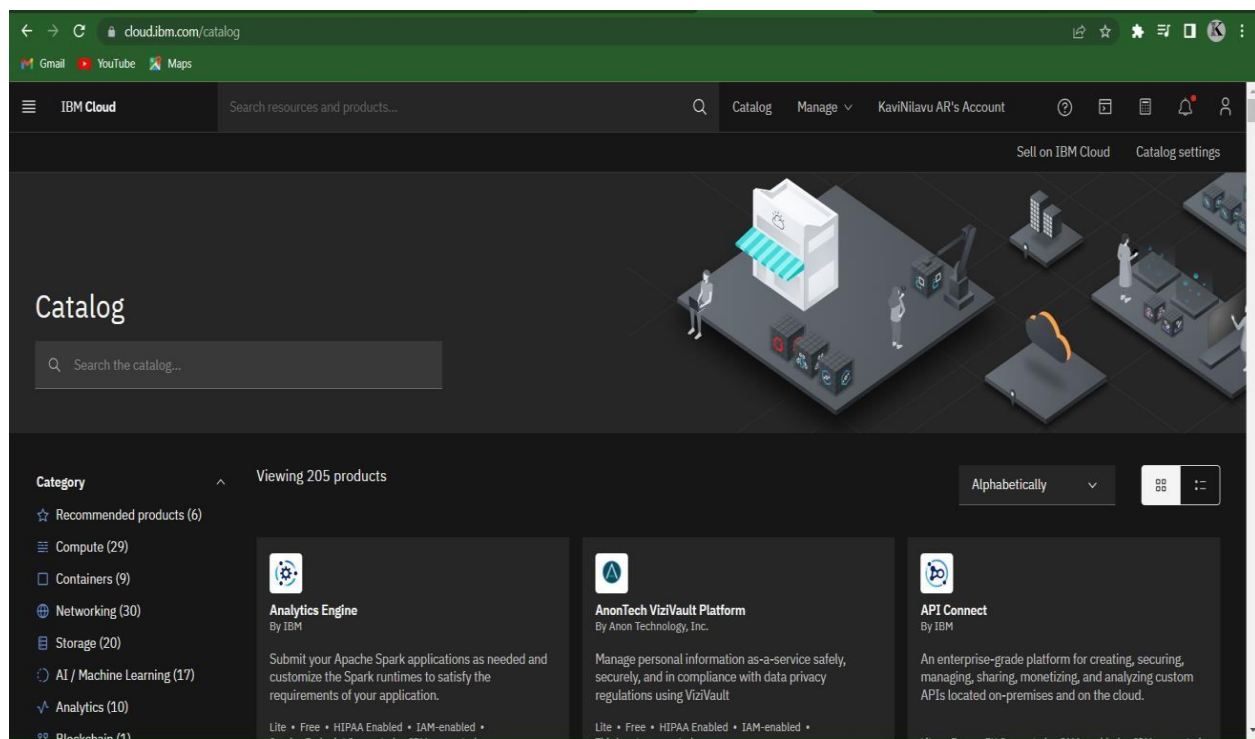**TEAM ID**: PNT2022TMID21627

PROJECT NAME: Smart Waste Management System For Metropolitan Cities
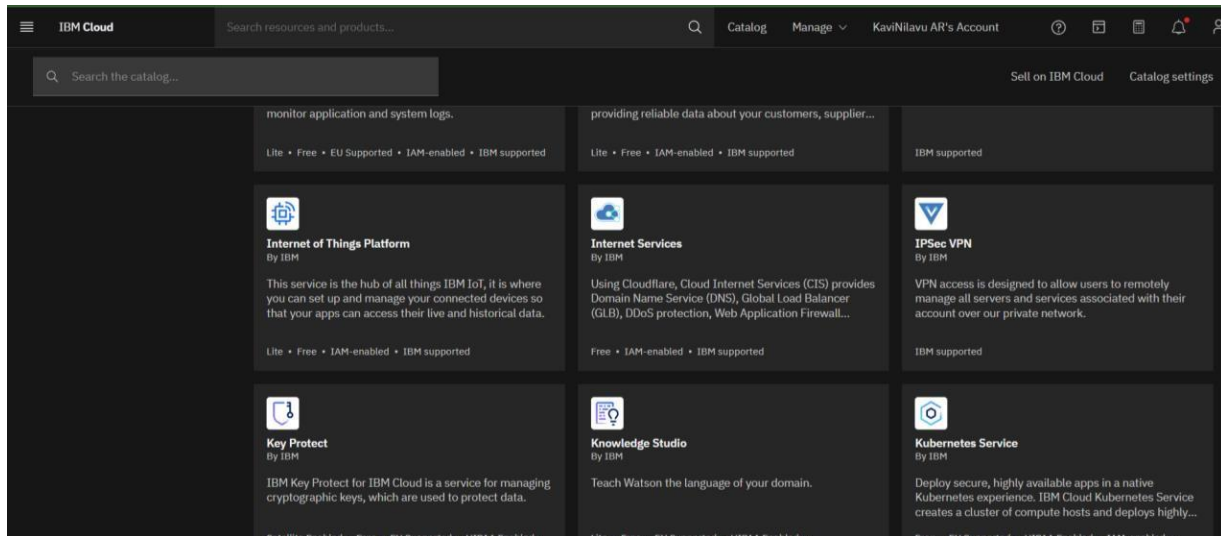
<u>AIM</u>: To create the IBM Watson IOT platform and device
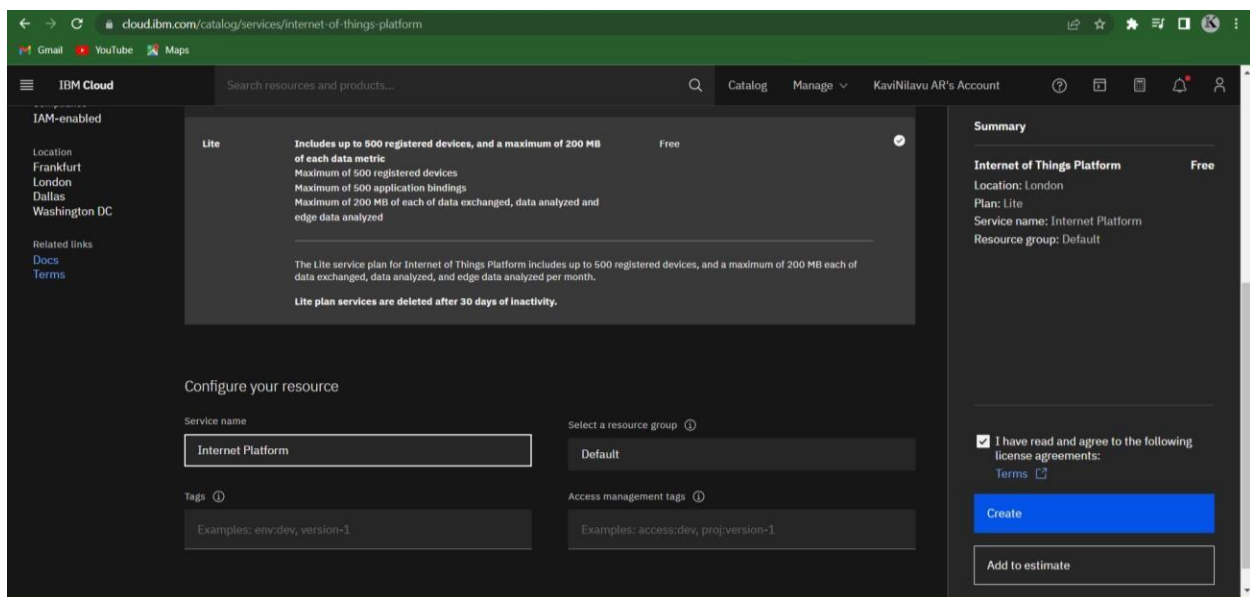
<u>STEPS</u>:

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

2. Home page of IBM cloud.
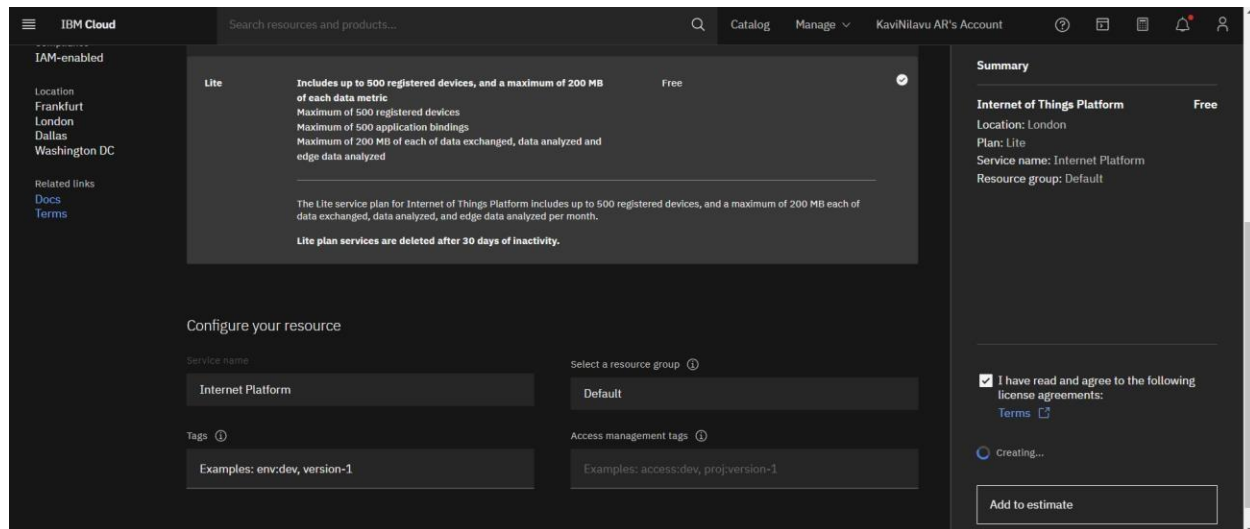
3. Click on the catalog on the top.
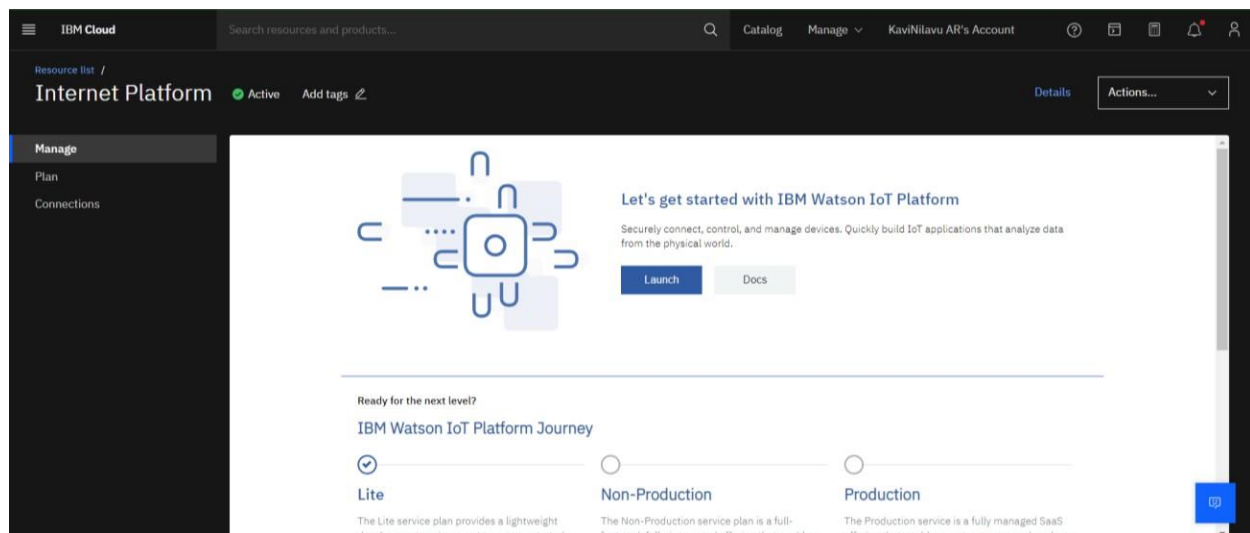

4. Click on IOT in the category mentioned

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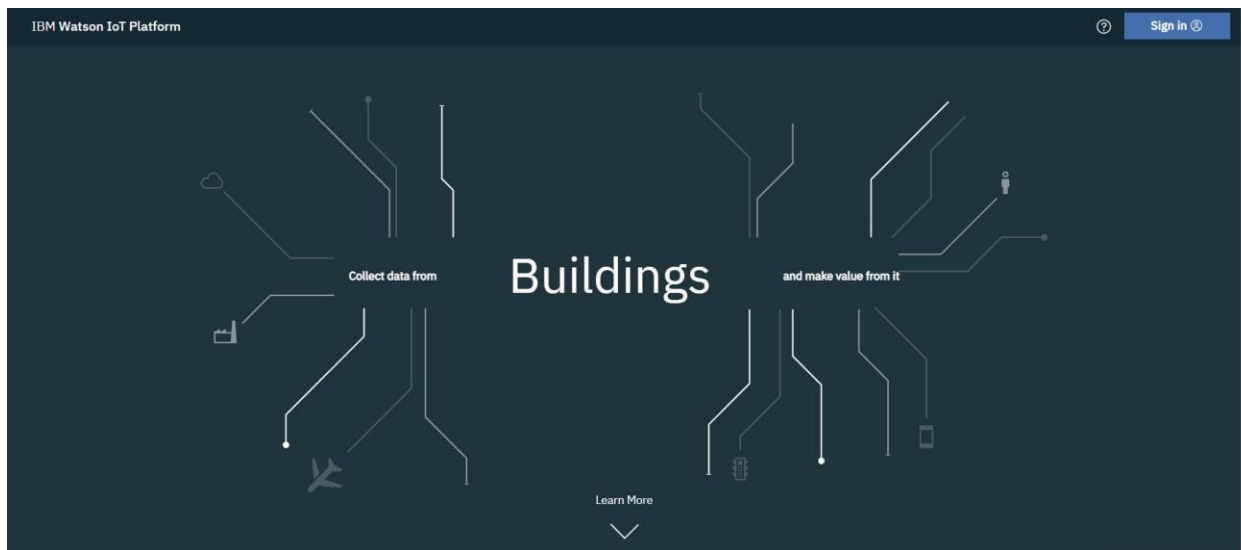

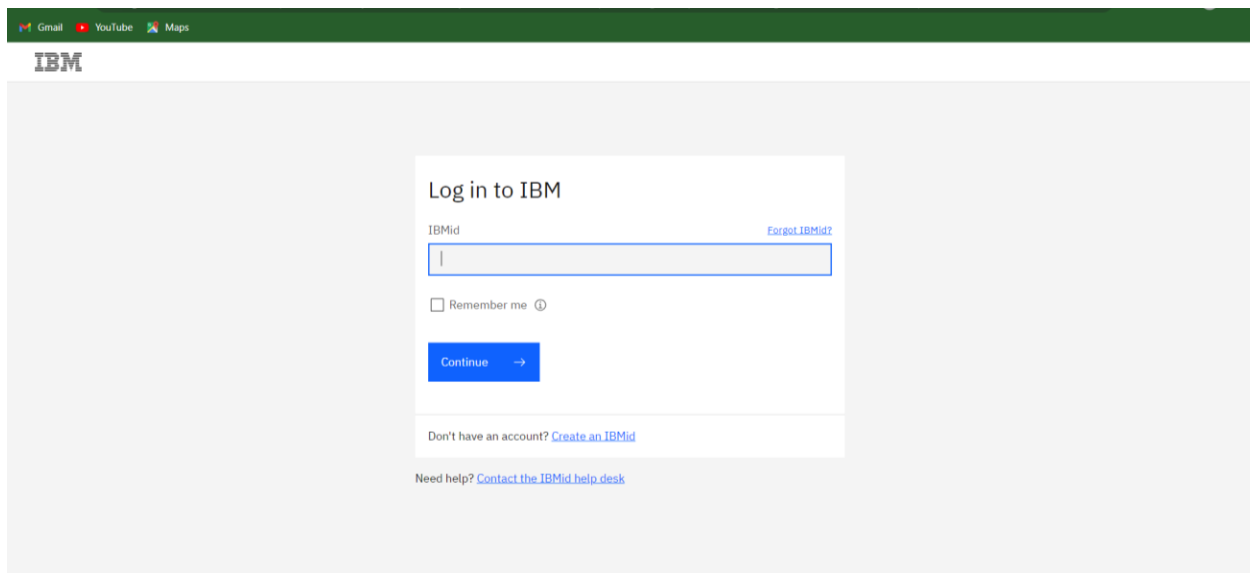6. After providing the service name. Click on "CREATE".

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 services)
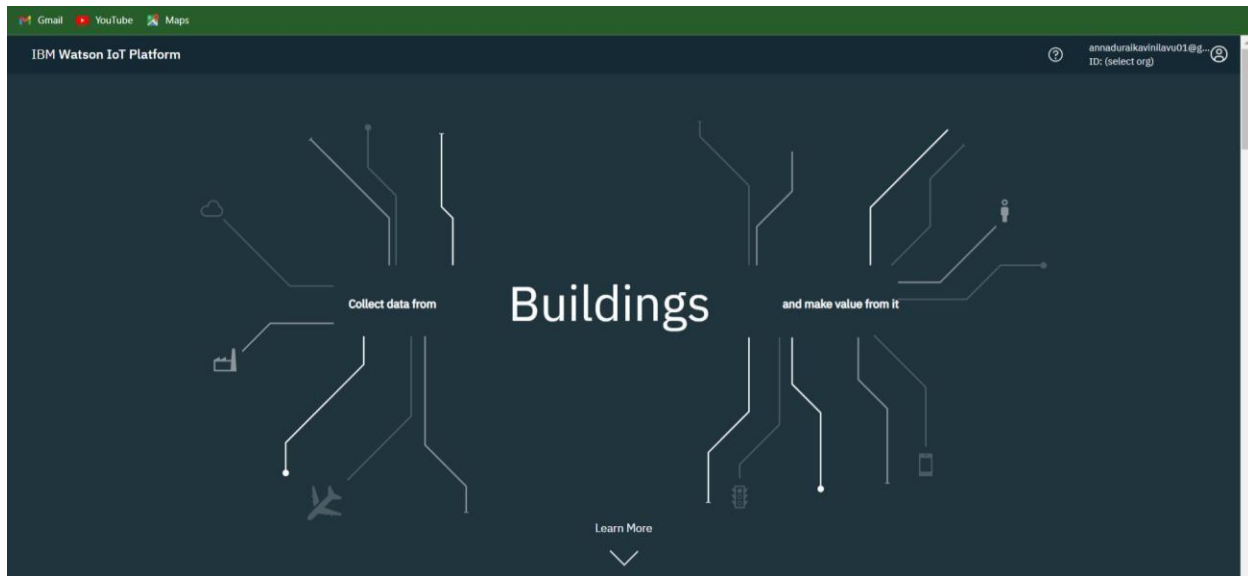

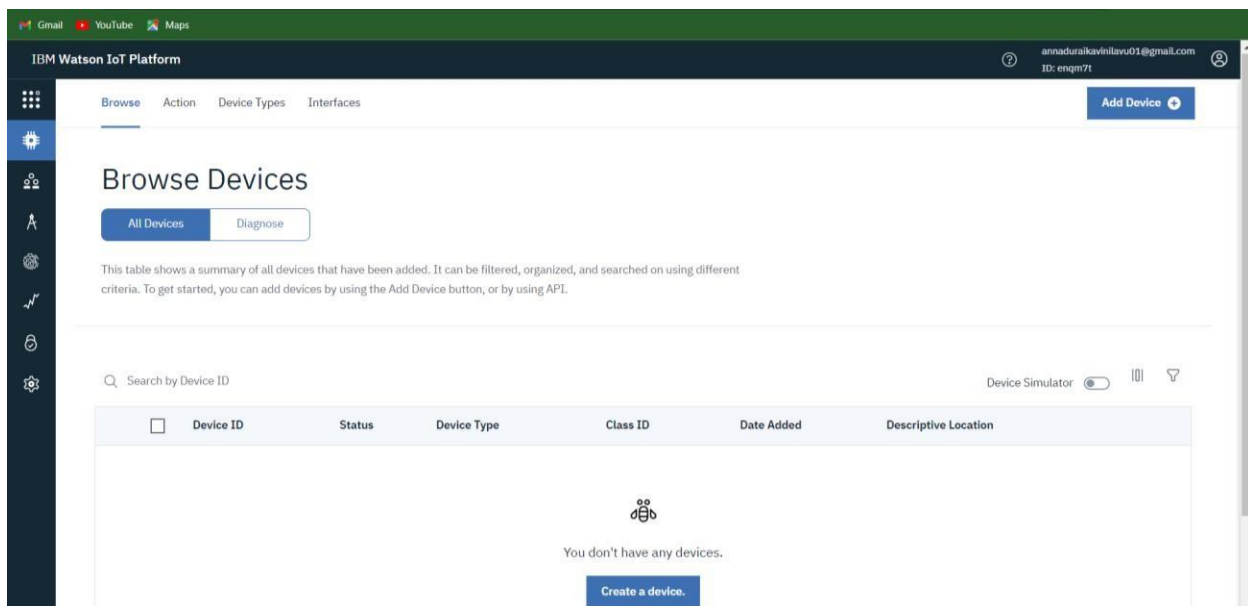8. Clicking on the launch button in the manage tab, it will open to this

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

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

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. Go to devices in the general settings.

13. Click on create a device.

14. In a device type, provide a device that we going to do.

15. In a device, device information, security and summary all are optional.

16. Device credential are one time created. So password should be saved.

IBM Watson IoT Platform

← Back

Device Drilldown - 123456

Device Credentials
Connection Information
Recent Events
State
Device Information
Metadata
Diagnostics
Connection Logs
Device Actions

Device Credentials

You registered your device to the organization. Add these credentials to the device to connect it to the platform. After the device is connected, you can navigate to view connection and event details.

Organization ID	enqm7t
Device Type	NodeRed
Device ID	123456
Authentication Method	use-token-auth
Authentication Token	M@+OS9Rv6f@PzdEcTJ

⚠ Authentication tokens are non-recoverable. If you misplace this token, you will need to re-register the device to generate a new authentication token.

Find out how to add these credentials to your device ↗

IBM Watson IoT Platform

Browse   Action   Device Types   Interfaces

Add Device ⊕

🔍 Search by Device ID

Device Simulator

	Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
☐	123456	Disconnected	NodeRed	Device	Nov 4, 2022 8:21 PM	

Identity   Device Information   Recent Events   State   Logs   ✕

Device ID	123456
Device Type	NodeRed
Date Added	Nov 4, 2022 8:21 PM
Added By	annaduraikavinilavu01@gmail.com
Connection Status	Disconnected

Items per page 50 ▾ | 1–1 of 1 item

1 of 1 page   ‹ 1 ▾ ›