

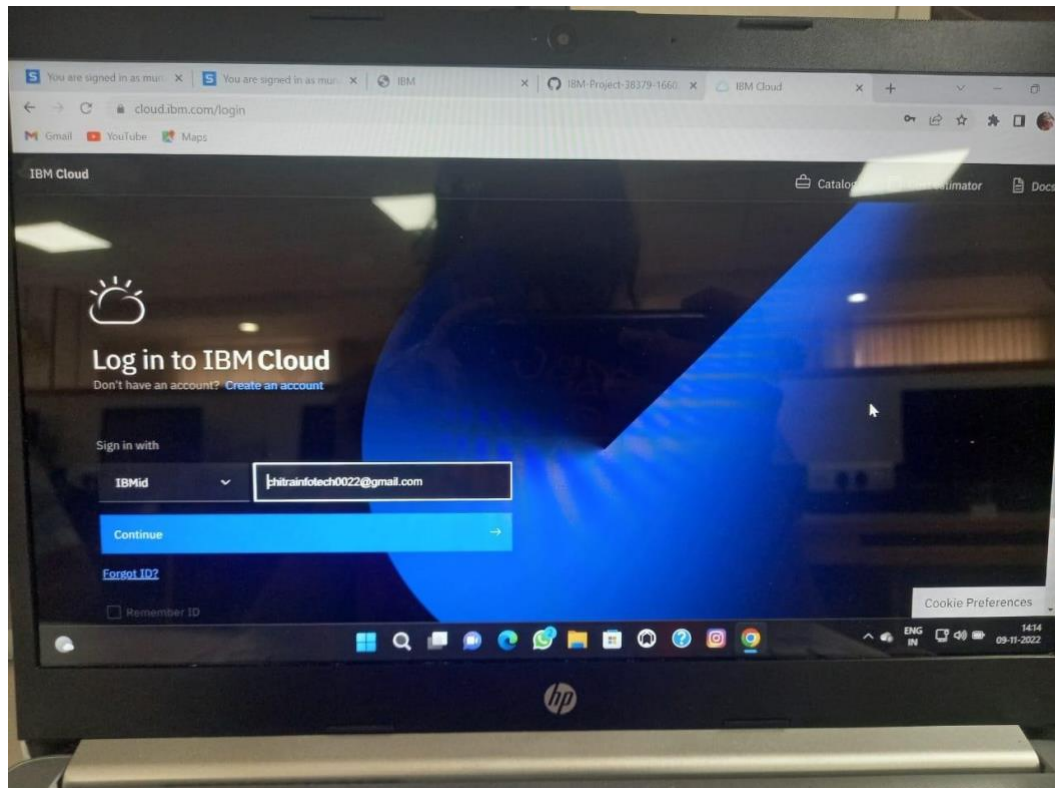
Create And Configure IBM Cloud Service

Create IBM Watson IoT Platform And Device

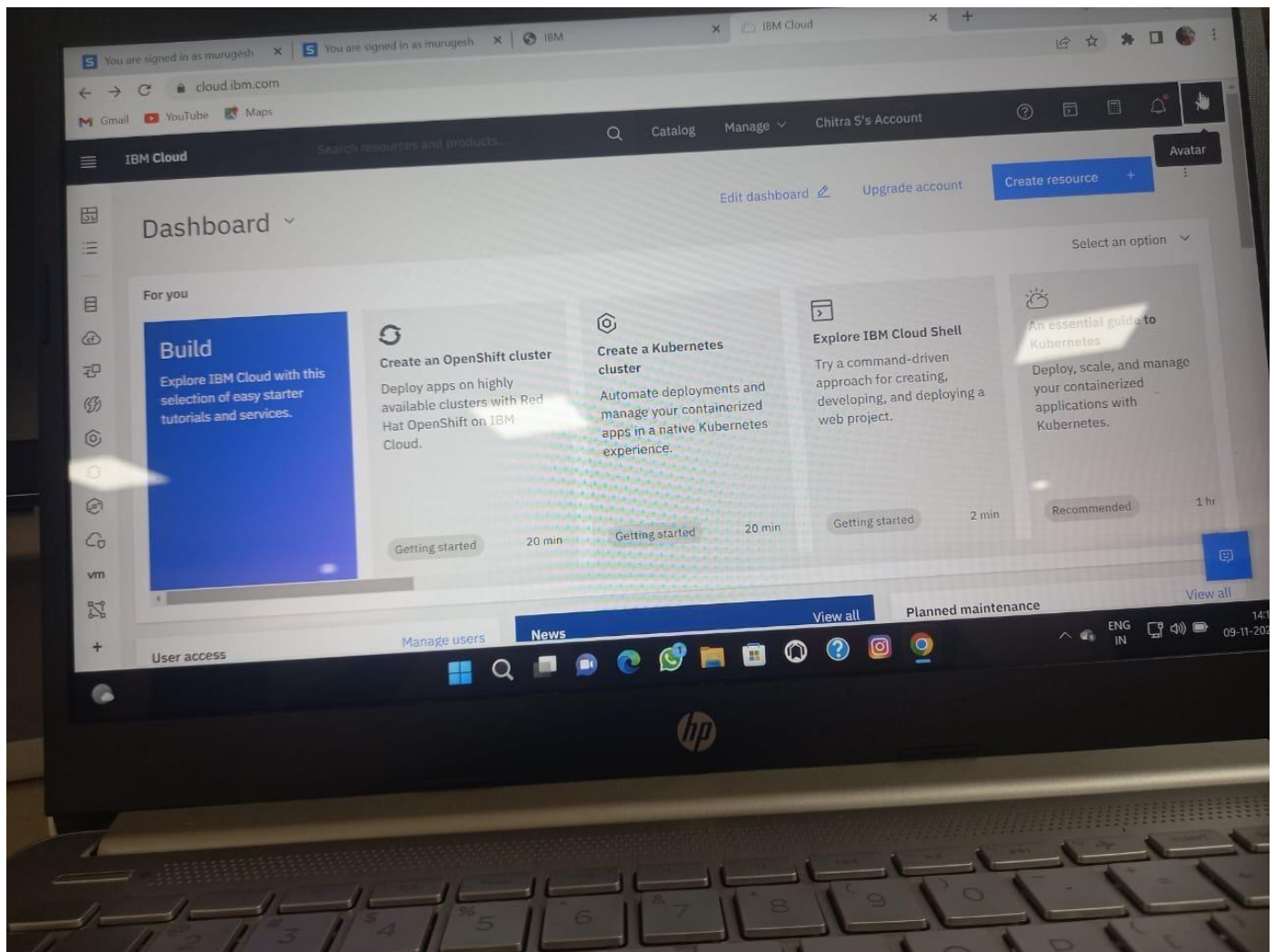
Team ID	PNT2022TMID38195
Project Name	IoT Based Safety Gadget For Child Safety Monitoring & Notification
Maximum Marks	4 Marks

STEPS

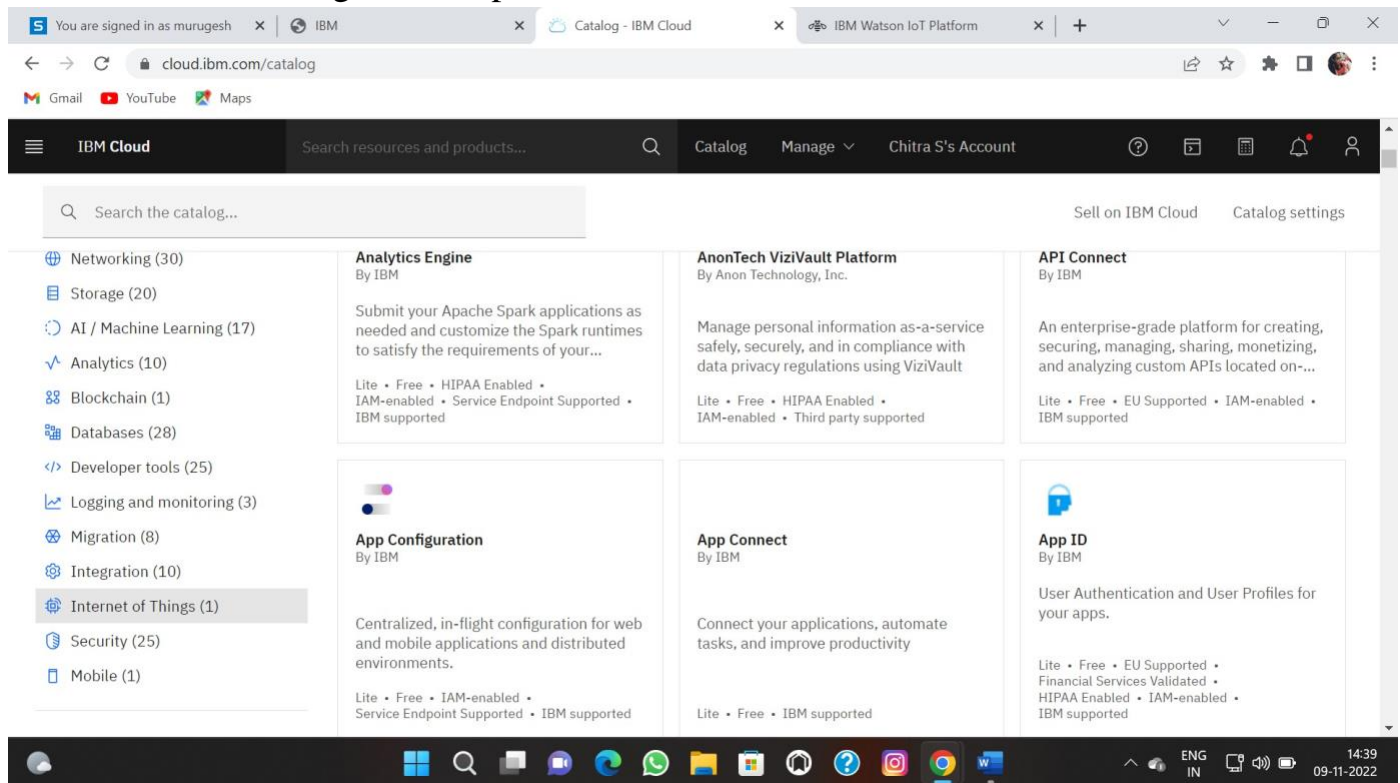
1. Firstly create an IBM cloud account with IB Mid and password



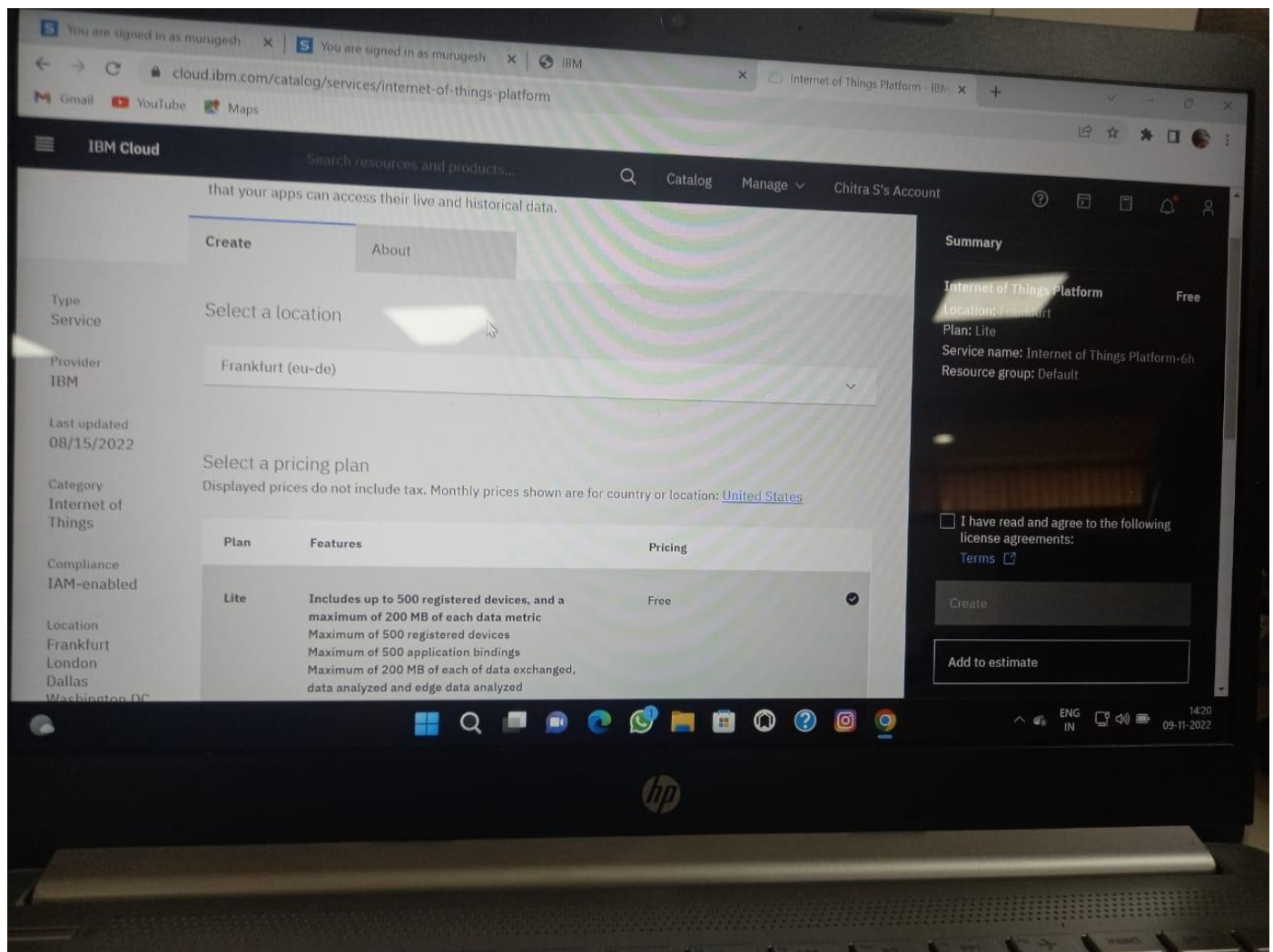
2. Home page of IBM cloud



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

IBM-Project-38379-1660379261/ xDownload file | iLovePDF xInternet of Things Platform - IBM x


cloud.ibm.com/catalog/services/internet-of-things-platform

Gmail YouTube Maps

IBM Cloud

Search resources and products...

CatalogManageChitra S's Account



Catalog /

Internet of Things Platform

This service is the hub of all things IBM IoT, it is where you can set up and manage your connected devices so that your apps can access their live and historical data.

CreateAbout

Type
Service

Provider
IBM

Last updated
08/15/2022

Category
Internet of Things

Select a location

Frankfurt (eu-de)

Select a pricing plan

Displayed prices do not include tax. Monthly prices shown are for country or location: [United States](#)

PlanFeaturesPricing

Summary

Internet of Things PlatformFree

Location: Frankfurt

Plan: Lite

Service name: Internet of Things Platform-dg

Resource group: Default

Existing Lite plan instance

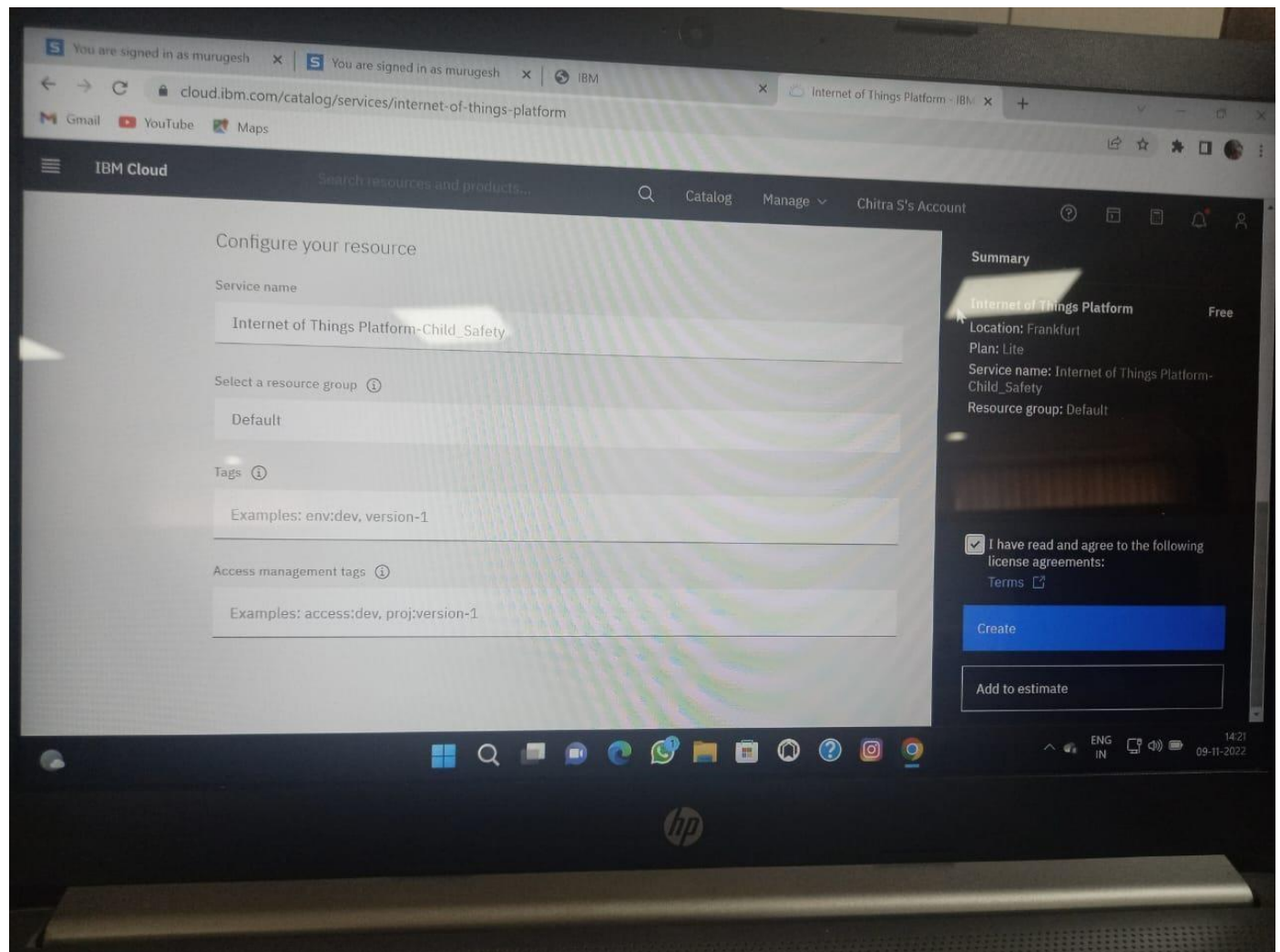
You can have only 1 Lite plan instance of this service per resource group. [Delete](#) your current Lite plan instance in Default resource group to create a new one, or [view the existing instance](#).

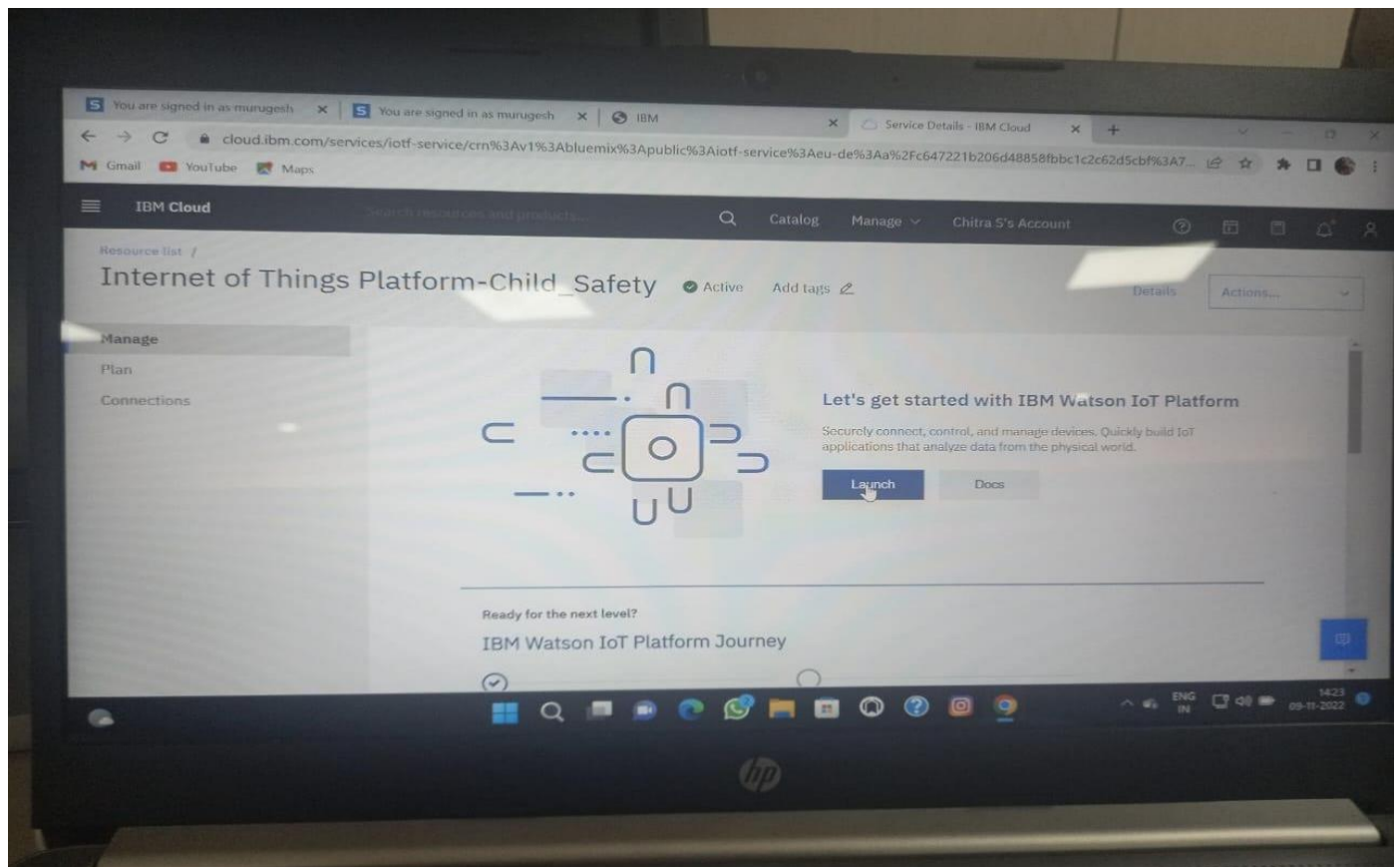
Show all

Create IBM Wats....docxCreate IBM Watso....pdf

14:43 09-11-2022

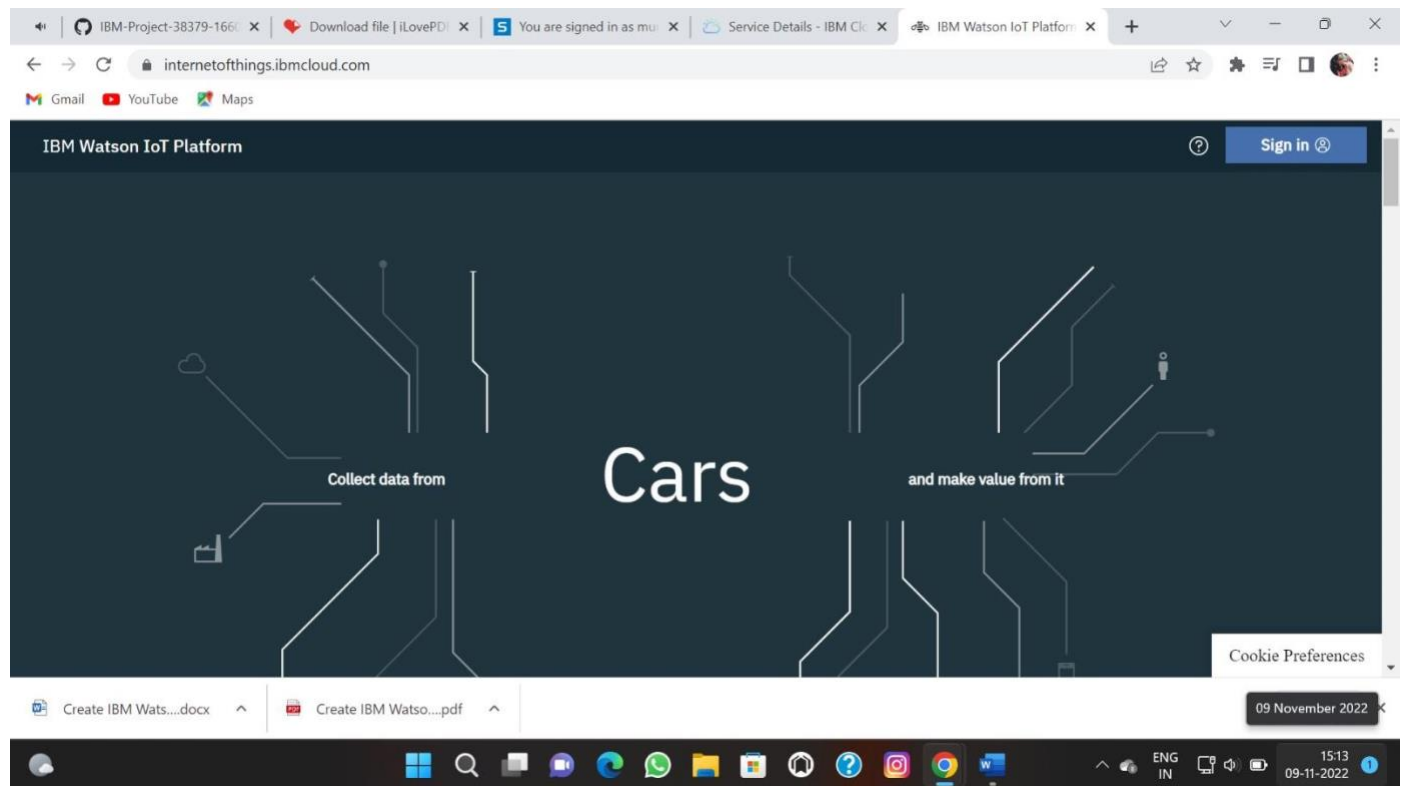
6. Enter the location and in the configure your resource type the service name and choose the plan, tick the agree with it agreements and then click on create



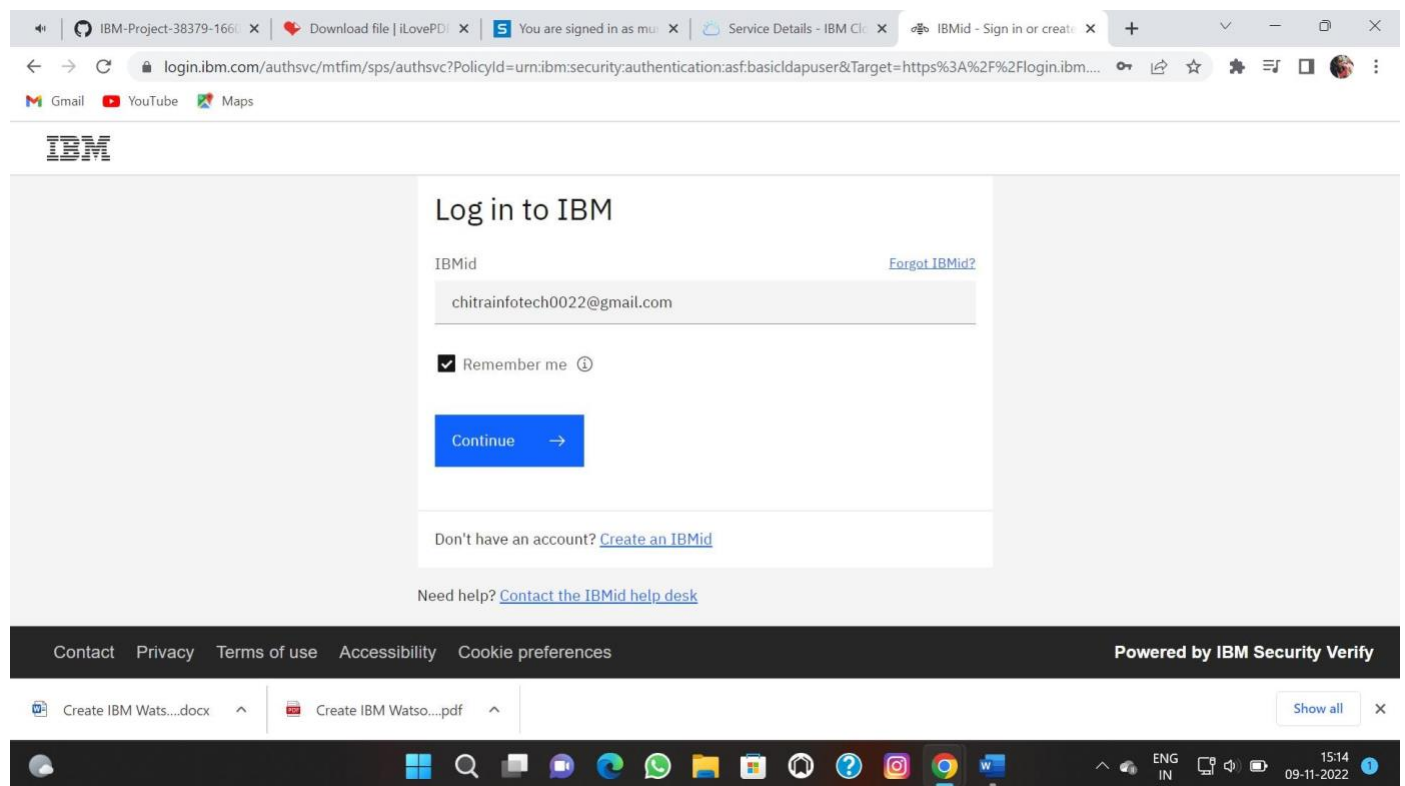


7. Internet of Things Platform Child_safety will be created, where there are different options like manage, plan, and connection (manage is for launch, Plan gives us the idea about the payment package and its upgrades, and lastly the connection is for to connect IoT with other services)

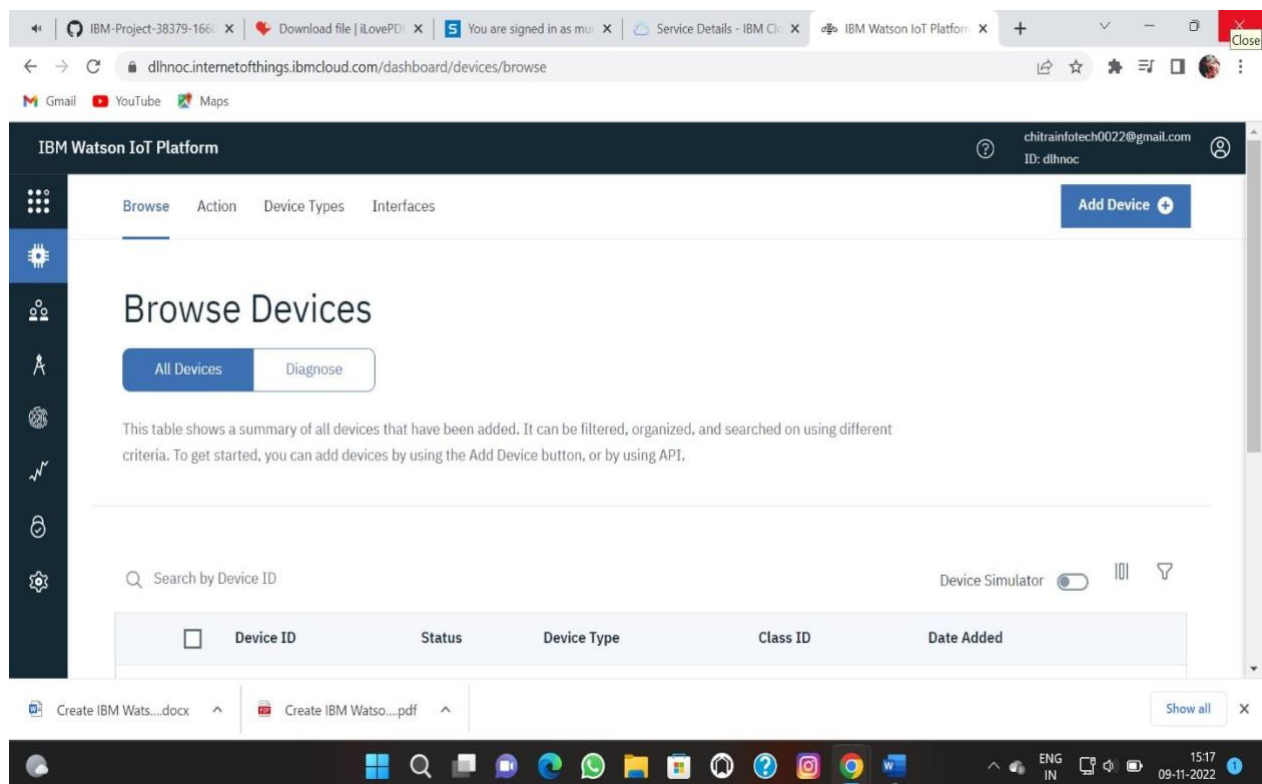
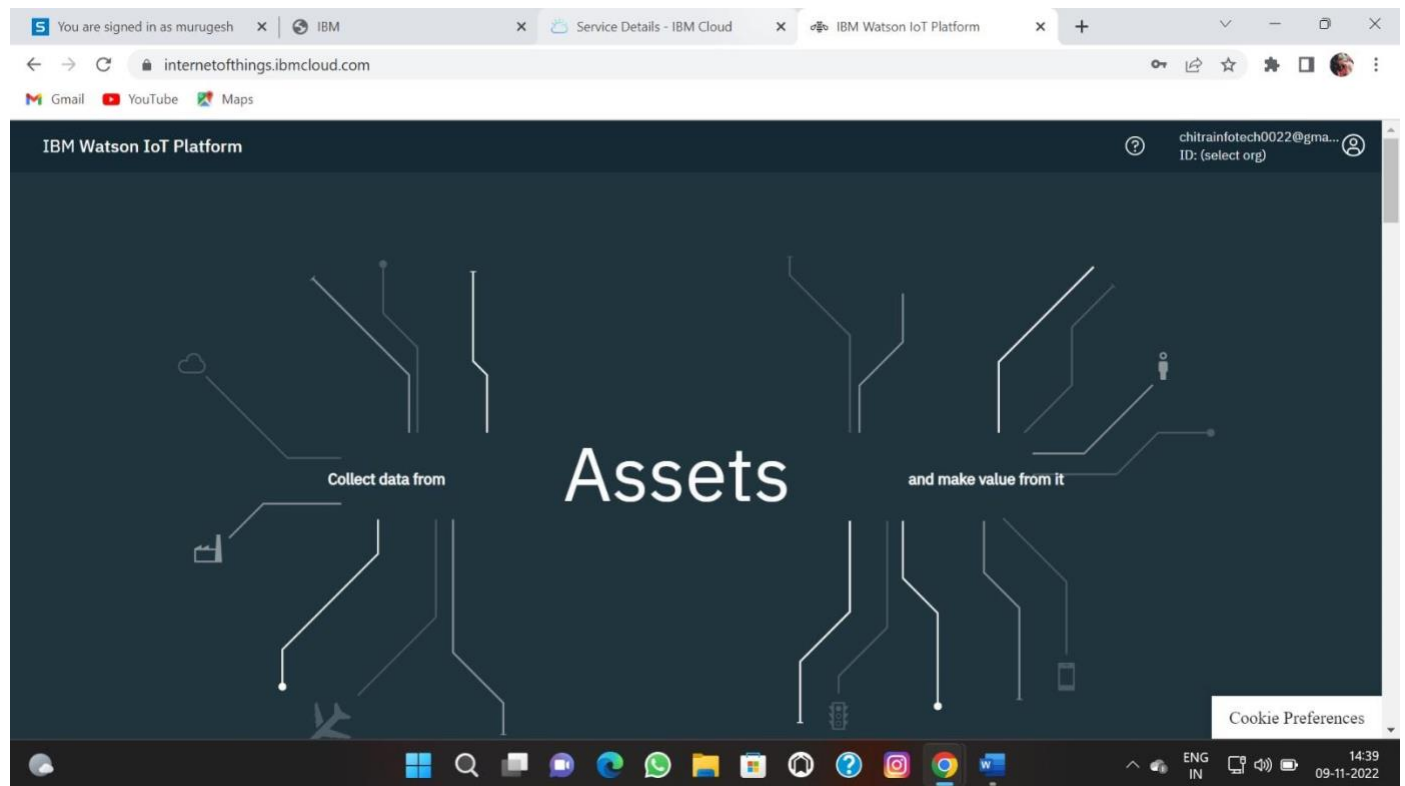
8. Clicking on the launch button in the manage tab, it will open to this



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



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

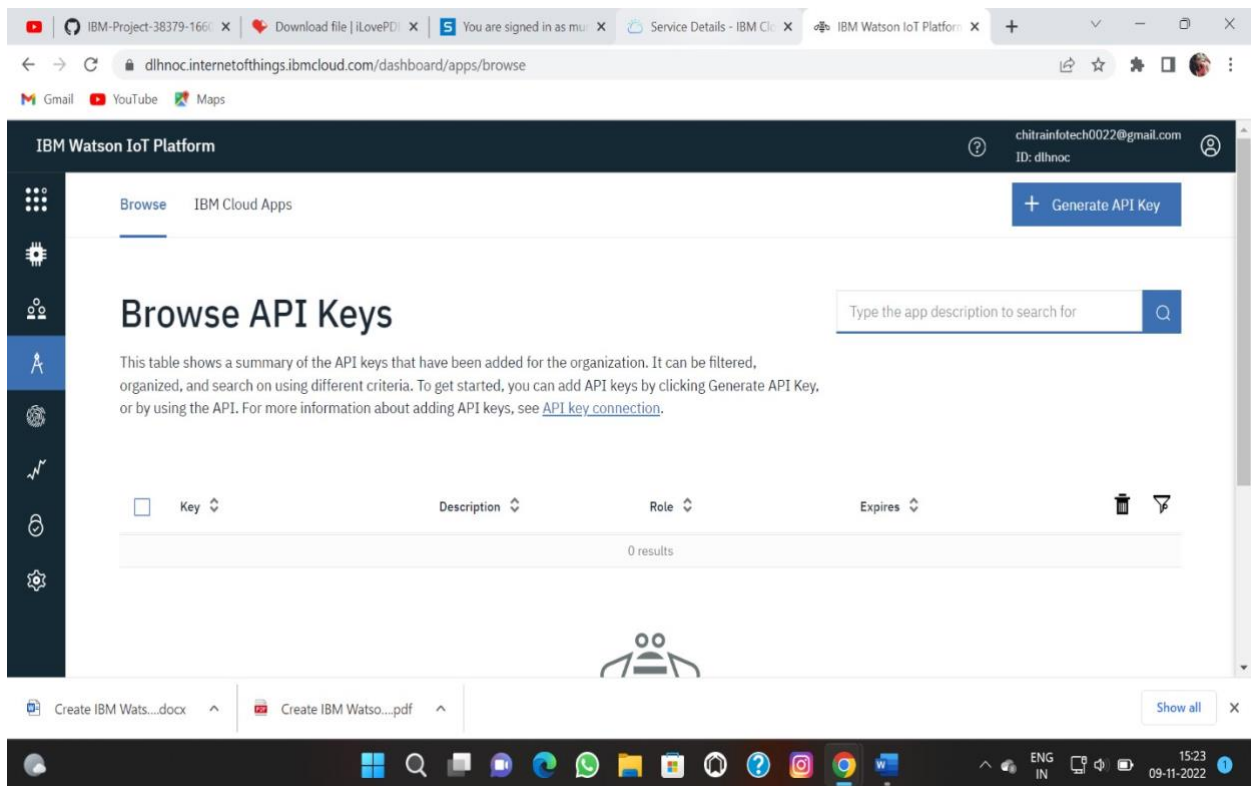


9. And again clicking on the launch button will open this tab, the device will help in the creation of the devices, the addition of devices, and the display of details of the devices

The top screenshot displays the 'Add Device' wizard in the IBM Watson IoT Platform. The wizard consists of four steps: Identity, Device Information, Security, and Summary. The 'Identity' step is currently active, showing a form to select a device type and enter a unique device ID. The bottom screenshot shows the 'Browse Members' page, which lists the members of the organization. The table below shows one member.

Email Address	Name	Role	Added By	Expires
chitrainfotech0022@gmail.c...	chitrainfotech0022...	Administrator	-	-

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

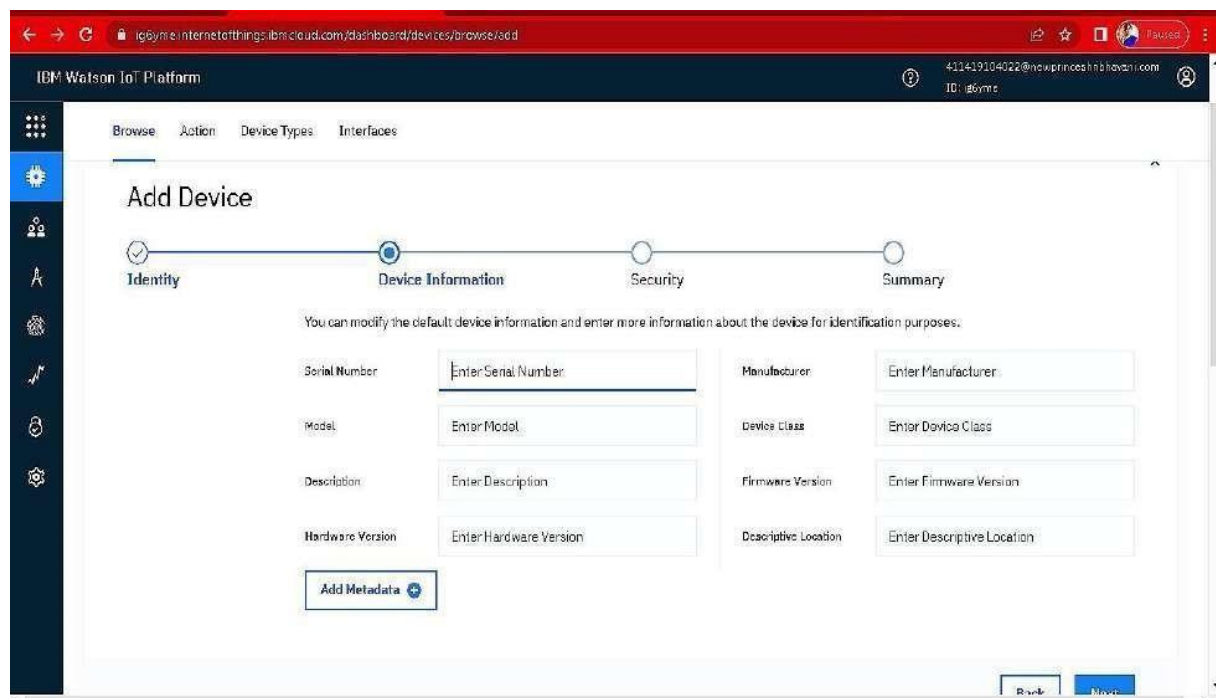


9.

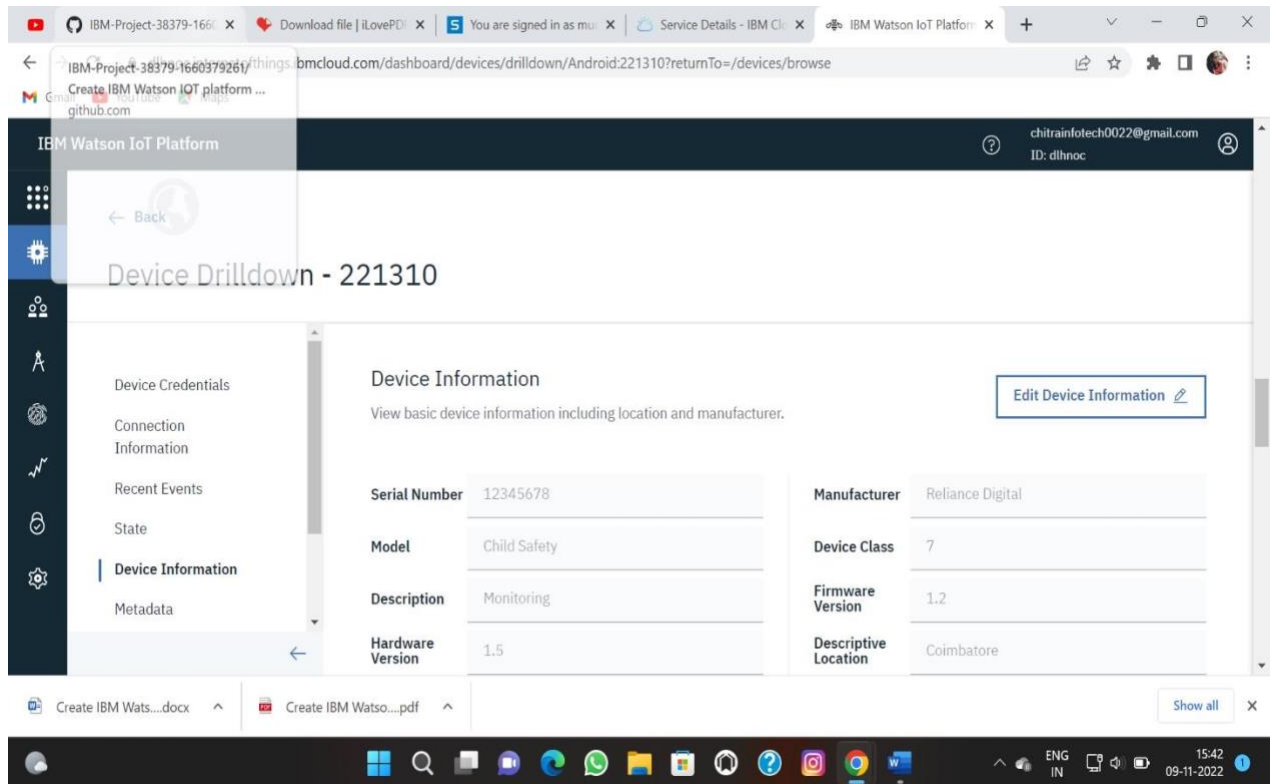
This tab is used when you want to connect to some other platform and to integrate with other services.

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

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

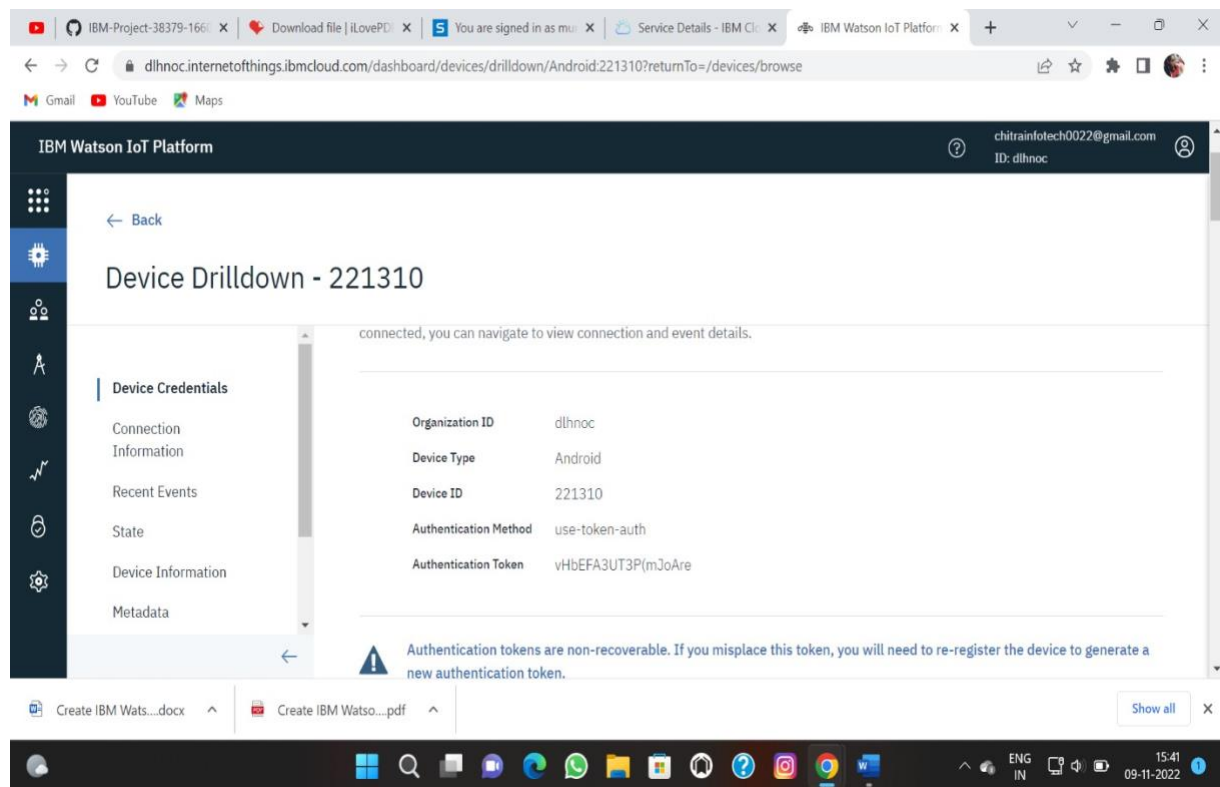


12. Clicking next it goes to the security where we do authentication token id.



13.

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



The device credentials will be displayed with all the details. Safe the details of the device as the authentication tokens are non-recoverable and if misplaced then we have to create a new one.

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

IBM Watson IoT Platform

chitrainfotech0022@gmail.com
ID: dlhnoc

Browse Action Device Types Interfaces

Add Device +

All Devices Diagnose

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.

Search by Device ID

Device Simulator

Device ID	Status	Device Type	Class ID	Date Added
221310	Disconnected	Android	Device	9 Nov 2022 15:41

Items per page 50 | 1-1 of 1 item

1 of 1 page

Show all

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

IBM Watson IoT Platform

chitrainfotech0022@gmail.com
ID: dlhnoc

Browse Action Device Types Interfaces

Add Device +

221310 Disconnected Android Device 9 Nov 2022 15:41

Identity Device Information Recent Events State Logs

Device ID 221310

Device Type Android

Date Added 9 Nov 2022 15:41

Added By chitrainfotech0022@gmail.com

Connection Status Disconnected

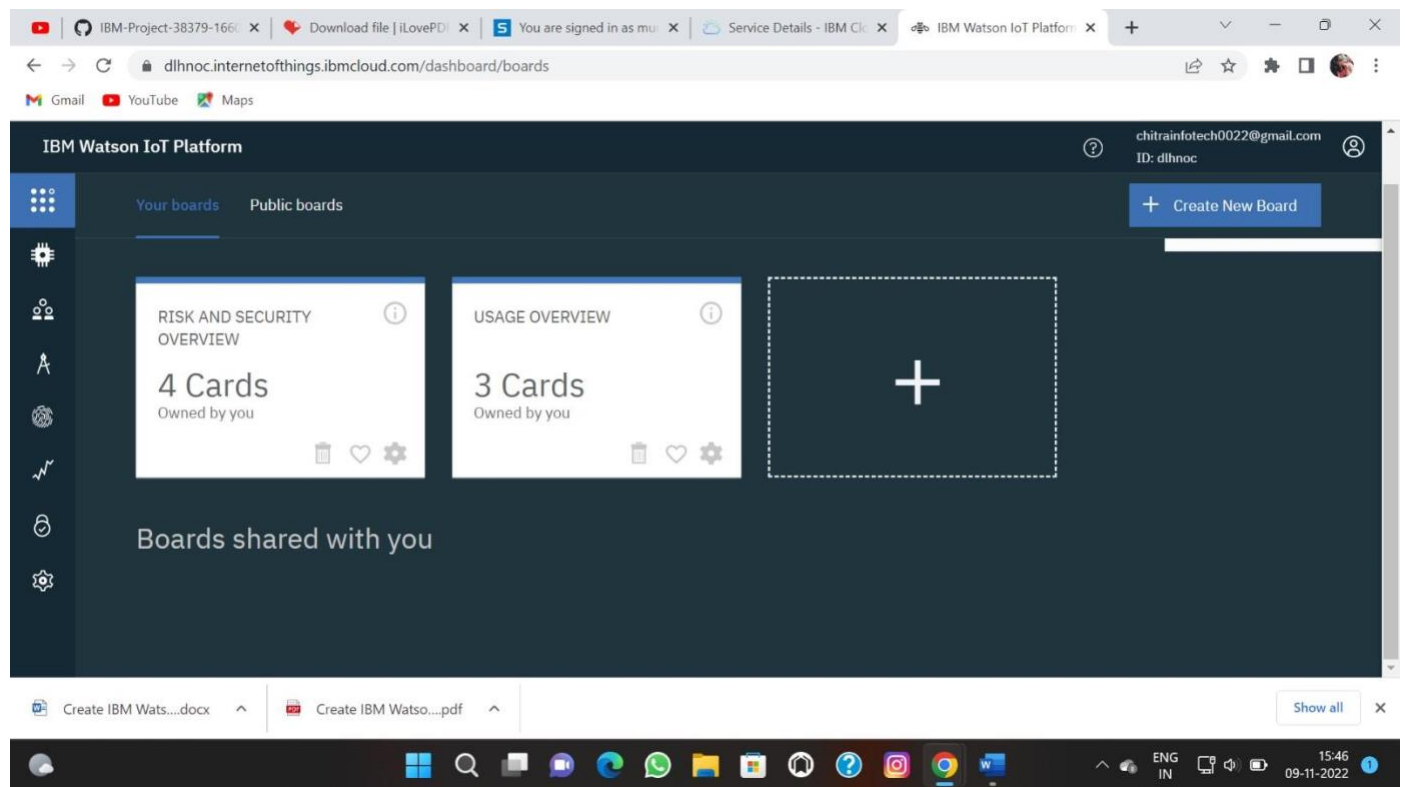
Items per page 50 | 1-1 of 1 item

1 of 1 page

Show all

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

20..The Boards will display card for the project.



RESULT:

An IBM Watson cloud for IoT and a device is created