

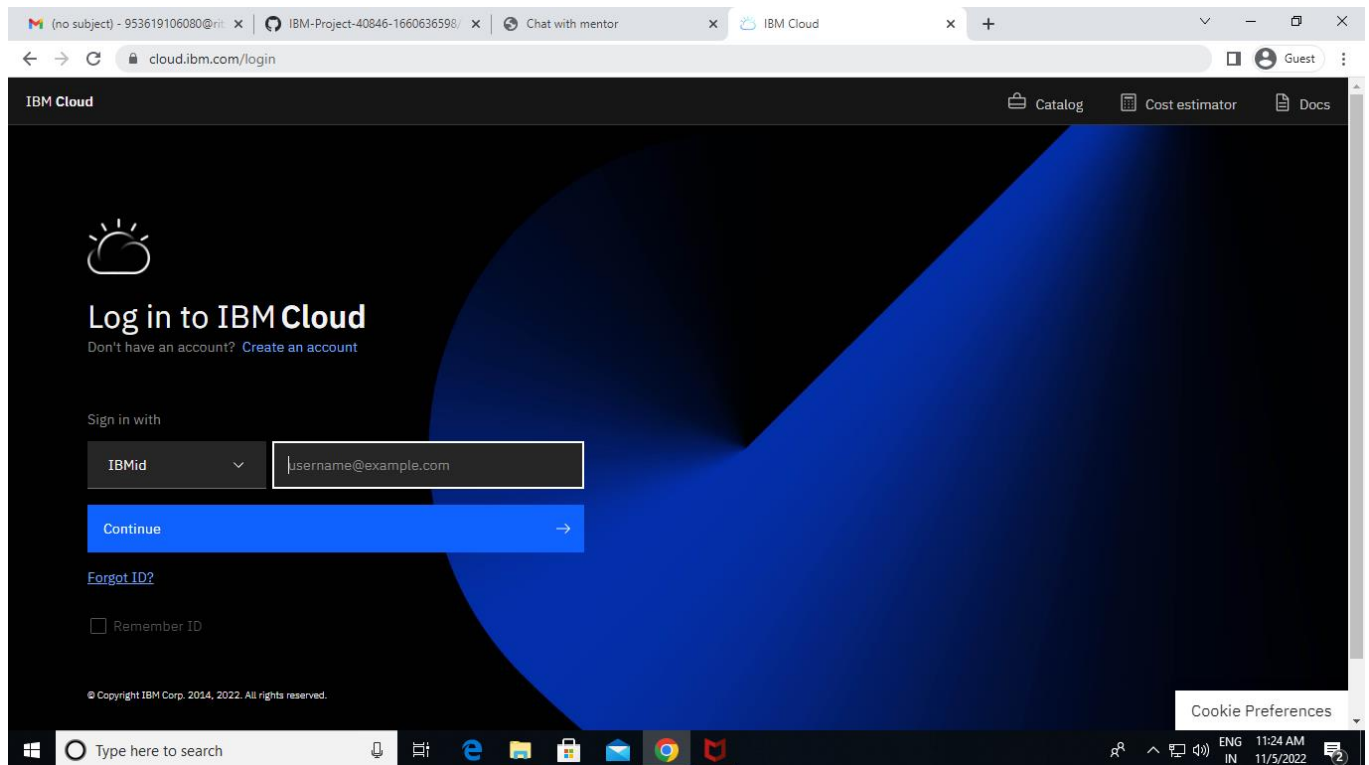
## Create And Configure IBM Cloud Service

### Create IBM Watson IoT Platform And Device

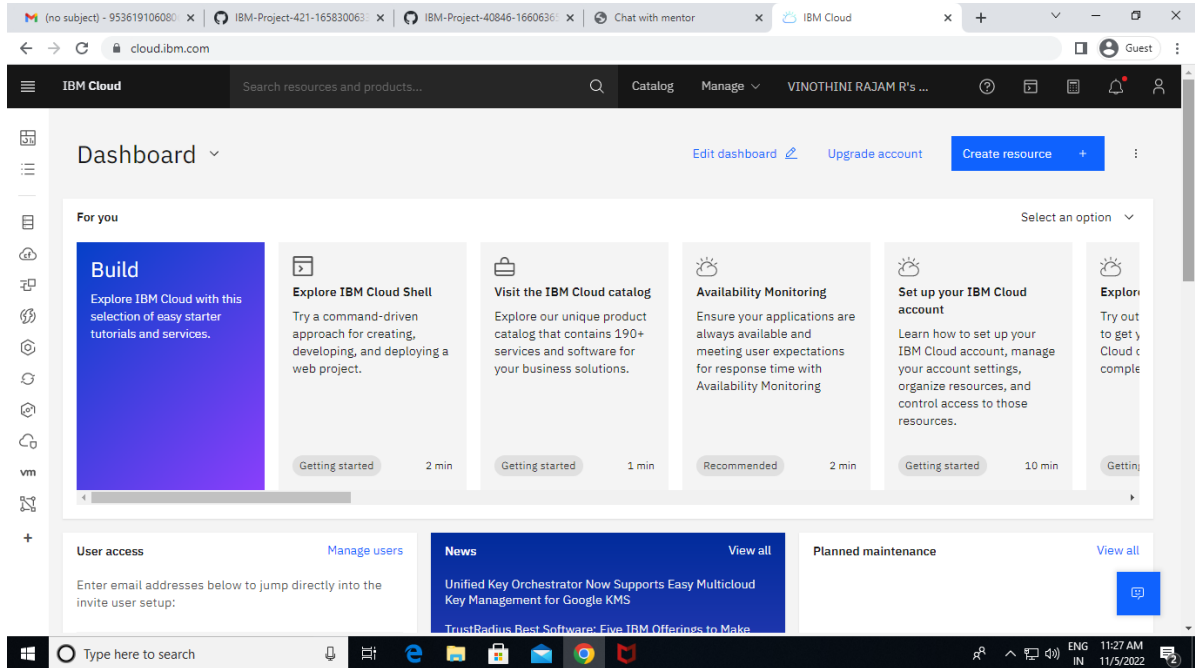
Date	7 November 2022
Team ID	PNT2022TMID51128
Project Name	IoT Based Safety Gadget for Child Safety Monitoring & Notification

## STEPS

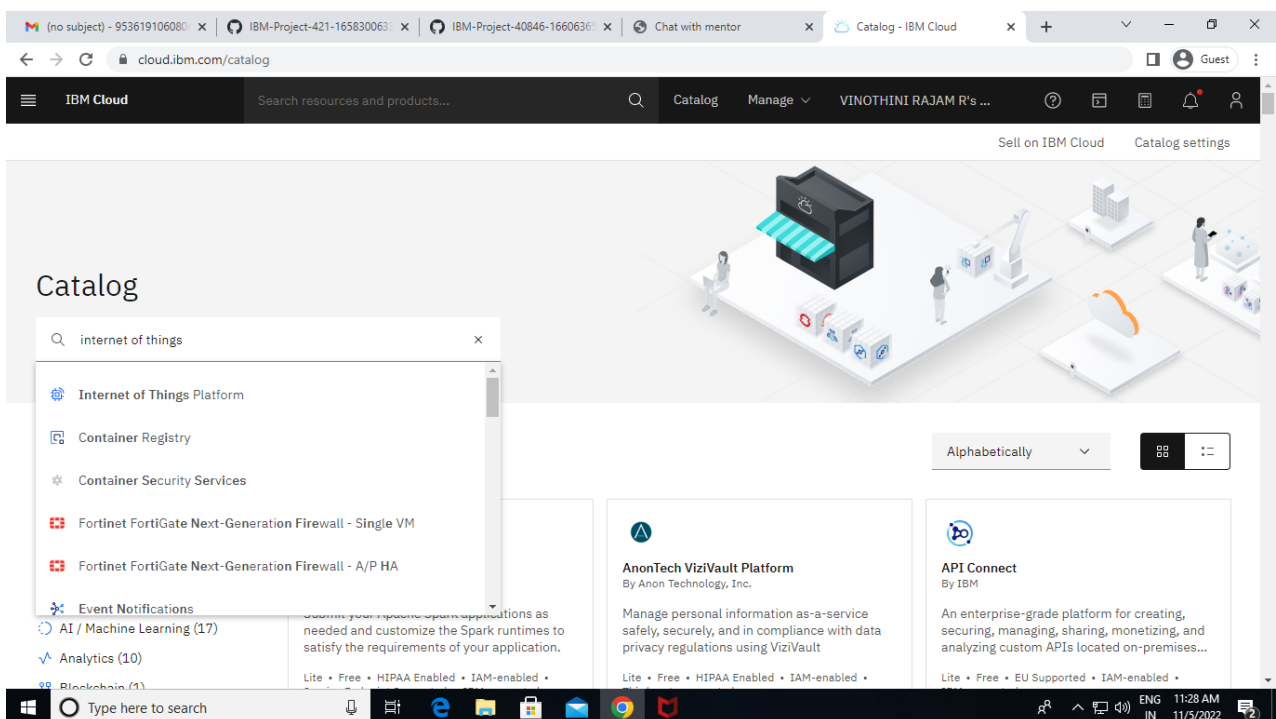
1. Firstly create an IBM cloud account with IBMid and password

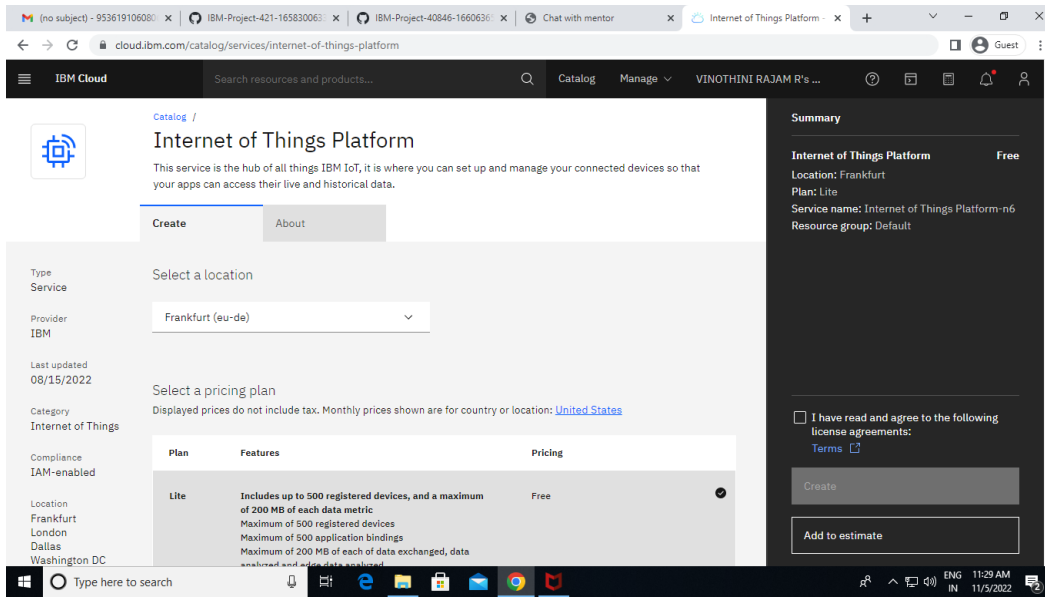


## 2. Home page of IBM cloud

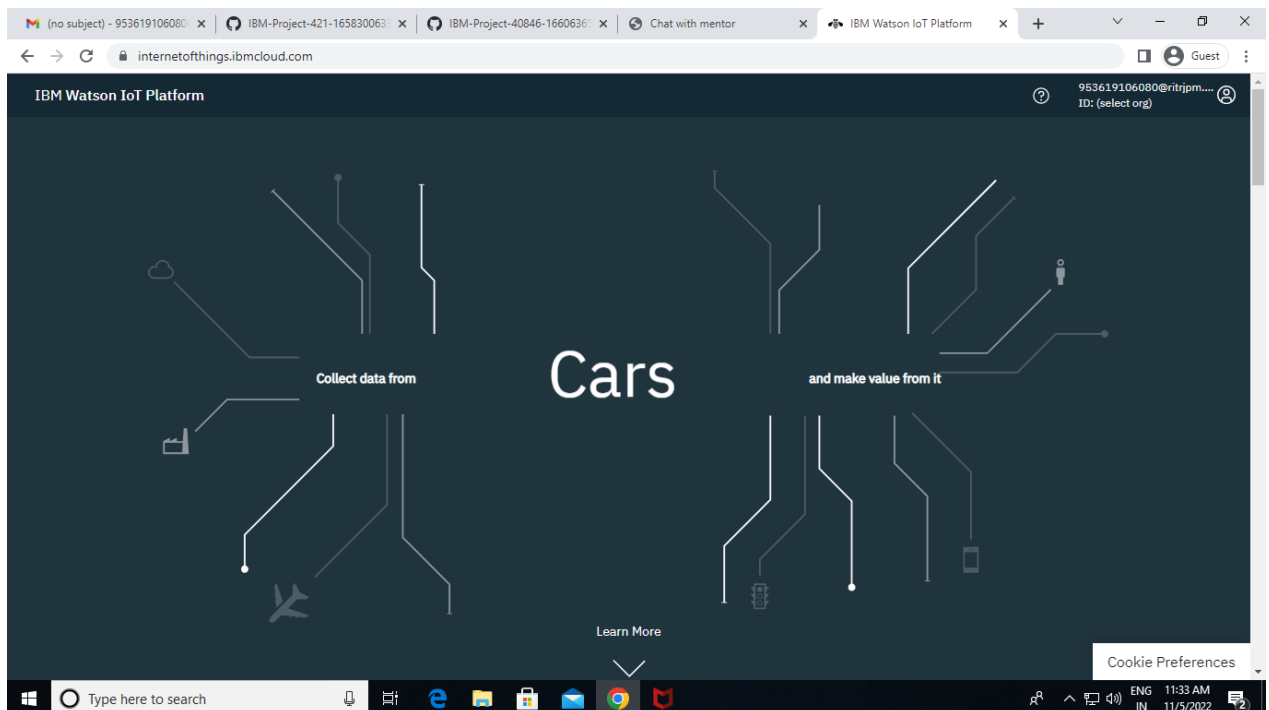


## 3. Click on the catalog on the top and Choose Internet of Things platform





4. Clicking on the launch button in the manage tab and after signing in IoT, it will open to this page



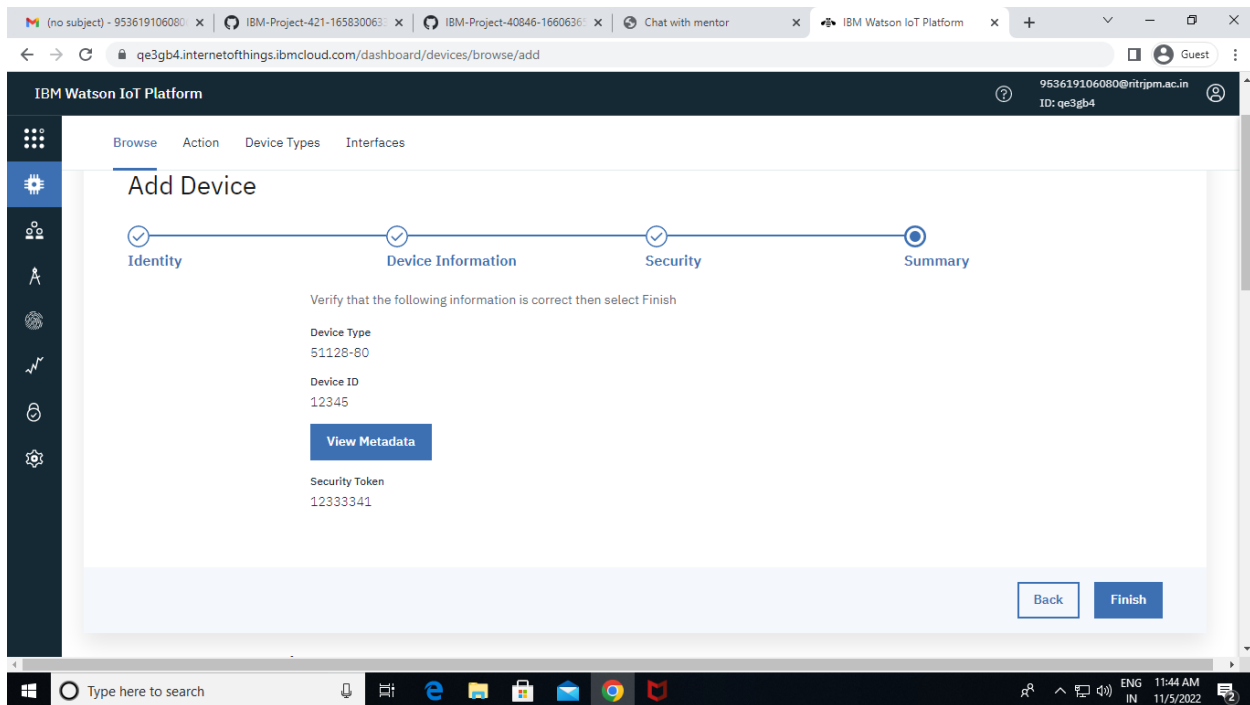
5. And again clicking on the launch button will open this tab, the device will help in the creation of the devices, the addition of devices, and the display of details of the devices.

The screenshot shows the 'Add Device' form in the IBM Watson IoT Platform. The form is titled 'Add Device' and has a progress bar with four steps: Identity (selected), Device Information, Security, and Summary. Below the progress bar, there is a text prompt: 'Select a device type for the device that you are adding and give the device a unique ID.' There are two input fields: 'Device Type' with a placeholder 'Select or create a device type...' and 'Device ID' with a placeholder 'Enter Device ID'. At the bottom right of the form, there are 'Cancel' and 'Next' buttons. The background shows the 'Browse Devices' section of the dashboard.

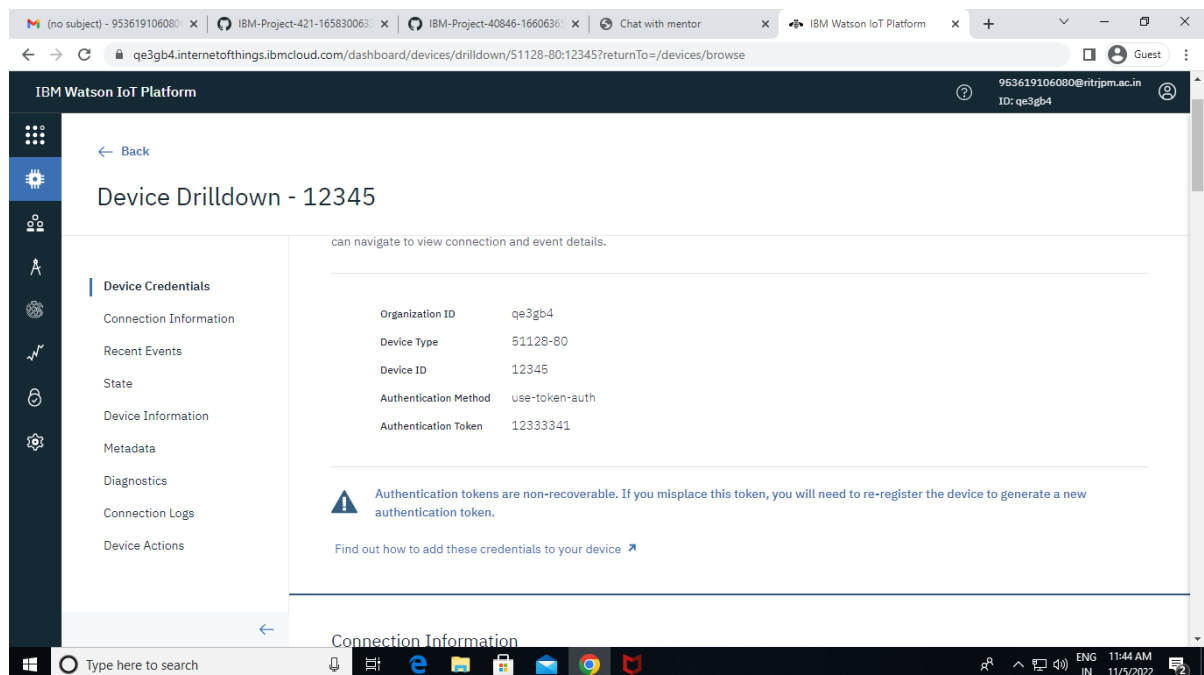
6. This page to enter extra details and of the hardware

The screenshot shows the 'Add Device' form in the IBM Watson IoT Platform, now on the 'Device Information' tab. The progress bar shows 'Identity' as completed and 'Device Information' as the current step. Below the progress bar, there is a text prompt: 'You can modify the default device information and enter more information about the device for identification purposes.' There are two columns of input fields. The left column contains: 'Serial Number' (placeholder: 'Enter Serial Number'), 'Model' (placeholder: 'Enter Model'), 'Description' (placeholder: 'Enter Description'), and 'Hardware Version' (placeholder: 'Enter Hardware Version'). The right column contains: 'Manufacturer' (placeholder: 'Enter Manufacturer'), 'Device Class' (placeholder: 'Enter Device Class'), 'Firmware Version' (placeholder: 'Enter Firmware Version'), and 'Descriptive Location' (placeholder: 'Enter Descriptive Location'). At the bottom left of the form, there is an 'Add Metadata' button with a plus icon. At the bottom right, there are 'Back' and 'Next' buttons.

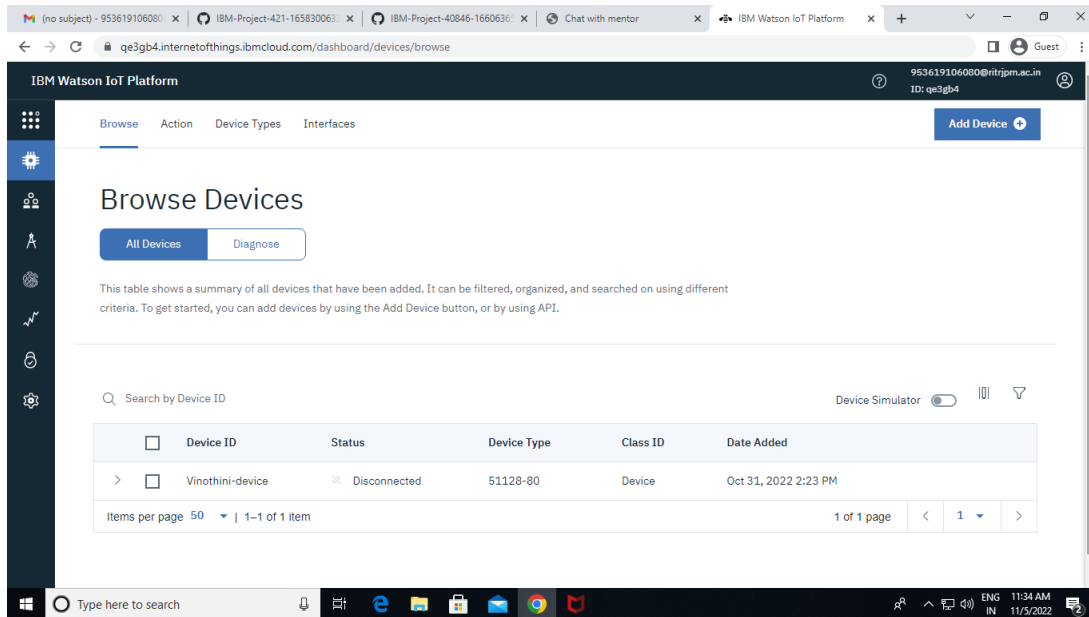
7. Clicking next it goes to the security where we do authentication token id.  
Clicking on next it goes to the summary of the device then click finish



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



9. 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



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

10.The Boards will display card for the project.

