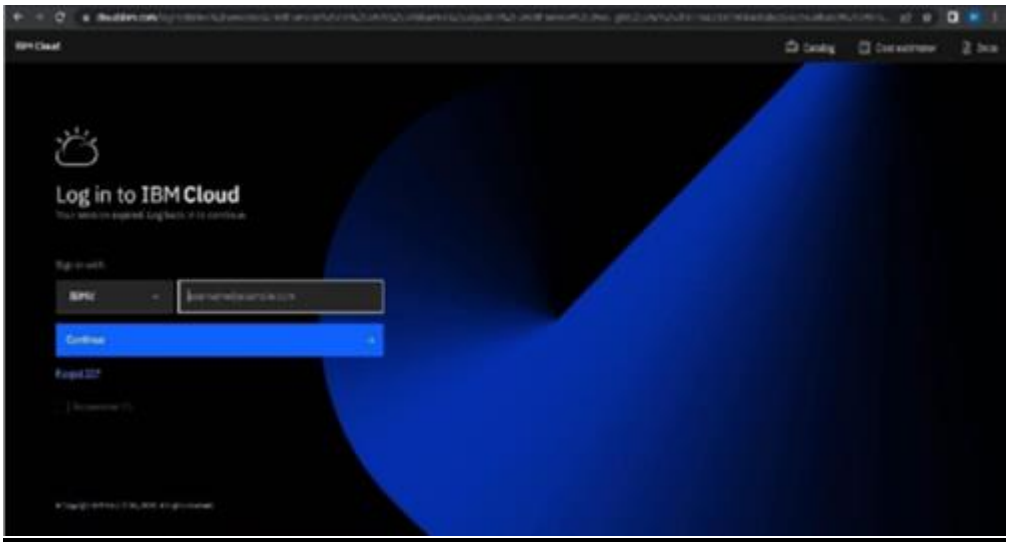
CREATE IBM WATSON IOT PLATFORM AND DEVICE

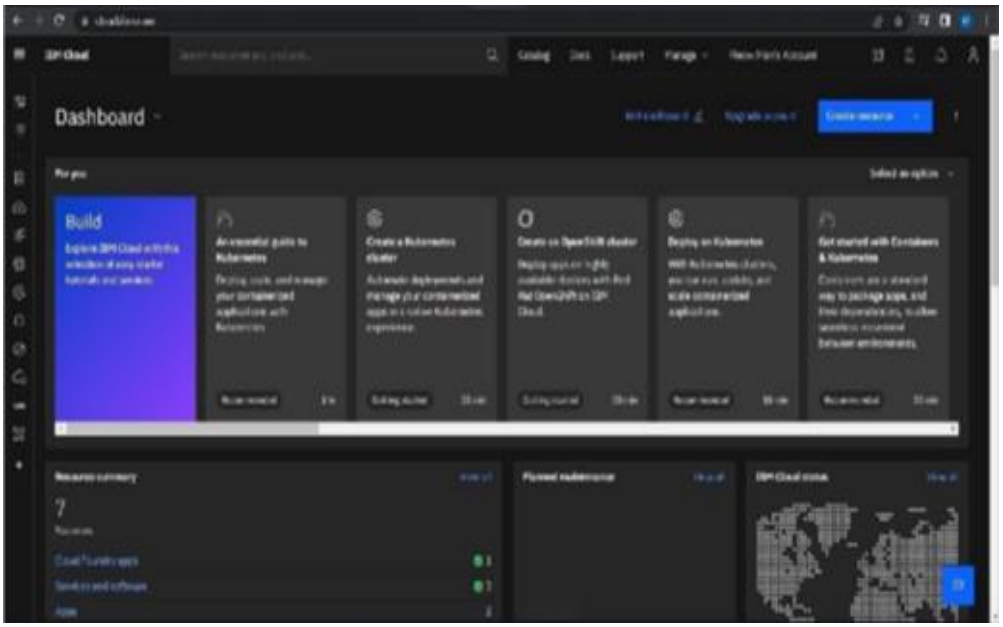
Date	22-10-2022
Team ID	PNT2022TMID24448
Project Name	Real-Time River Water Quality Monitoring and Control System
Maximum Marks	4 Marks

STEPS:

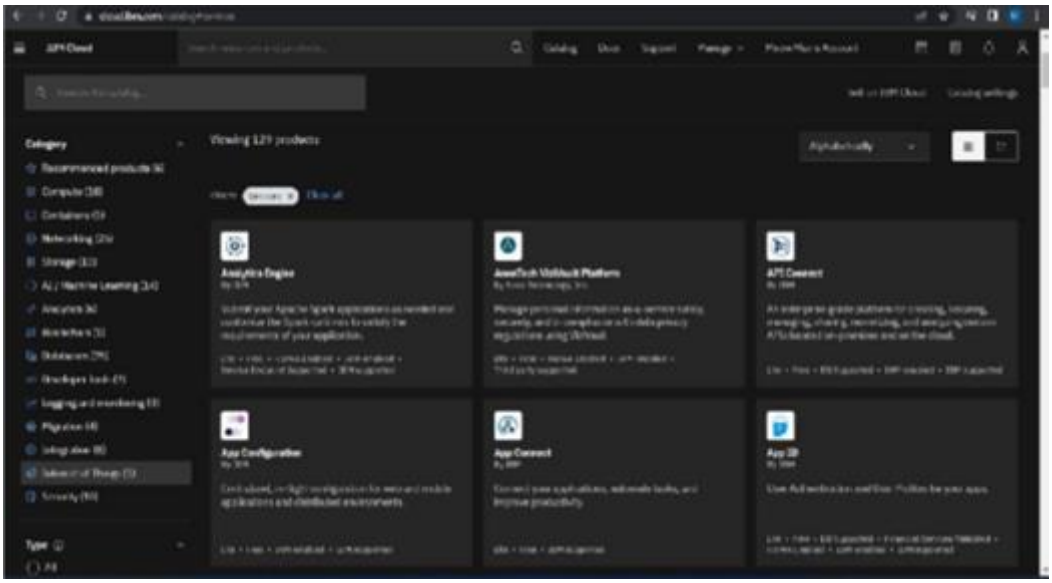
- **First create an IBM cloud account with IBM id and password:**



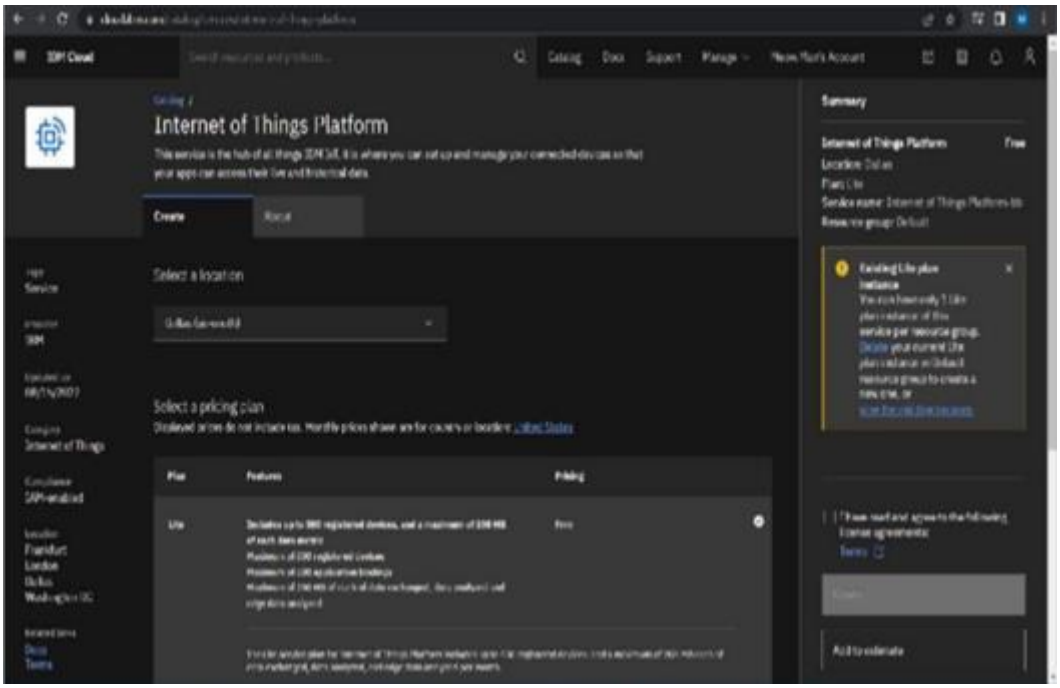
- **Home page of IBM cloud:**



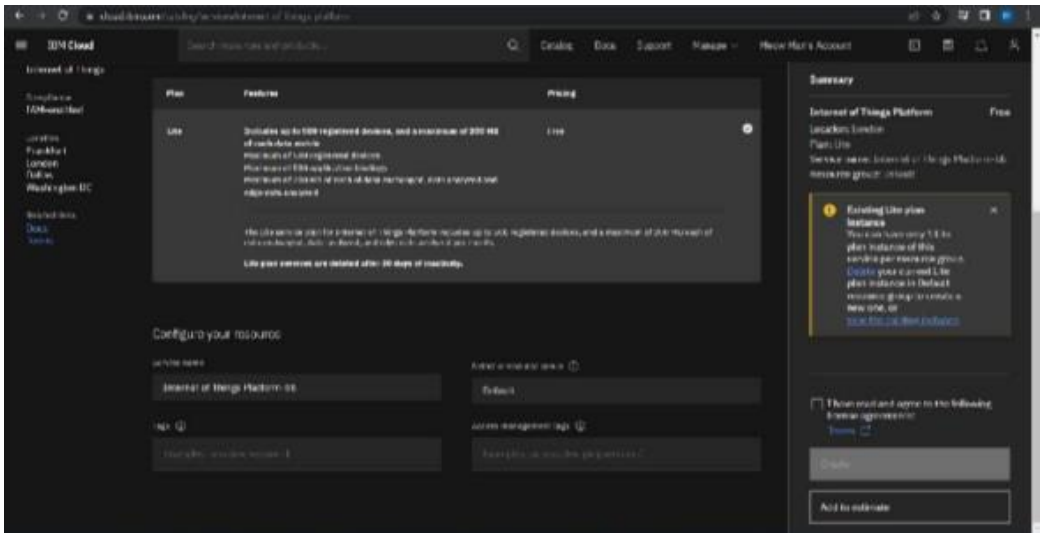
- **Click on the catalog on the top:**



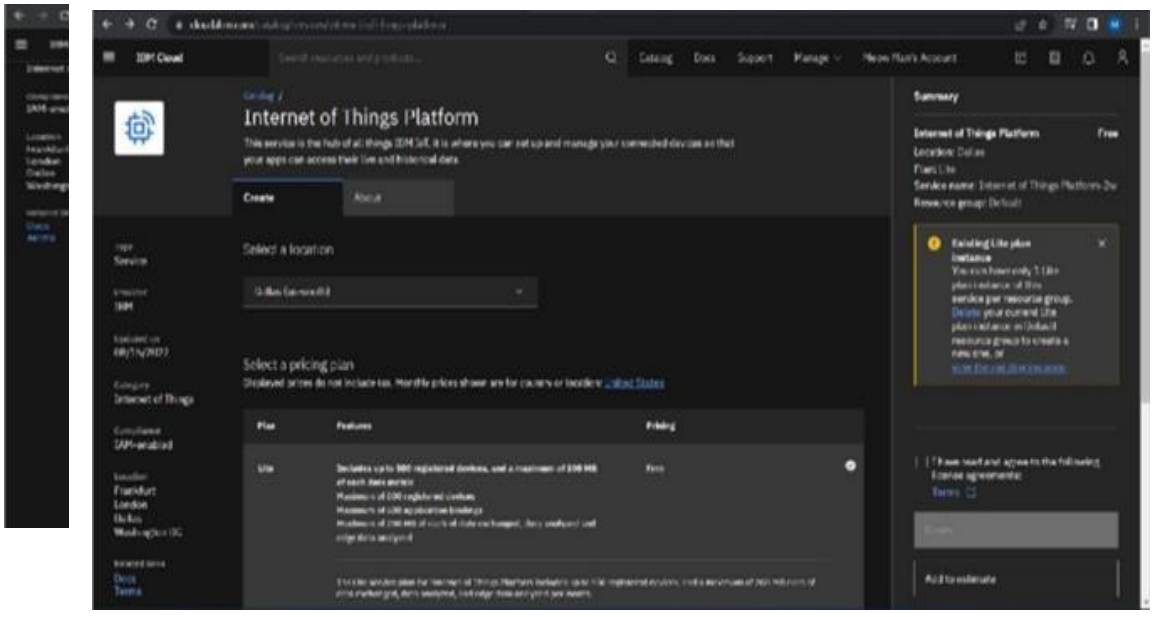
Click on IoT in the category mentioned:



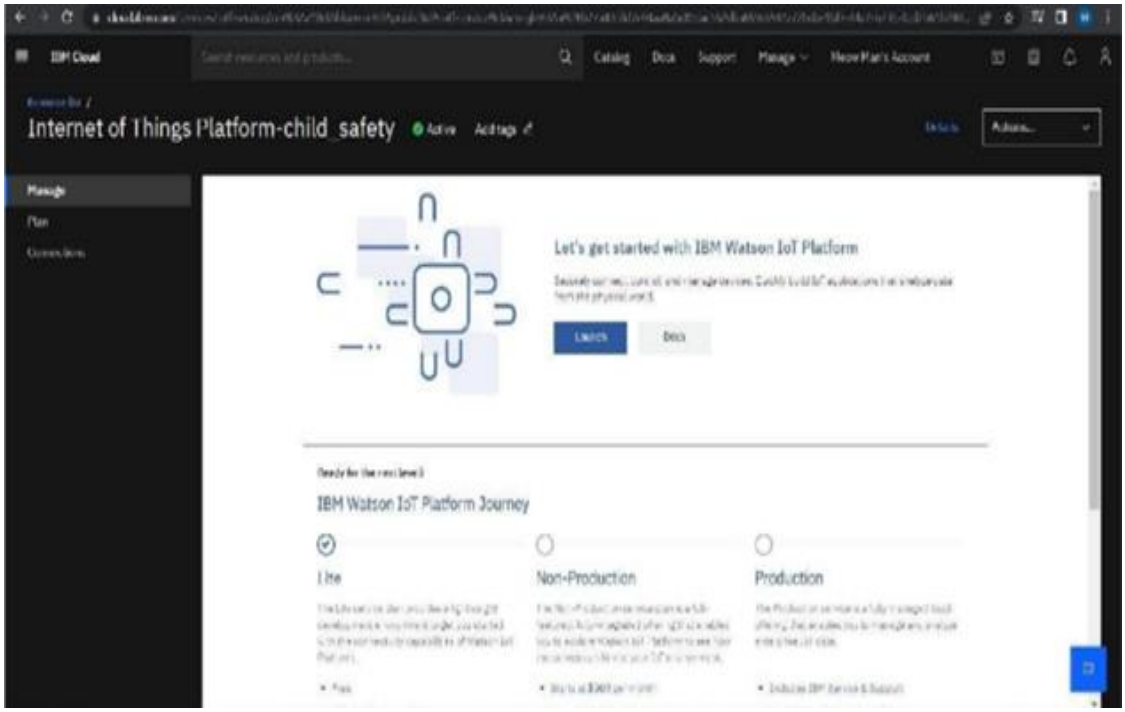
- **If already a lite is present delete it else u can’t create another:**



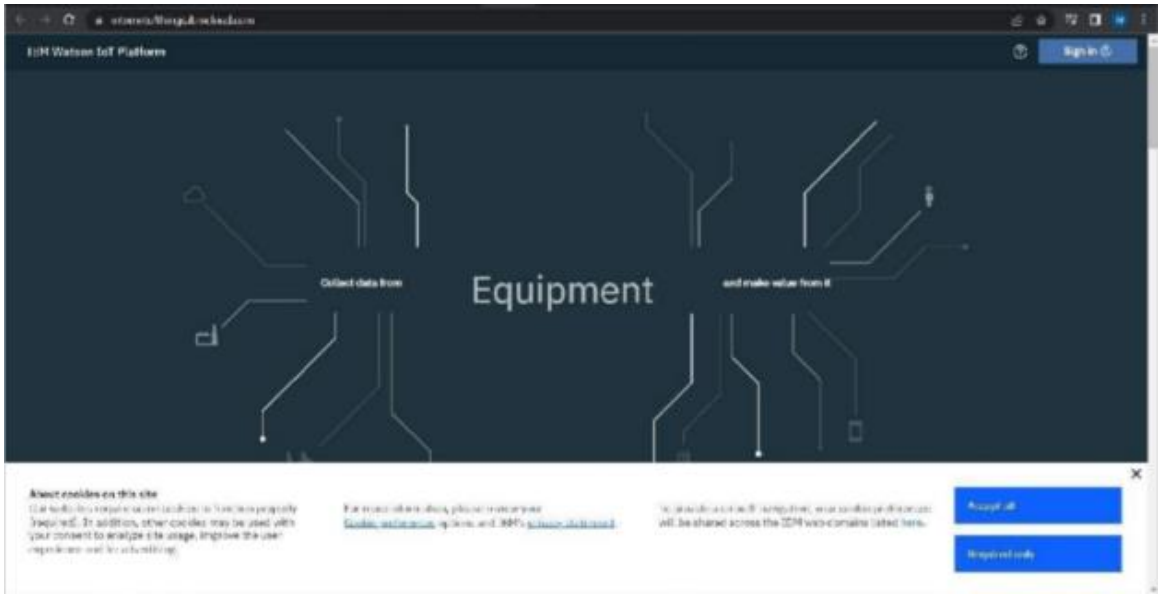
- **Enter the location and in the configure your resource type the service nameand choose the plan, tick the agree with agreements and then click on create:**



- **Internet of Things Platform Child safety will be created, where there are different options like manage, plan, and connection (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 servies):**

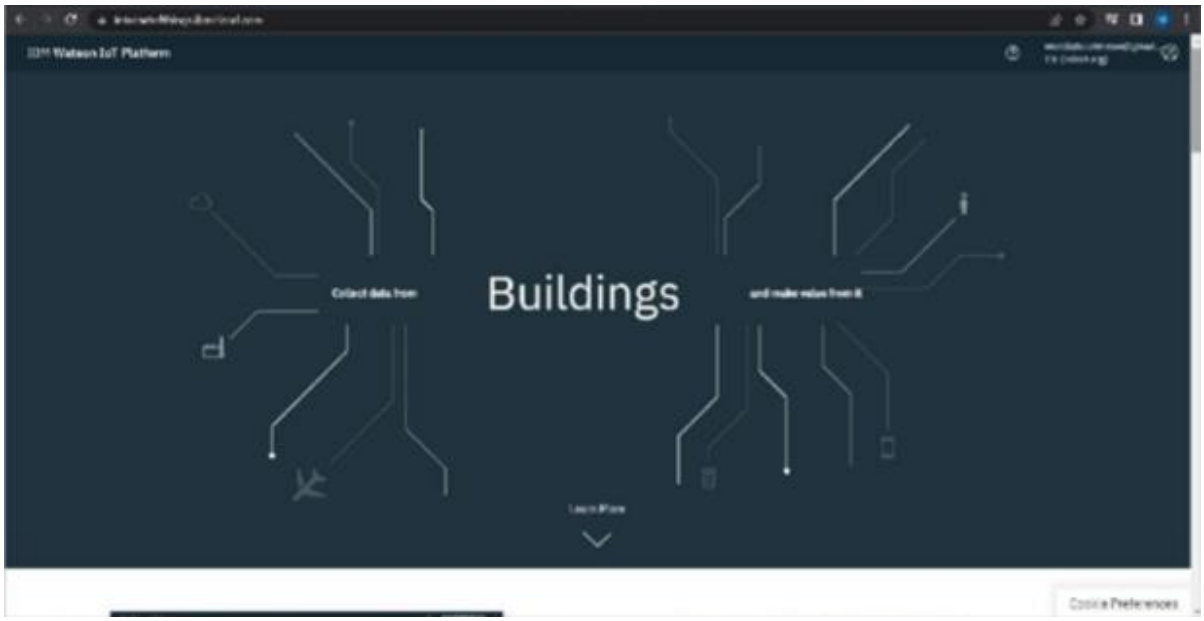


- **Clicking on the launch button in the manage tab, it will open to this:**

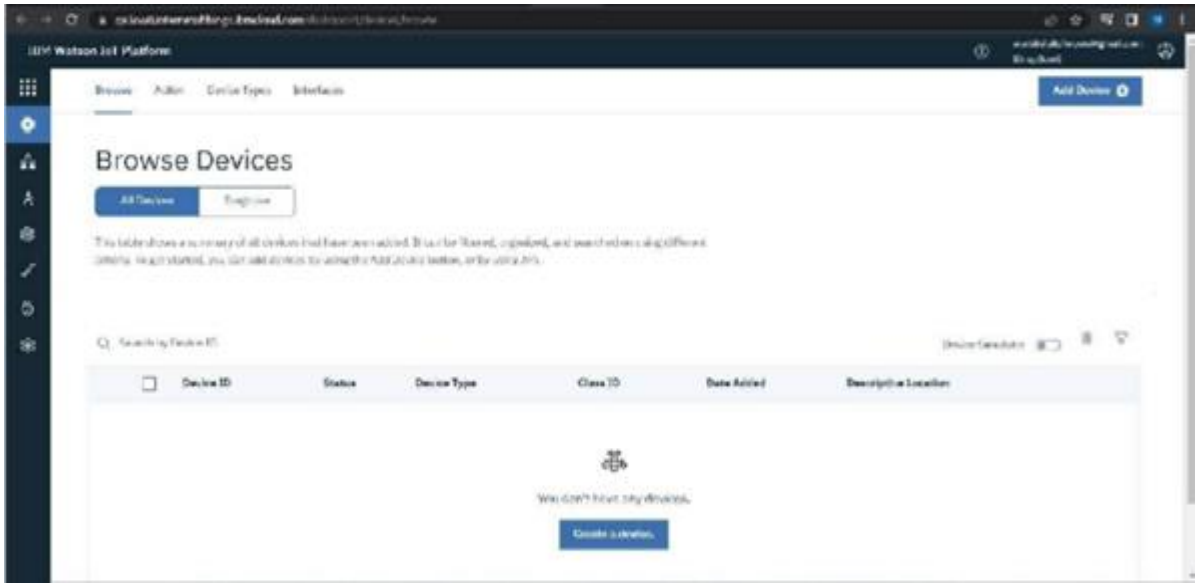


- **Enter the details to sign in to the Watson Cloud to create a device:**

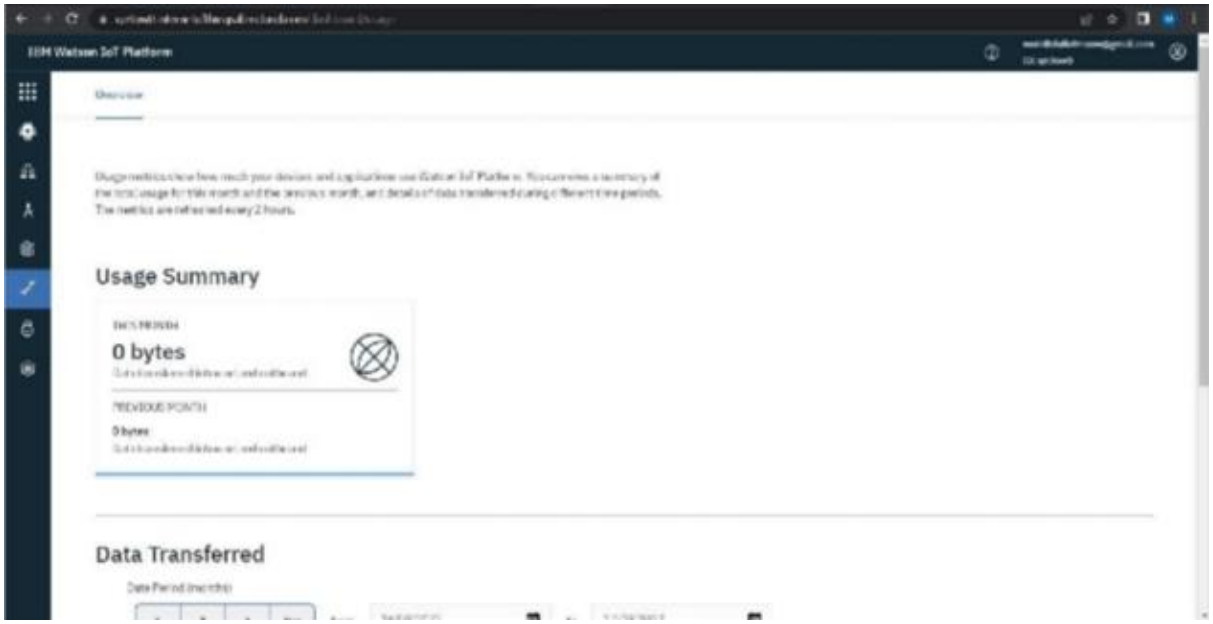
- **Once logged in the name will be displayed and it goes back to the first page:**



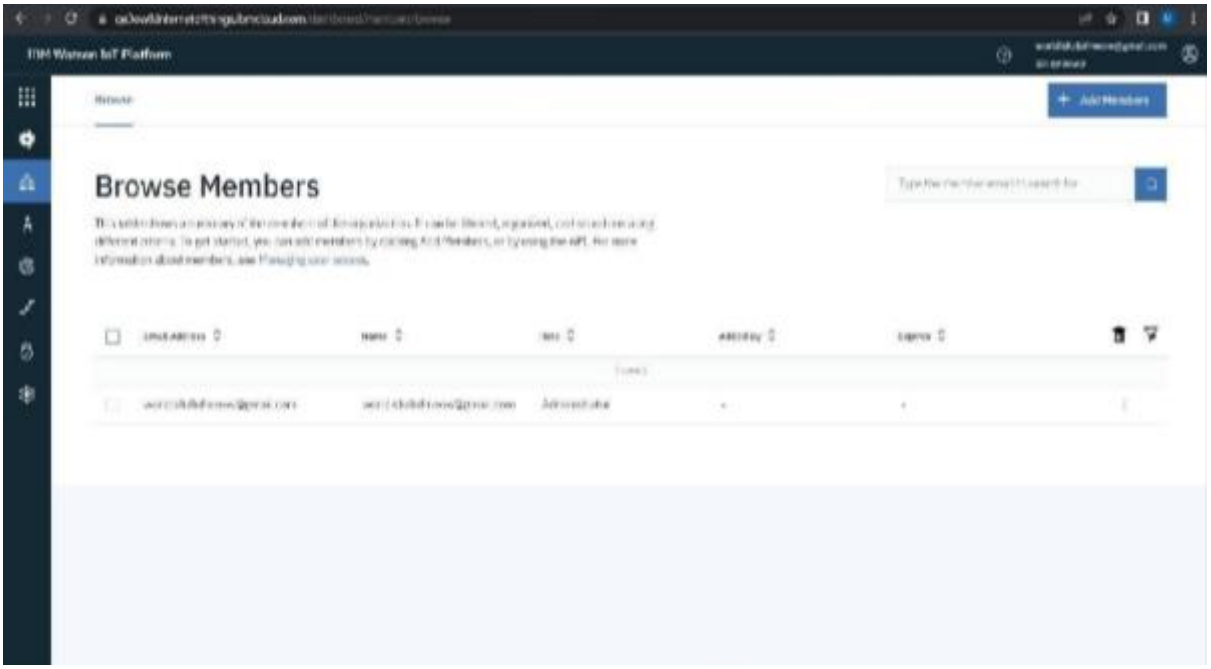
- **And again clicking on the launch button will open this tab, the device willhelp in the creation of the devices, the addition of devices, and the displayofdetails of the devices:**



- **Usage gives the summary of how many bytes are used between the devices and the IBM cloud:**

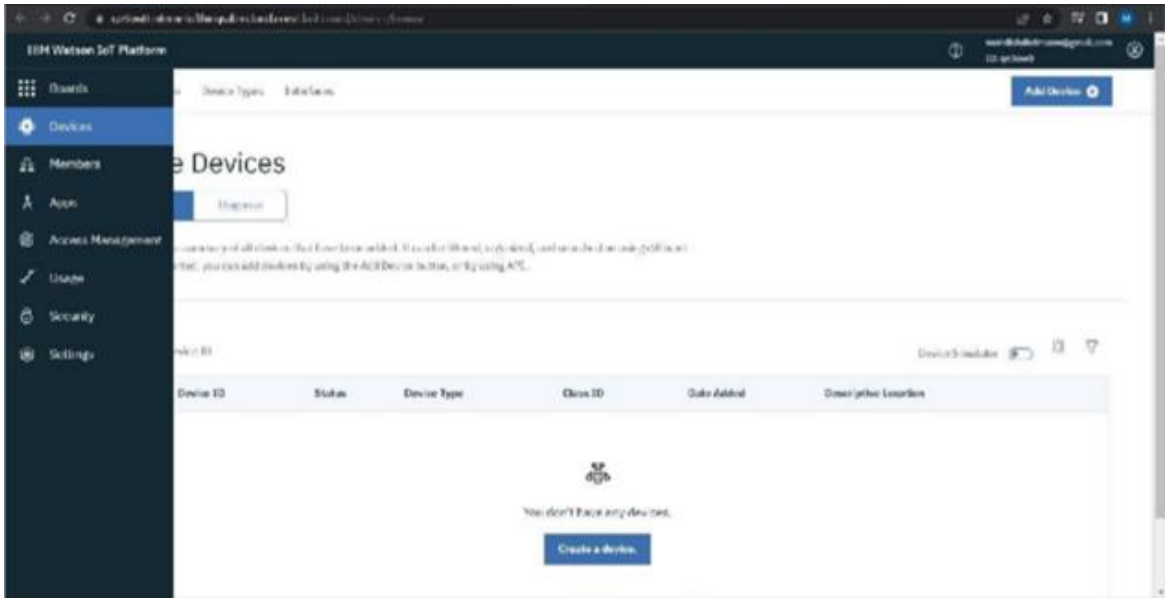


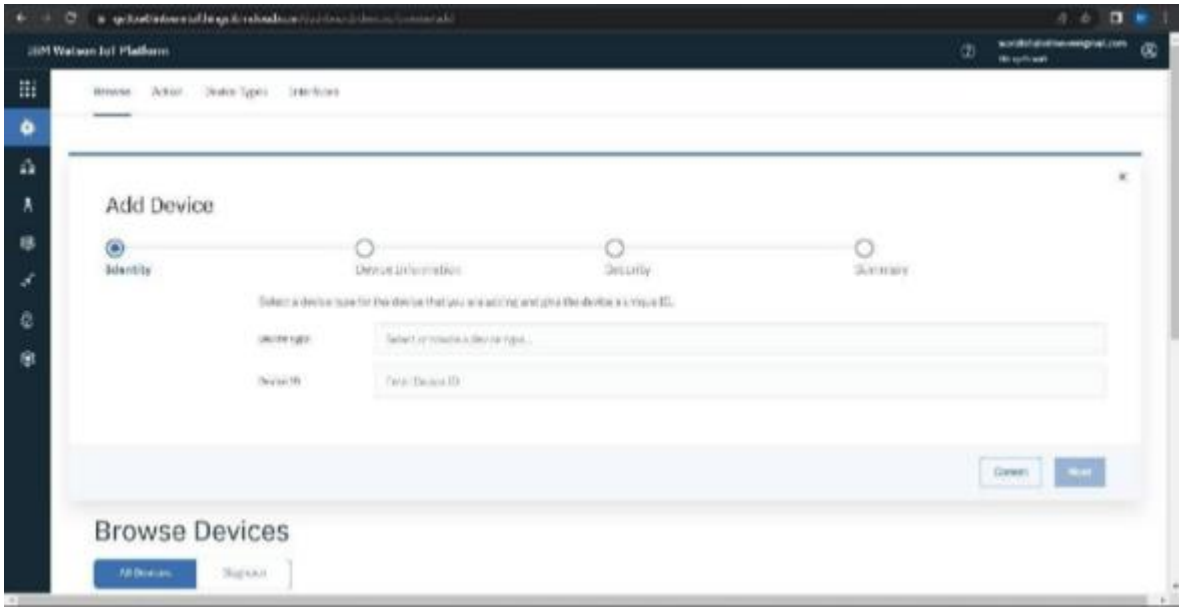
- **The member tab is add the teams members to work in the platform:**



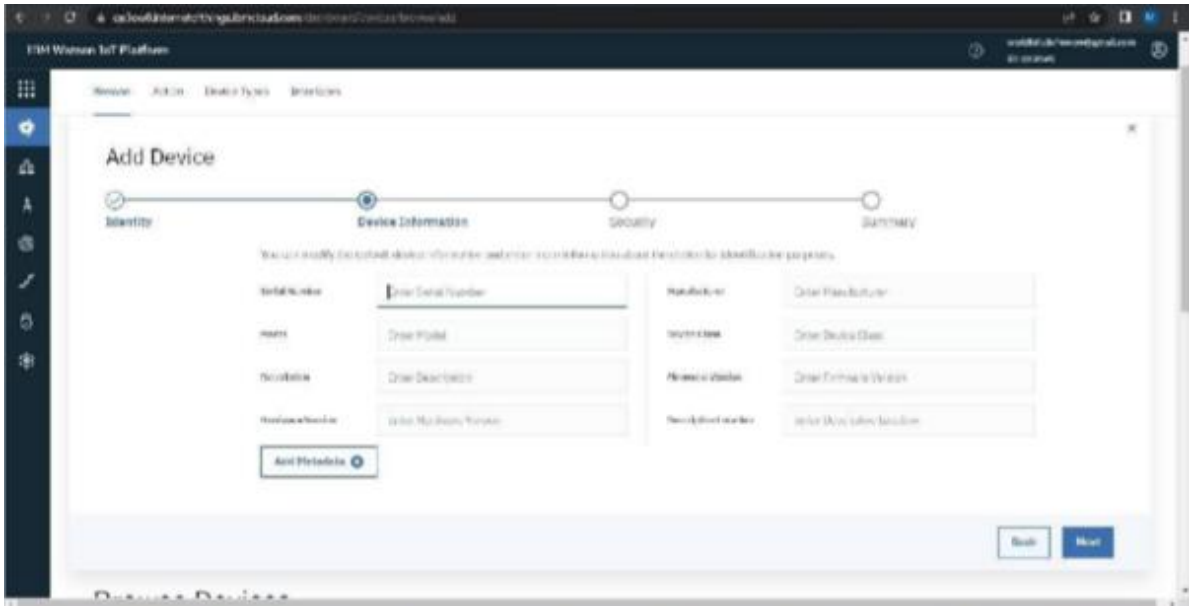
- **This tab is used when you want to connect to some other platform and tointegrate with other services:**

- **Click on the device tab and click on the add device button, then give thedevice type and device id and click next:**


IBM Watson IoT Platform
Boards
Devices
Members
Apps
Access Management
Usage
Security
Settings
Add Device
Devices
Device ID
Status
Device Type
Class ID
Date Added
Create a device.

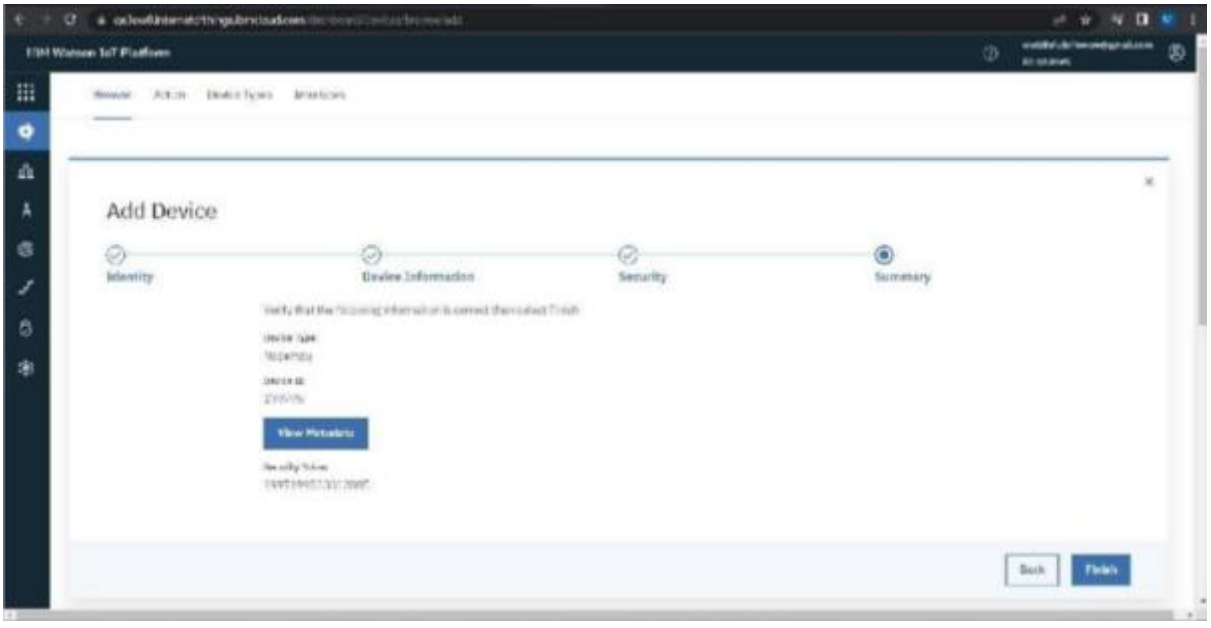


- **This page to enter extra details and of the hardware:**

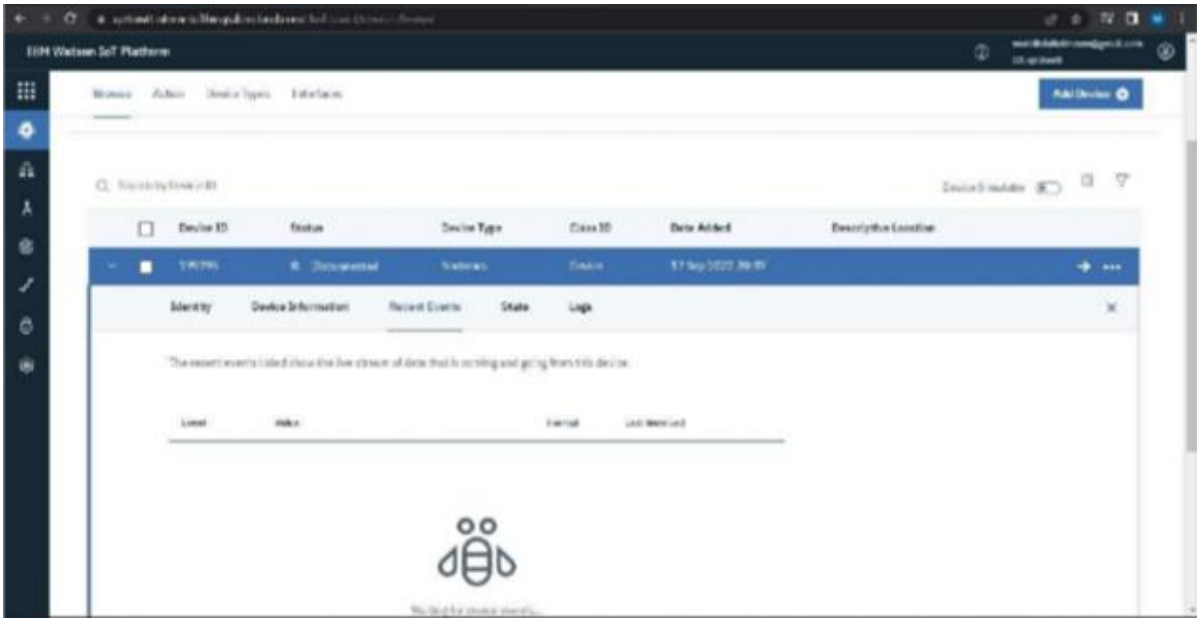
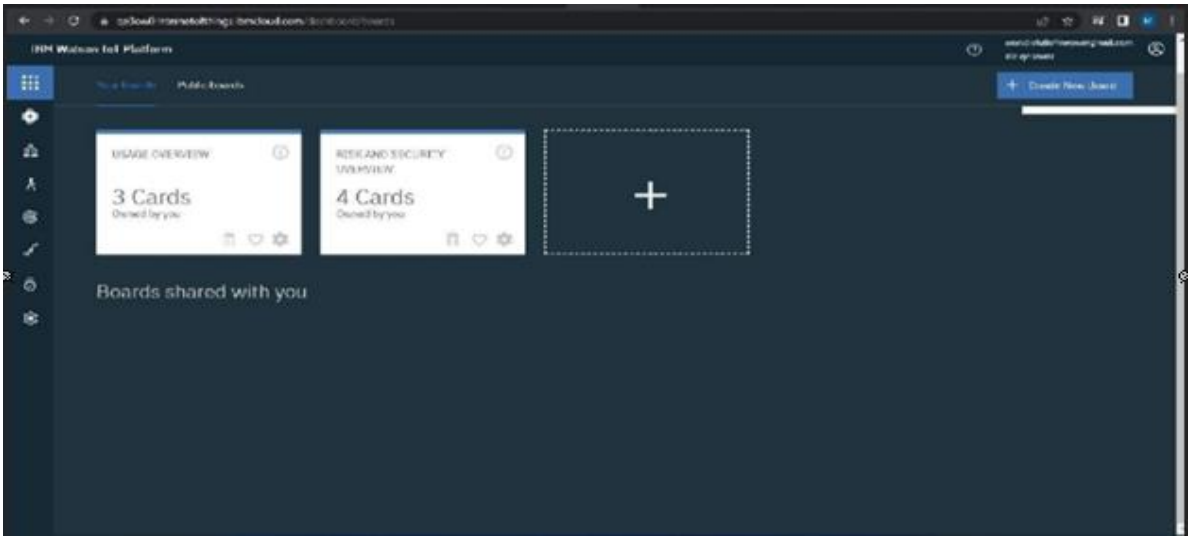
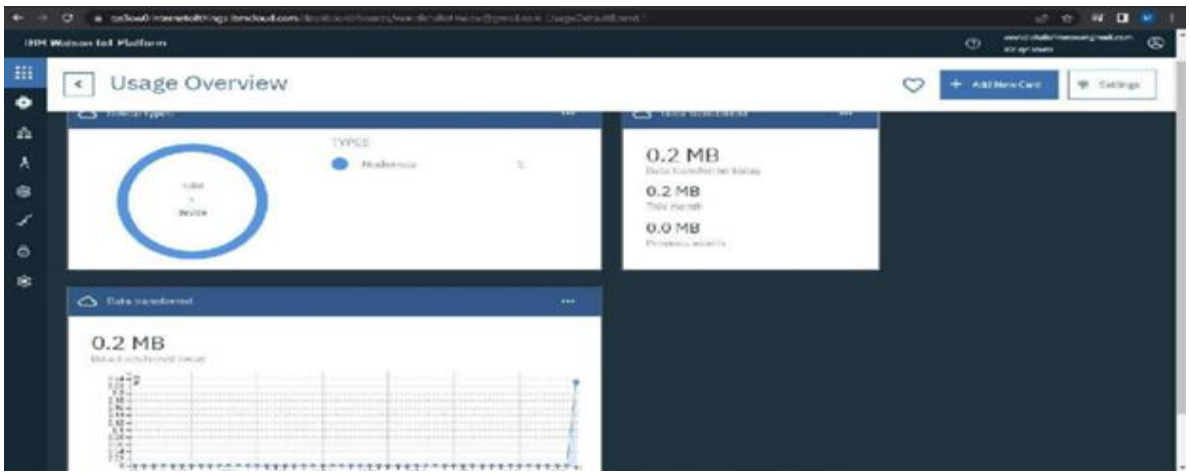


- **Clicking next it goes to the security where we do authentication token id:**

- **Clicking on next it goes to the summary of the device then click finish:**



- **Clicking on the device tab we can now see the added device. Clicking on itwill display the other details.It has different tabs like Identity, Device Information, State and login**:



- **The Boards will display card for the project:**