

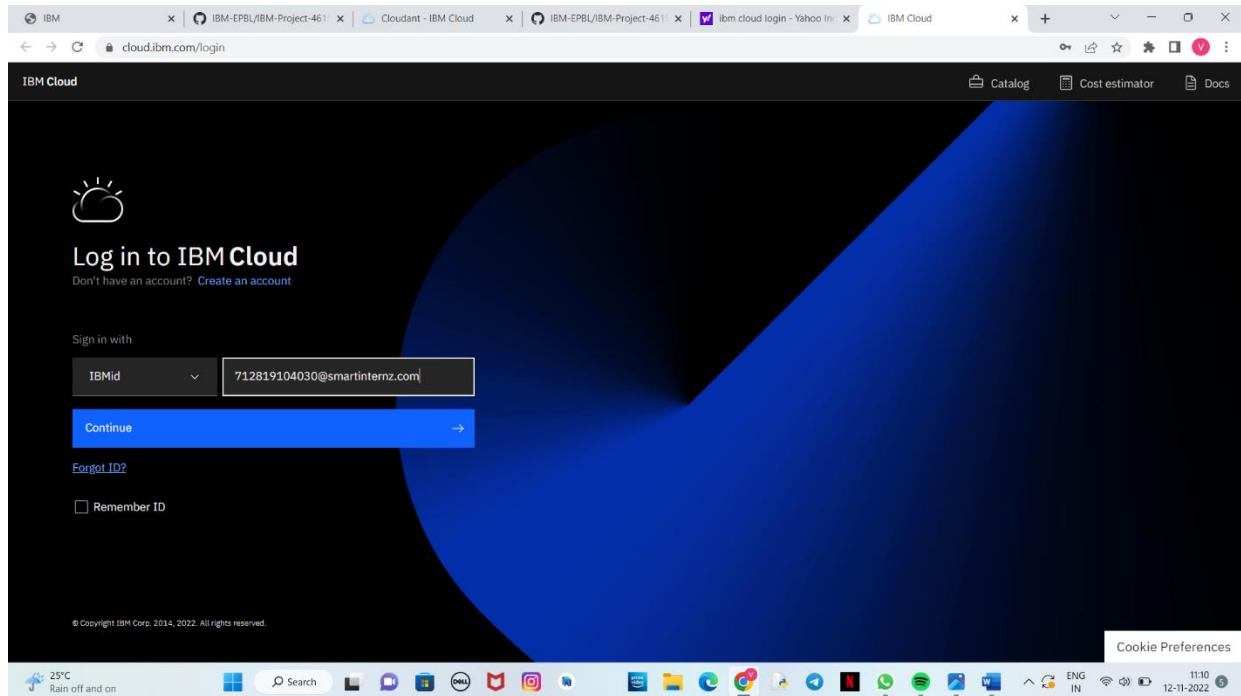
Create And Configure IBM Cloud Service

Create IBM Watson IoT Platform And Device

Date	24 October 2022
Team ID	PNT2022TMID42943
Project Name	IoT Based Safety Gadget for Child Safety Monitoring & Notification
Maximum Marks	4 Marks

STEPS

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

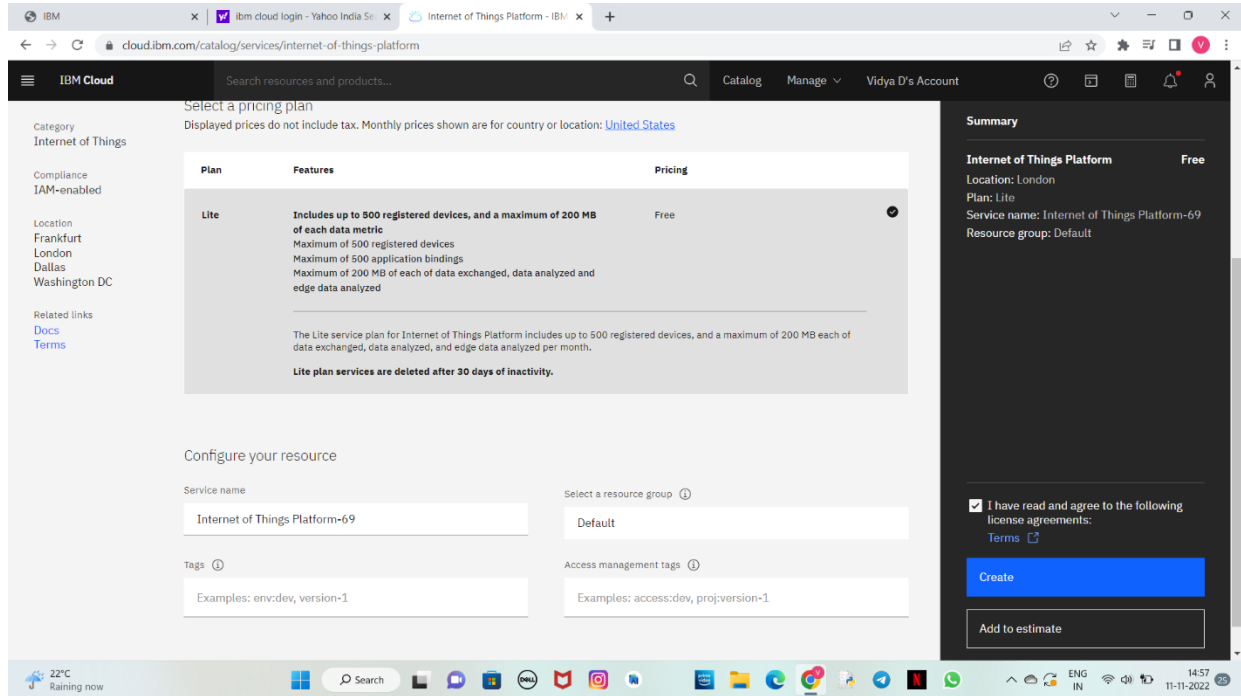


2. Click on the catalog on the top

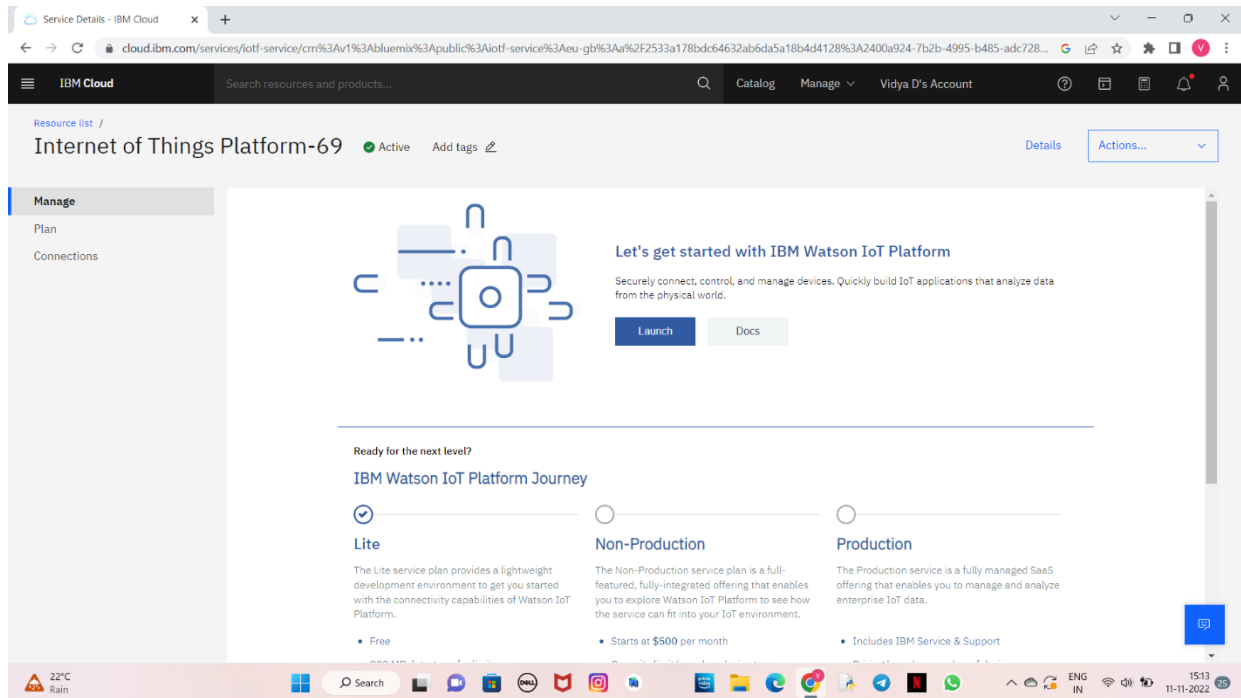
3. Click on IoT in the category mentioned

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

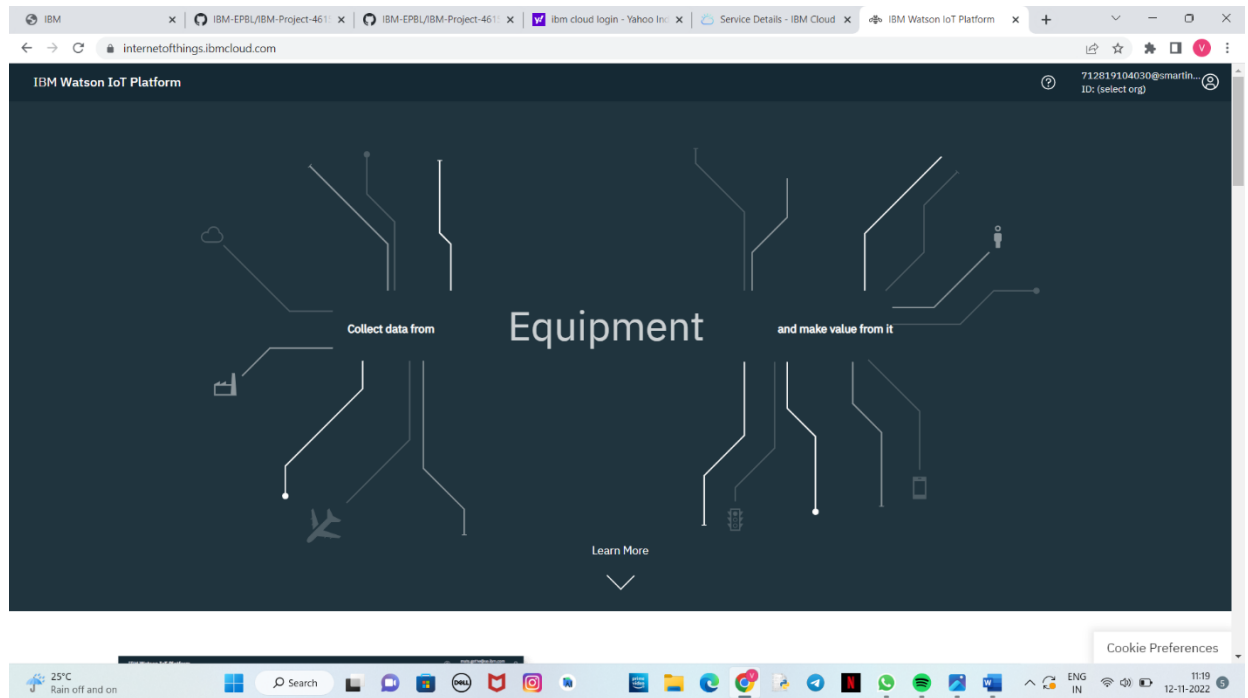
Enter the location and in the configure your resource type the service name and choose the plan, tick the agree with it agreements and then click on create



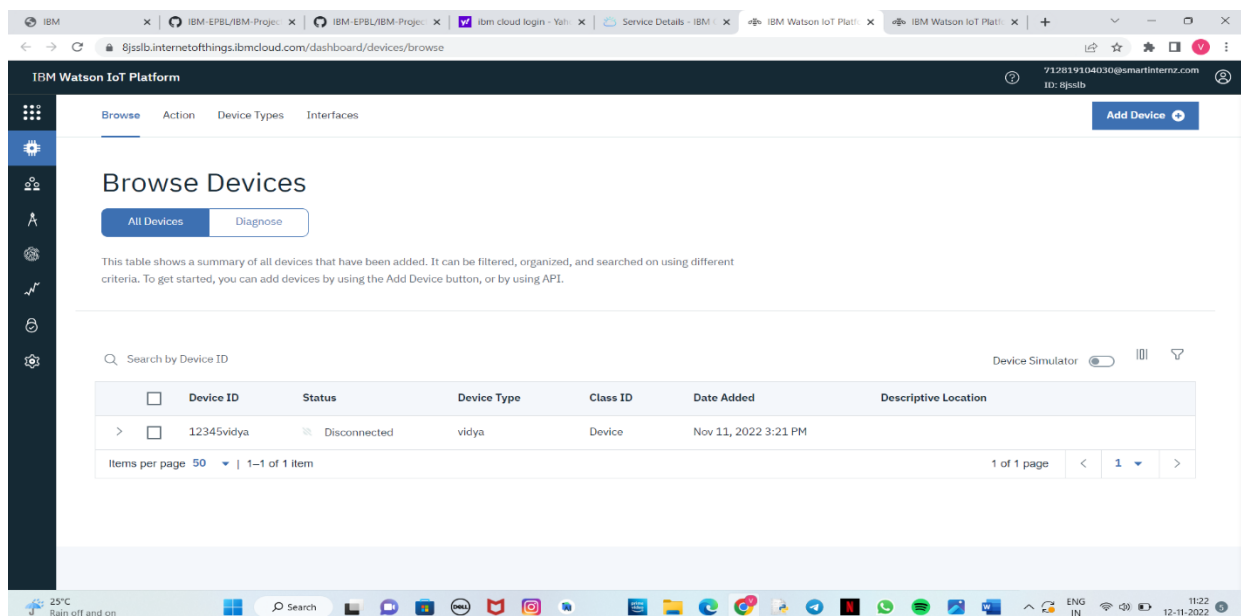
7.Internet of Things Platform Child_safety will be created, where there are different options like manage, plan, and connection (manage is for launch, Plan gives us the idea about the payment package and its upgrades, and lastly the connection is for to connect IoT with other servies)



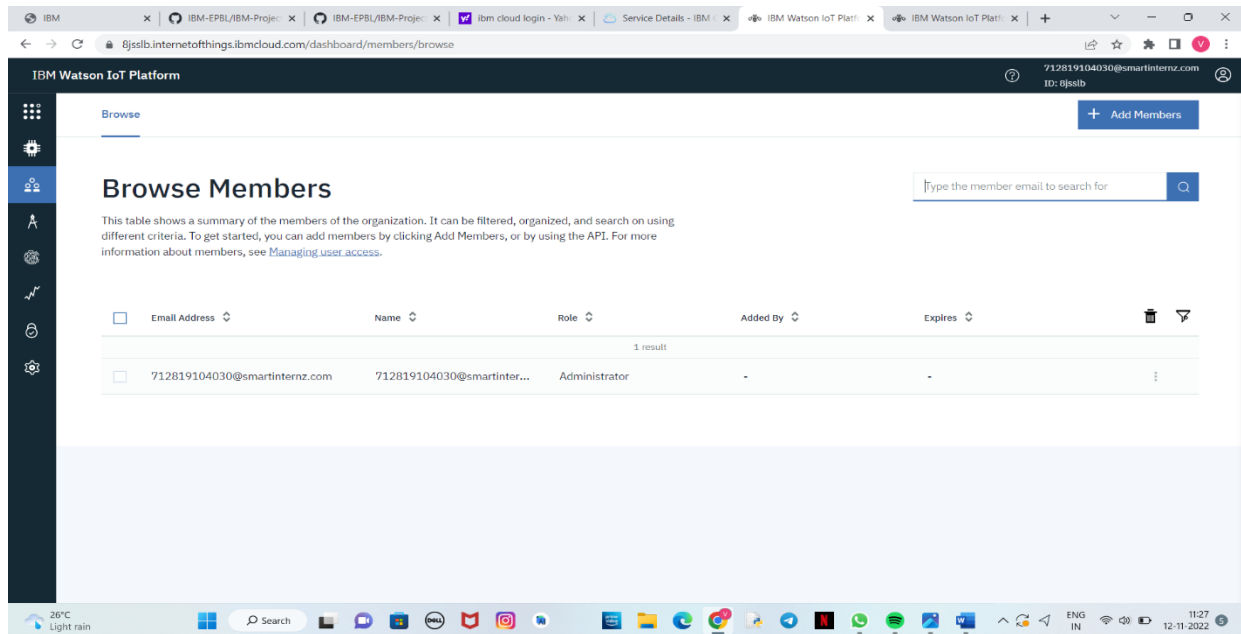
8. Clicking on the launch button in the manage tab, it will open to this. Enter the details to sign in to the Watson Cloud to create a device. Enter the details to sign in to the Watson Cloud to create a device



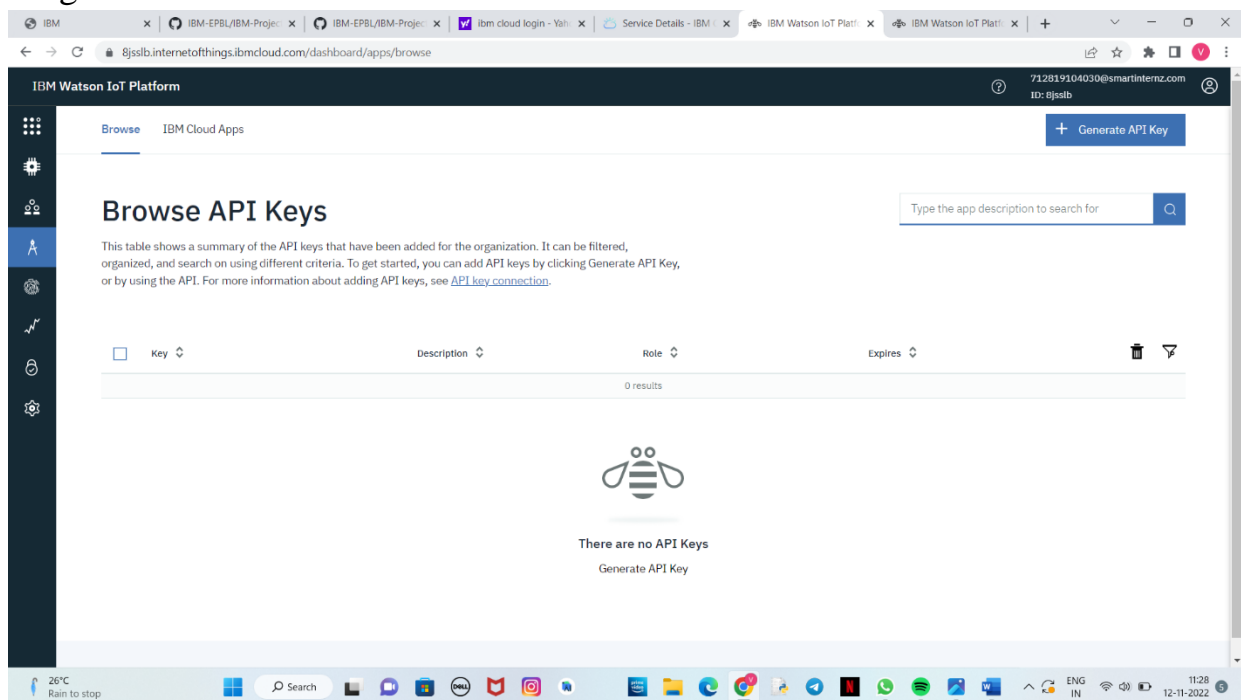
11. And again clicking on the launch button will open this tab, the device will help in the creation of the devices, the addition of devices, and the display of details of the devices



12. The member tab is add the teams members to work in the platform



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



15. 14. Click on the device tab and click on the add device button, then give the device type and device id and click next. 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. The device credentials will be displayed with all the details.

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

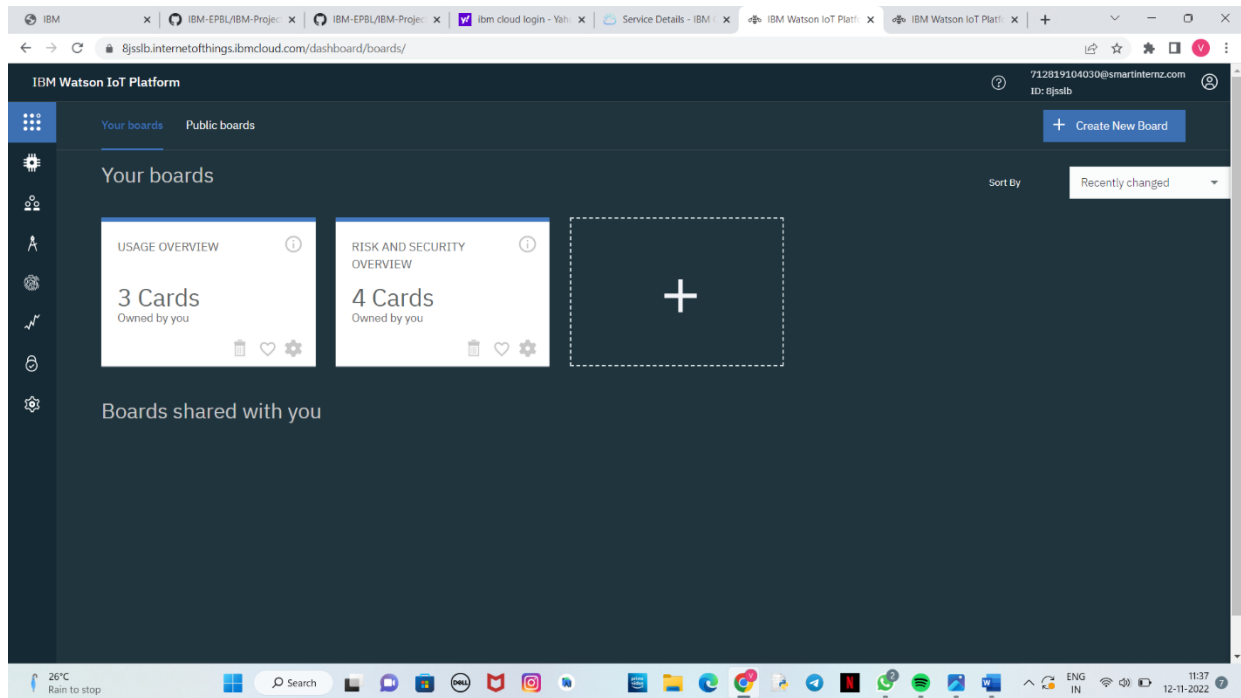
It has different tabs like Identity, Device Information, State and login.

The screenshot displays the IBM Watson IoT Platform interface. The main heading is 'Browse Devices'. Below it, there are two tabs: 'All Devices' (selected) and 'Diagnose'. A descriptive text states: 'This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different criteria. To get started, you can add devices by using the Add Device button, or by using API.' Below this is a search bar labeled 'Search by Device ID'. To the right of the search bar is a 'Device Simulator' toggle switch. The table below has the following columns: Device ID, Status, Device Type, Class ID, Date Added, and Descriptive Location. The table contains one row with the following data: Device ID: 12345vidya, Status: Disconnected, Device Type: vidya, Class ID: Device, Date Added: Nov 11, 2022 3:21 PM. At the bottom of the table, it says 'Items per page 50 | 1-1 of 1 item' and '1 of 1 page'.

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
12345vidya	Disconnected	vidya	Device	Nov 11, 2022 3:21 PM	

In a similar way, we can create n number of devices with a 50 per page limit as per the requirement of our project.

17. The Boards will display card for the project.



RESULT:

An IBM Watson cloud for IoT and a device is created