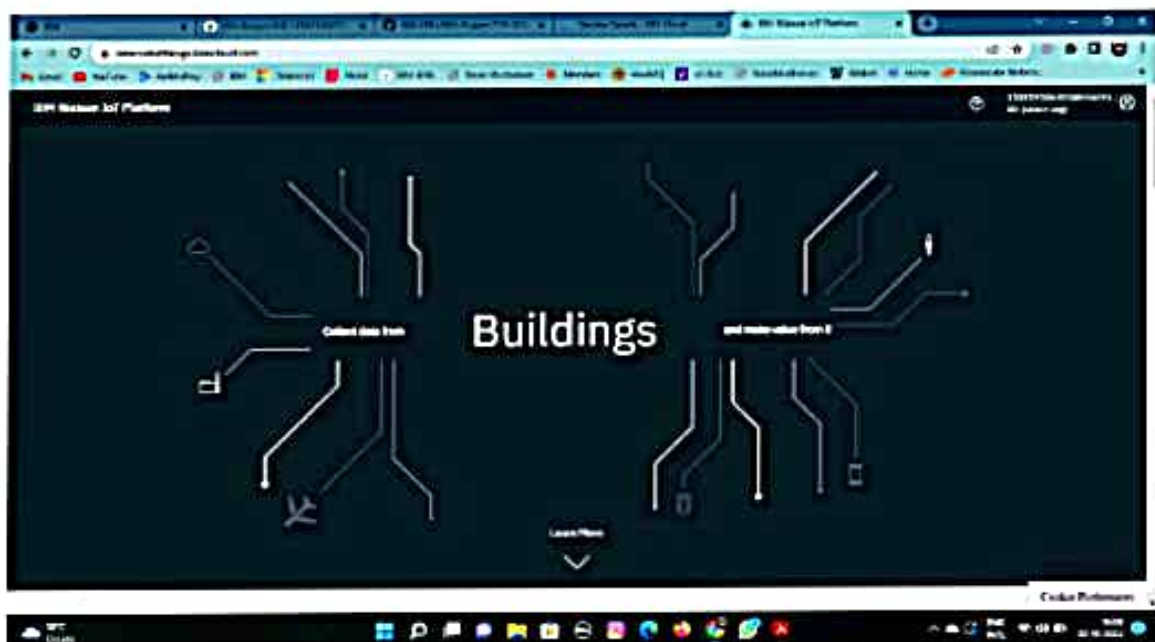


5. Enter the details to sign into the Watson Cloud to create a device.

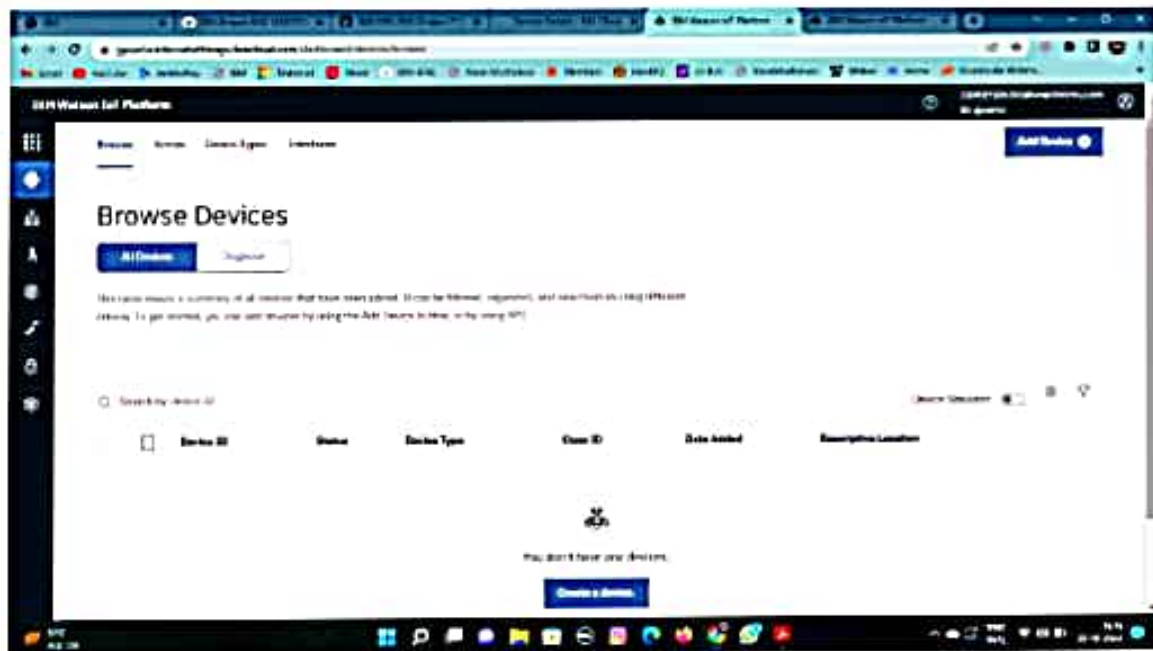




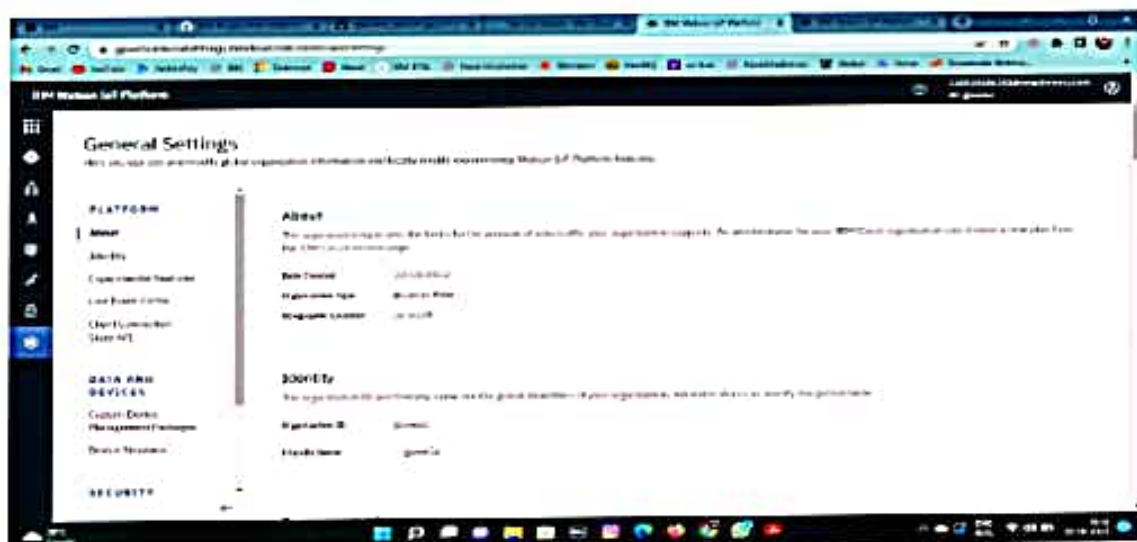
6. Once logged in the name will be displayed and it goes back to the first page.



7. 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.

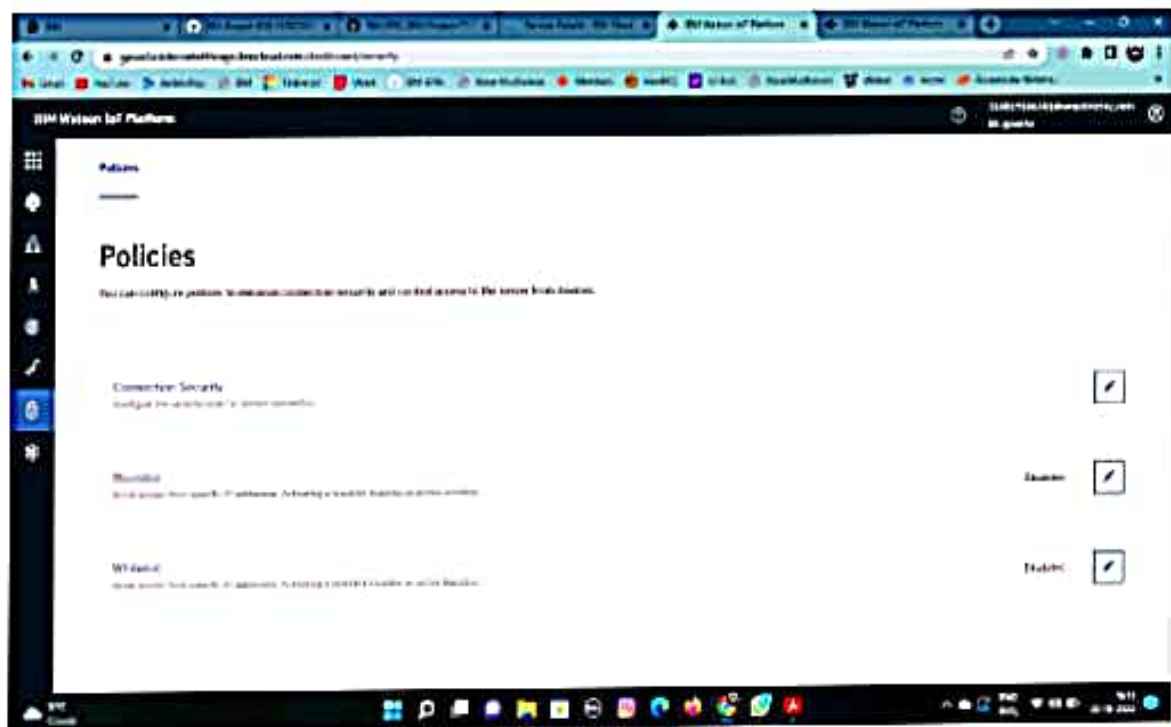


8. The setting tab is used to change the general setting if needed for the project.

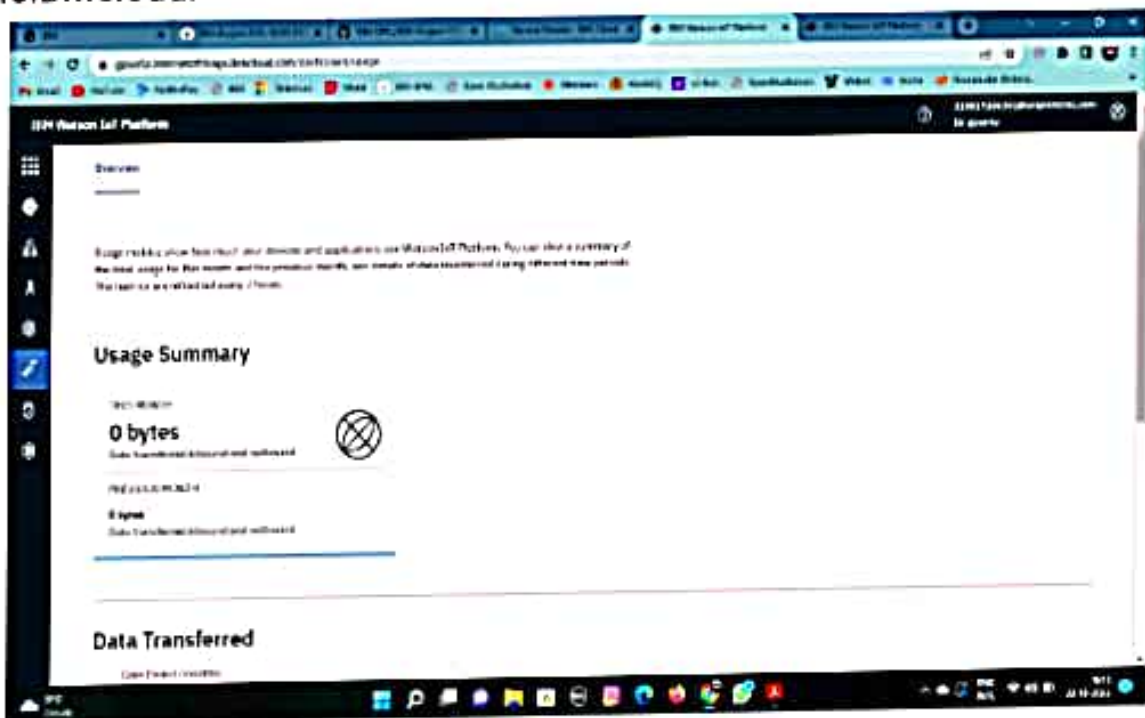




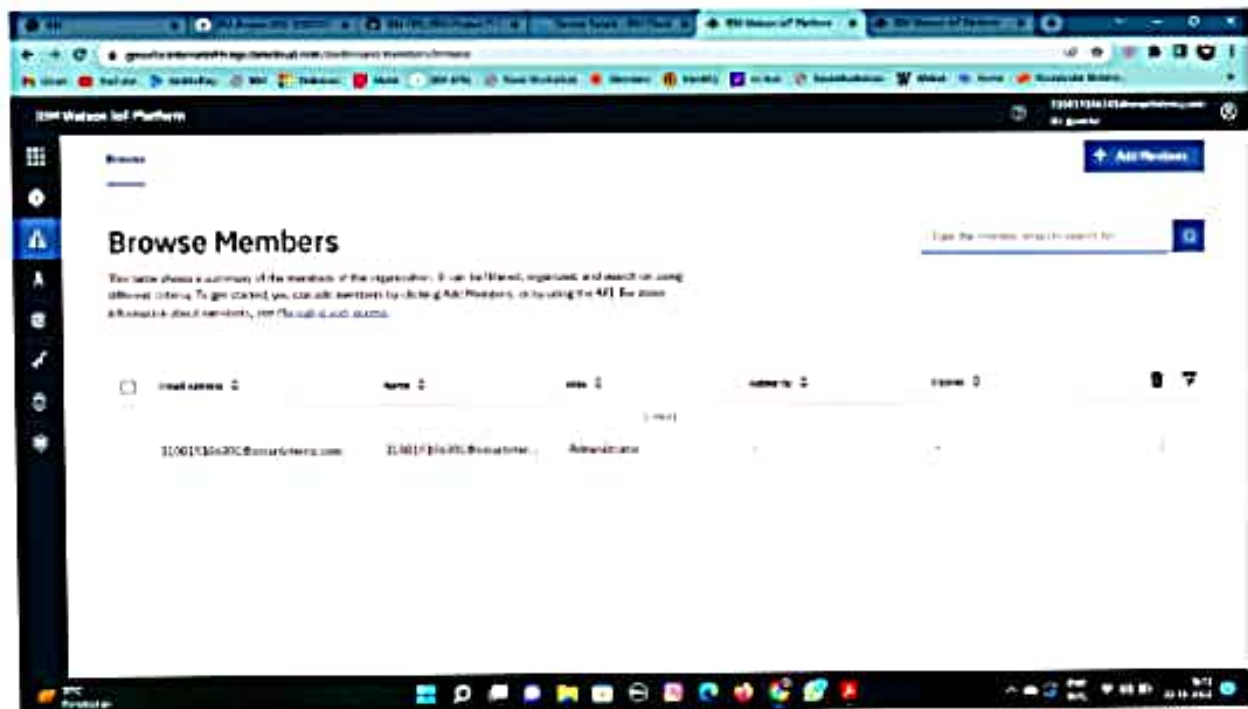
9. the security tab we can choose the type of security connection and can change according to specification.



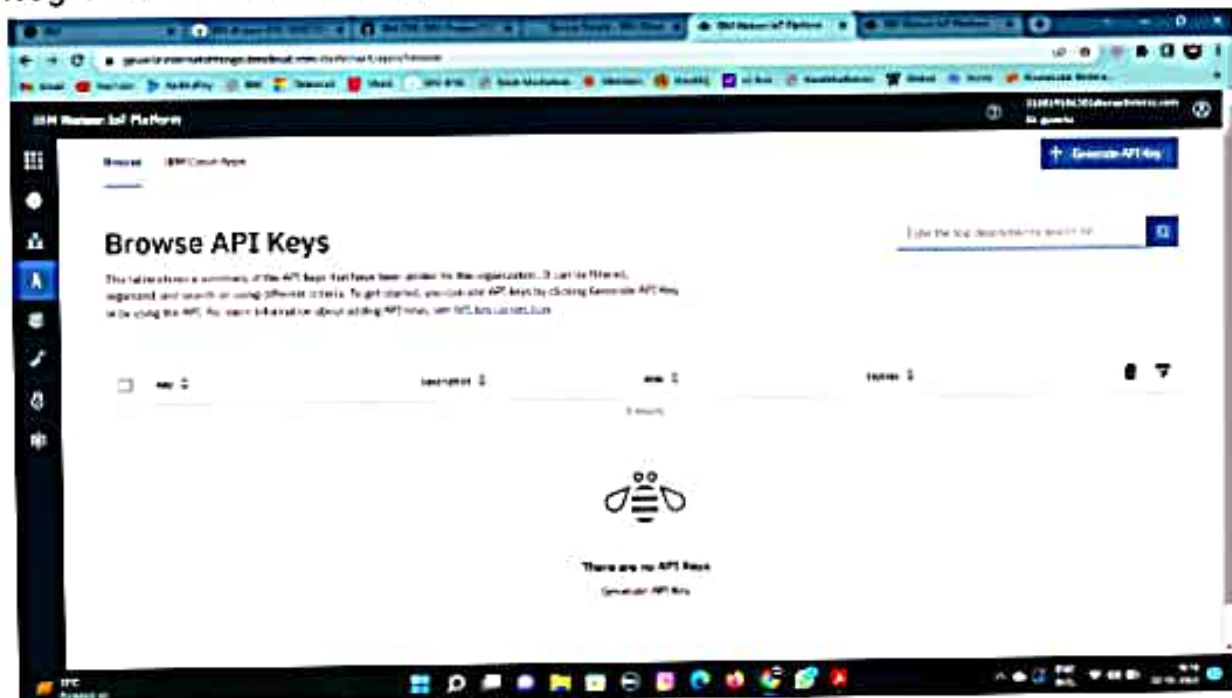
10. Usage gives the summary of how many bytes are used between the devices and the IBM cloud.



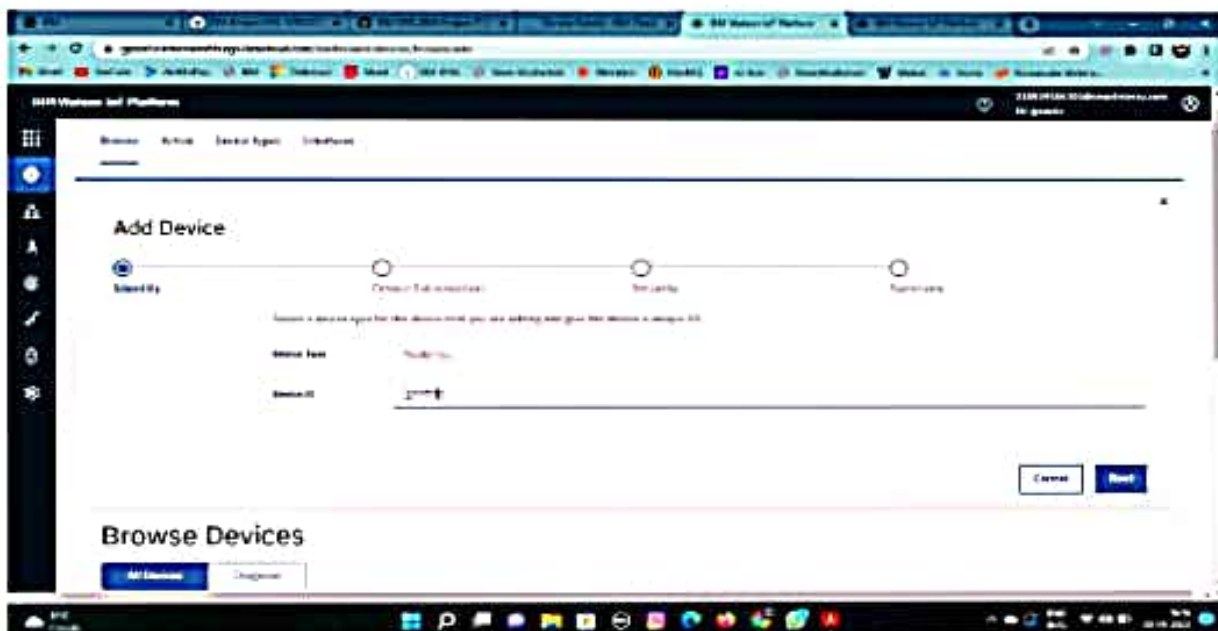
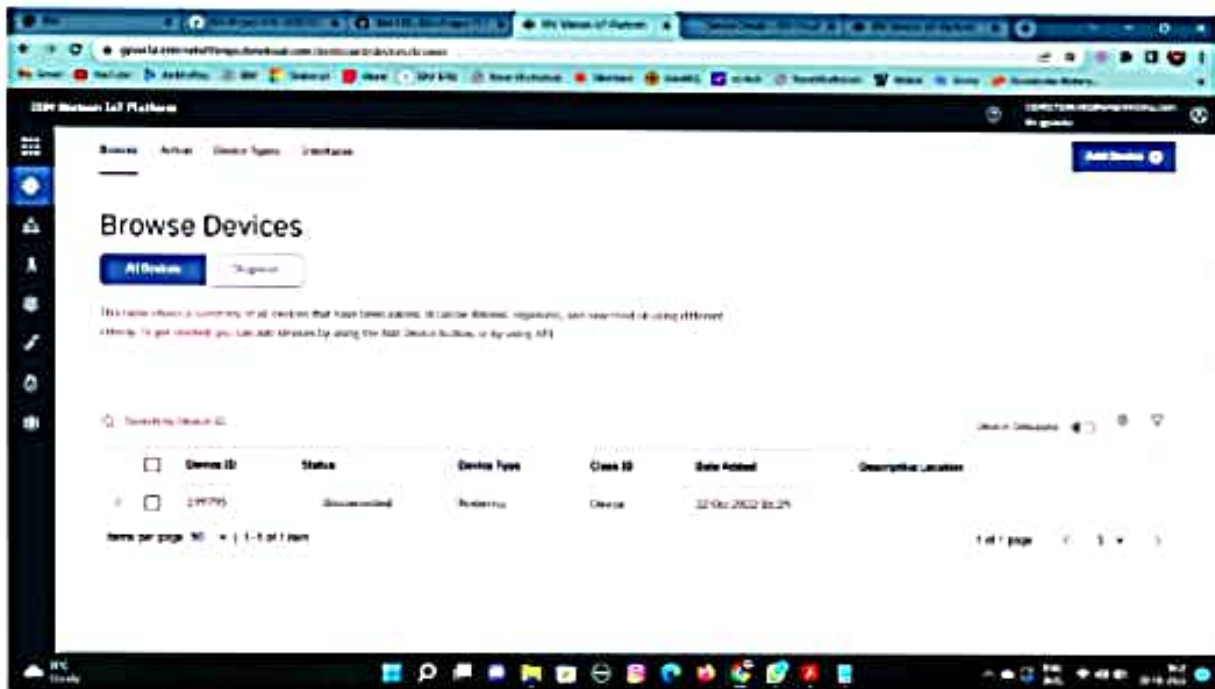
11. The member tab is add the team member to work in the platform.



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



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





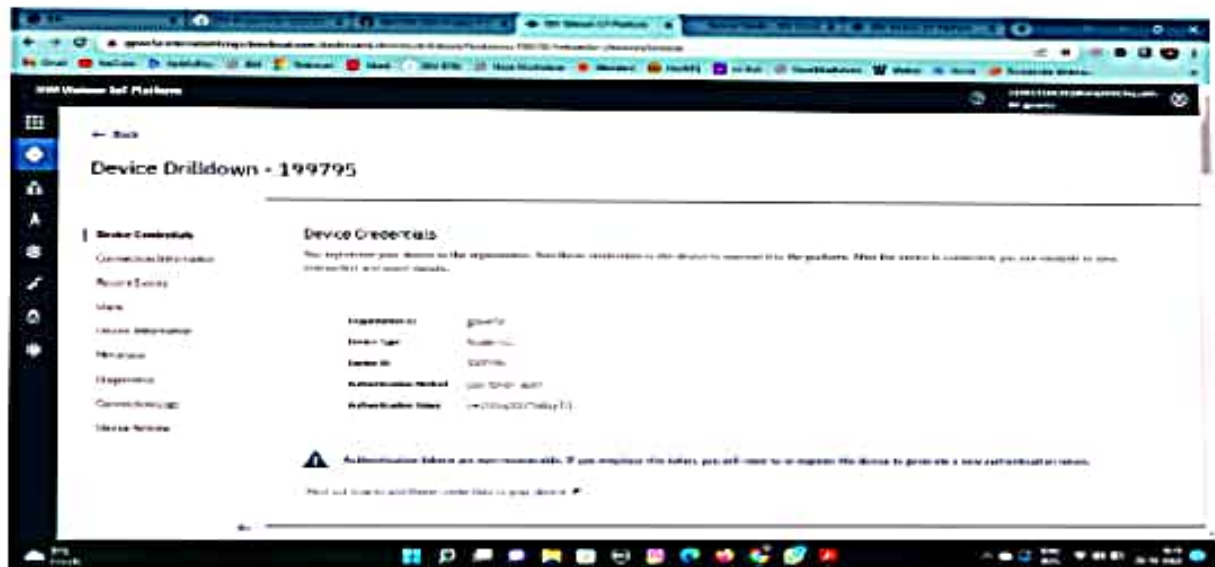
14. This page to enter extra details and of the hardware.

The screenshot shows the 'Add Device' page in the IBM Watson IoT Platform. The page has a dark sidebar on the left with navigation icons. The main content area has a header with 'Browse', 'Active', 'Device Types', and 'Linkages'. Below this is a progress bar with four steps: 'Identity', 'Device Information', 'Security', and 'Summary'. The 'Device Information' step is currently active. Below the progress bar, there is a text prompt: 'You can modify the default device information and add additional information about the device for identification purposes.' This is followed by a form with two columns of input fields. The left column includes 'Serial Number' (with a 'Show Device Number' link), 'Model' (with a 'Show Model' link), 'Manufacturer' (with a 'Show Manufacturer' link), and 'Manufacturer Name' (with a 'Show Manufacturer Name' link). The right column includes 'Manufacturer' (with a 'Show Manufacturer' link), 'Device Type' (with a 'Show Device Type' link), 'Manufacturer Model' (with a 'Show Manufacturer Model' link), and 'Description (optional)' (with a 'Show Description (optional)' link). At the bottom of the form is a blue button labeled 'Add Parameters'.

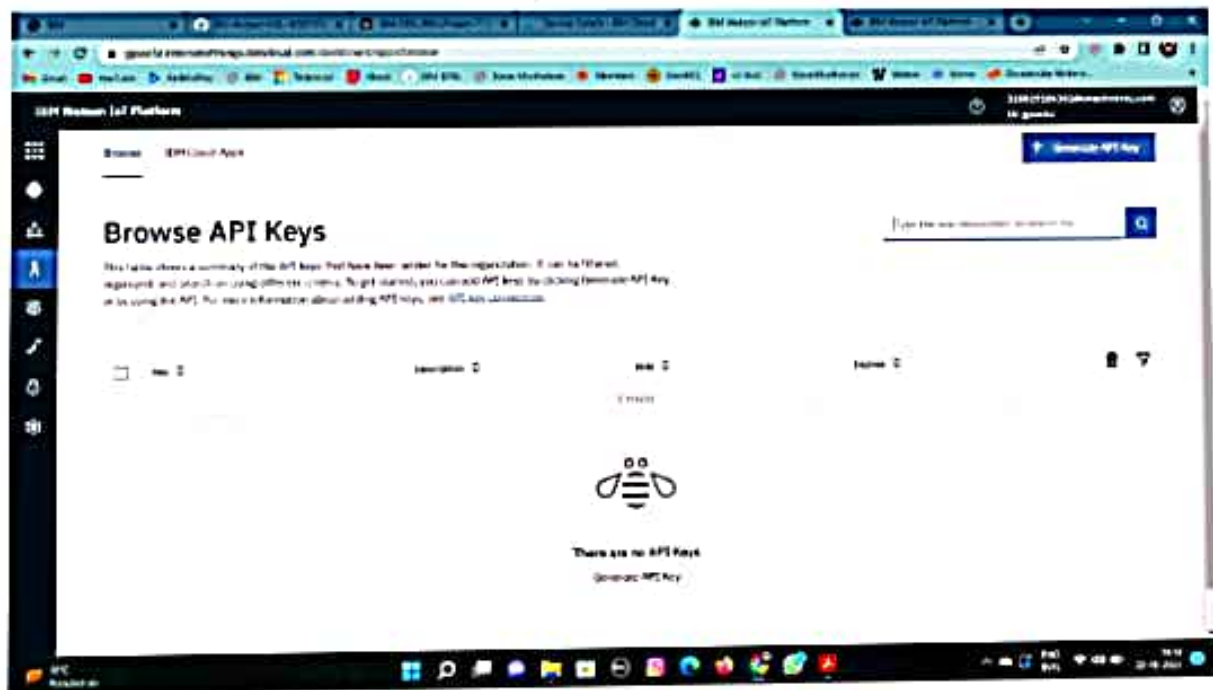
15. Clicking on next it goes to the summary of the device then click finish.

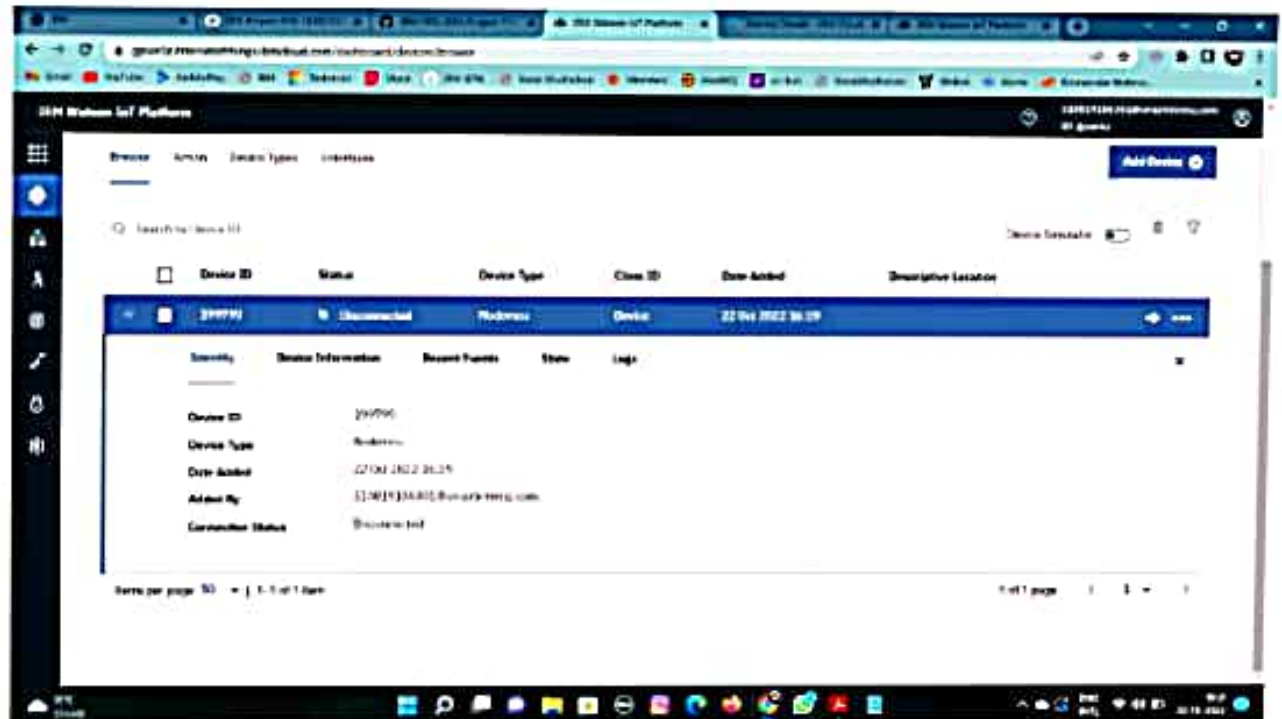
The screenshot shows the 'Add Device' page in the IBM Watson IoT Platform, now at the 'Summary' step. The progress bar at the top shows 'Identity', 'Device Information', 'Security', and 'Summary', with 'Summary' being the active step. Below the progress bar, there is a text prompt: 'Verify that the following information is correct. Then click Finish.' This is followed by a list of fields: 'Device Name', 'Manufacturer', 'Model', and 'Manufacturer Name'. Below these fields is a blue button labeled 'Show Information'. At the bottom of the page, there are two buttons: 'Next' and 'Finish'.

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

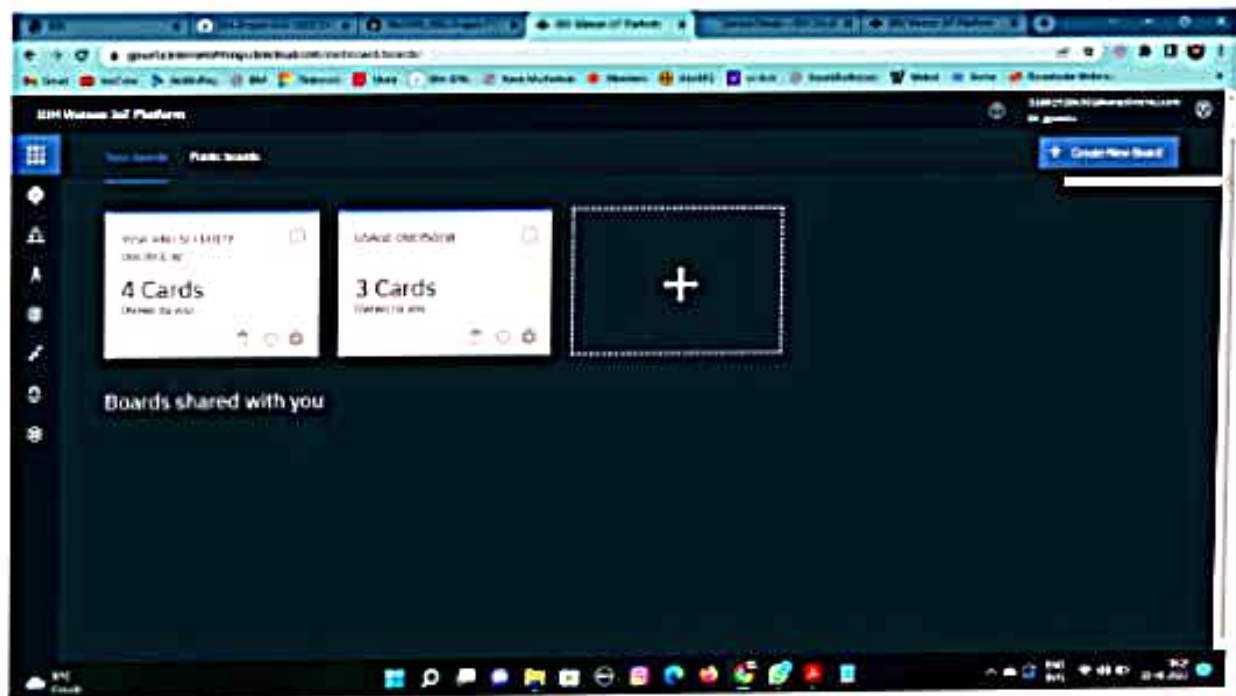


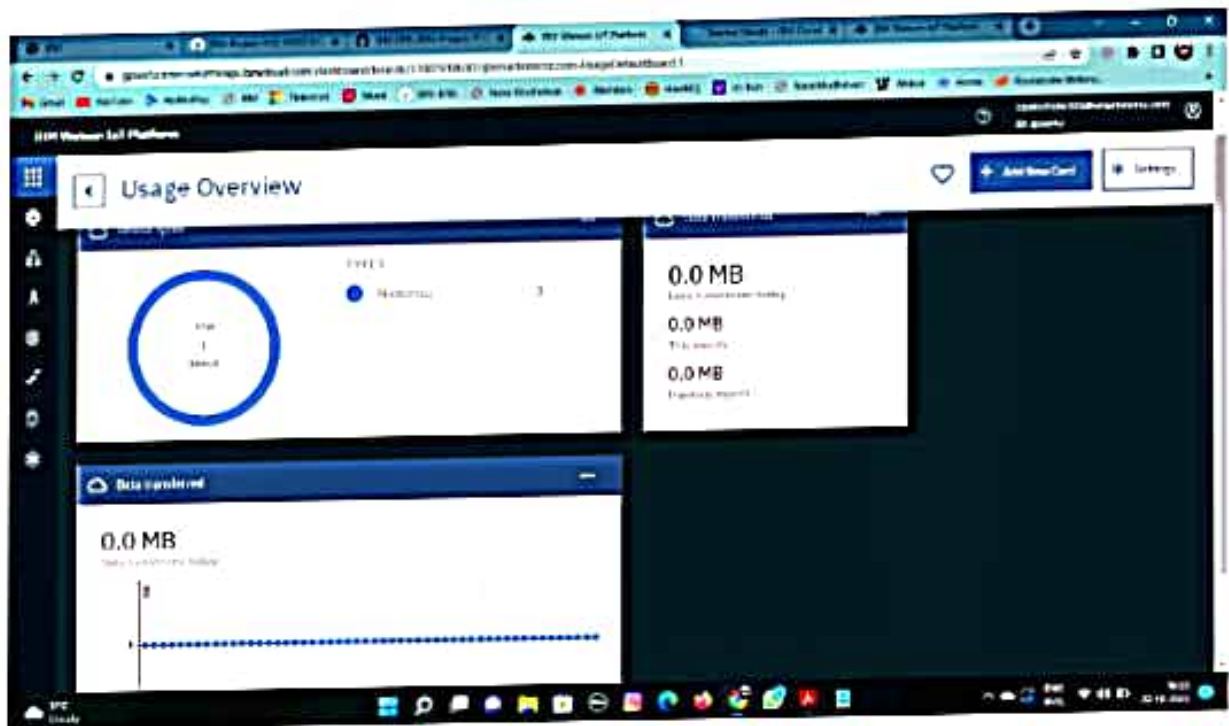
17. Clicking on the device tab we can now see the added device. Clicking on it will display the other details.





18. The Boards will display card for the project.





**RESULT:**  
An IBM Watson cloud for IoT and a device is created.