

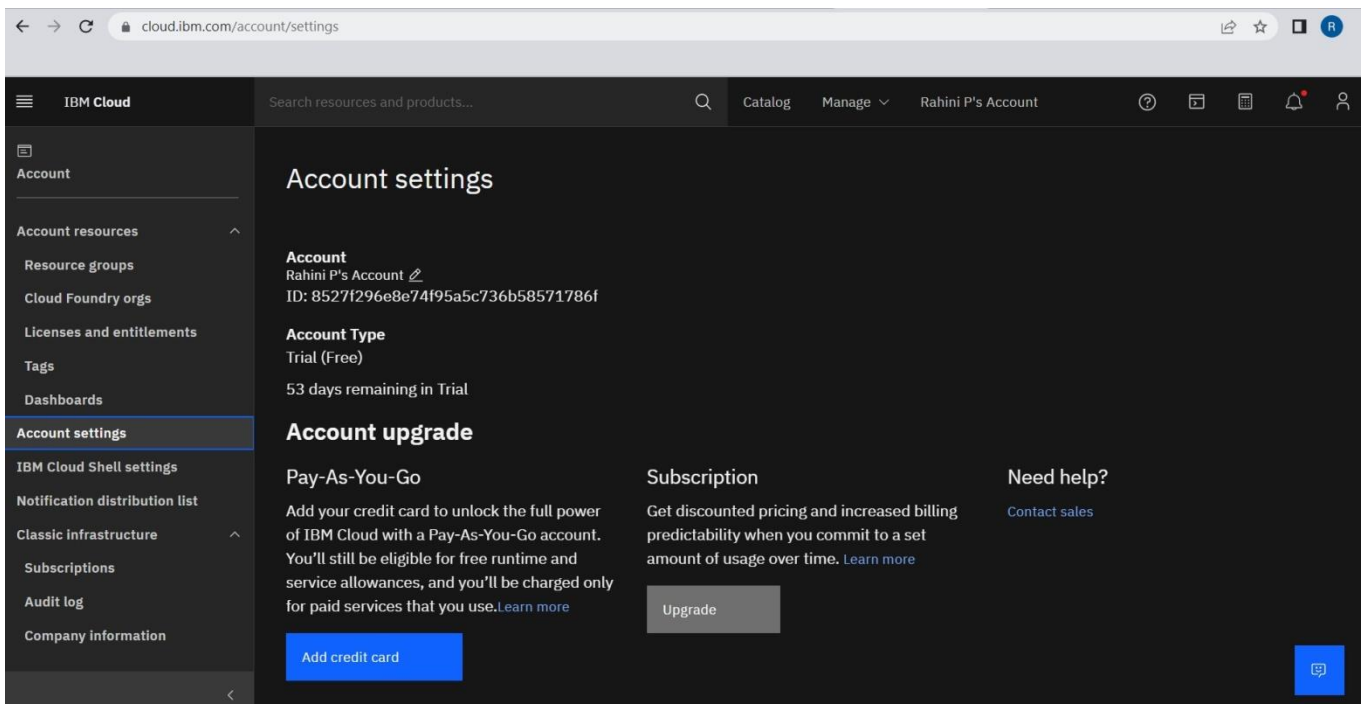
# **Gas leakage monitoring and alerting system for Industries**

IBM NALAIYATHIRAN

## **Create and Configure IBM services IOT Watson Platform**

<b>TITLE</b>	Gas leakage monitoring and alerting system for Industries
<b>DOMAIN NAME</b>	INTERNET OF THINGS
<b>TEAM ID</b>	PNT2022TMID16972

## Step1: Log in your registered id

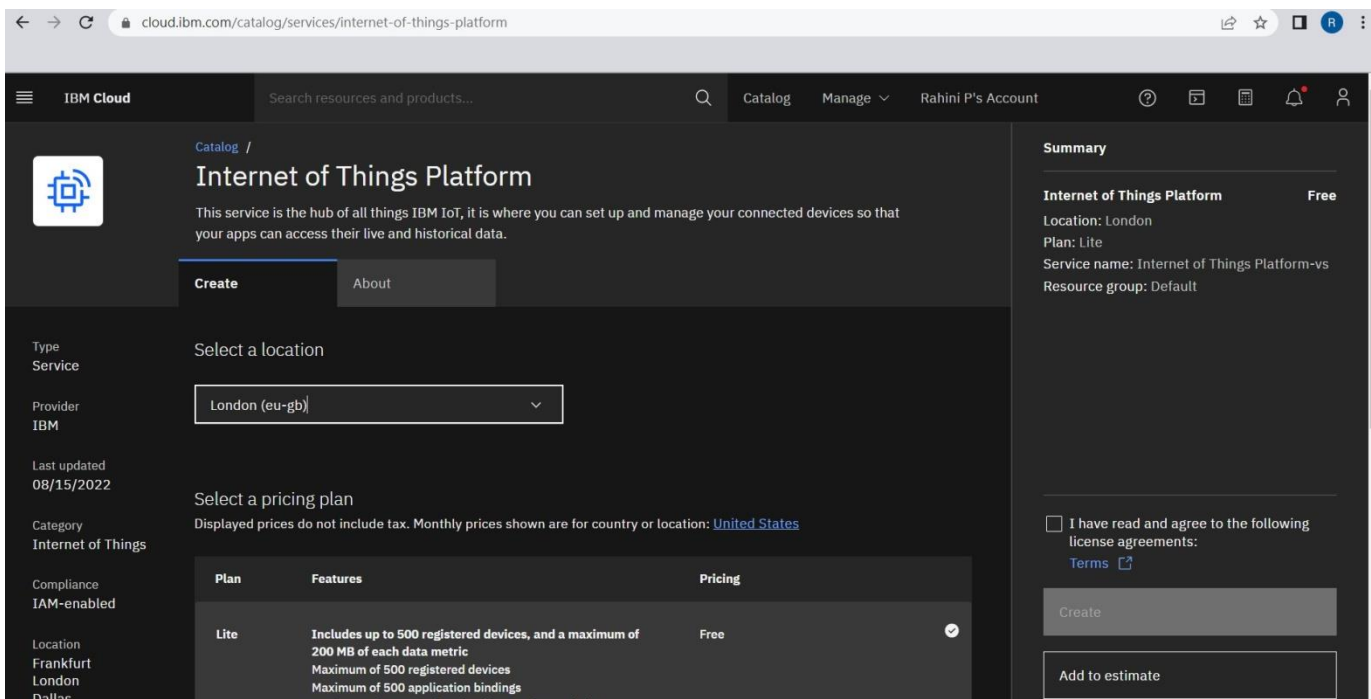


The screenshot shows the IBM Cloud account settings page. The left sidebar contains navigation links: Account, Account resources, Resource groups, Cloud Foundry orgs, Licenses and entitlements, Tags, Dashboards, Account settings (highlighted), IBM Cloud Shell settings, Notification distribution list, Classic infrastructure, Subscriptions, Audit log, and Company information. The main content area is titled 'Account settings' and displays the following information:

- Account:** Rahini P's Account, ID: 8527f296e8e74f95a5c736b58571786f
- Account Type:** Trial (Free), 53 days remaining in Trial
- Account upgrade:** Pay-As-You-Go. Text: 'Add your credit card to unlock the full power of IBM Cloud with a Pay-As-You-Go account. You'll still be eligible for free runtime and service allowances, and you'll be charged only for paid services that you use. [Learn more](#)'. Buttons: 'Add credit card' (blue), 'Upgrade' (gray).
- Subscription:** Get discounted pricing and increased billing predictability when you commit to a set amount of usage over time. [Learn more](#)
- Need help?:** [Contact sales](#)

The top navigation bar includes 'IBM Cloud', a search bar, 'Catalog', 'Manage', and 'Rahini P's Account'.

## Step 2: click catalog where you find the services and internet of thing you can select and make location as London



The screenshot shows the IBM Cloud Catalog page for the 'Internet of Things Platform'. The left sidebar contains navigation links: Catalog / (highlighted), Type, Service, Provider, IBM, Last updated, 08/15/2022, Category, Internet of Things, Compliance, IAM-enabled, Location, Frankfurt, London, Dallas. The main content area is titled 'Internet of Things Platform' and includes the following information:

- Description:** 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.
- Create / About:** 'Create' is selected.
- Select a location:** A dropdown menu shows 'London (eu-gb)' selected.
- Select a pricing plan:** A table displays the available plans.

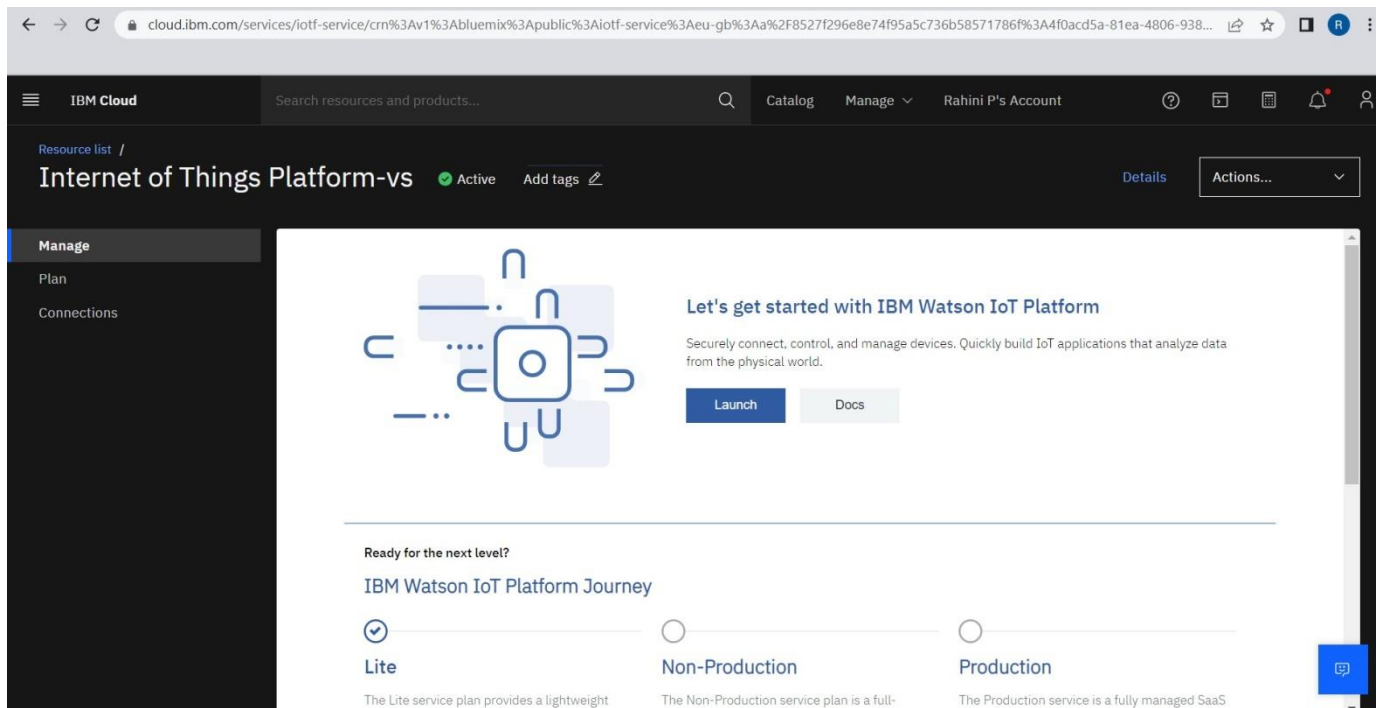
Plan	Features	Pricing
Lite	Includes up to 500 registered devices, and a maximum of 200 MB of each data metric Maximum of 500 registered devices Maximum of 500 application bindings Maximum of 200 MB of each of data exchanged_data	Free

The right sidebar contains a 'Summary' section with the following details:

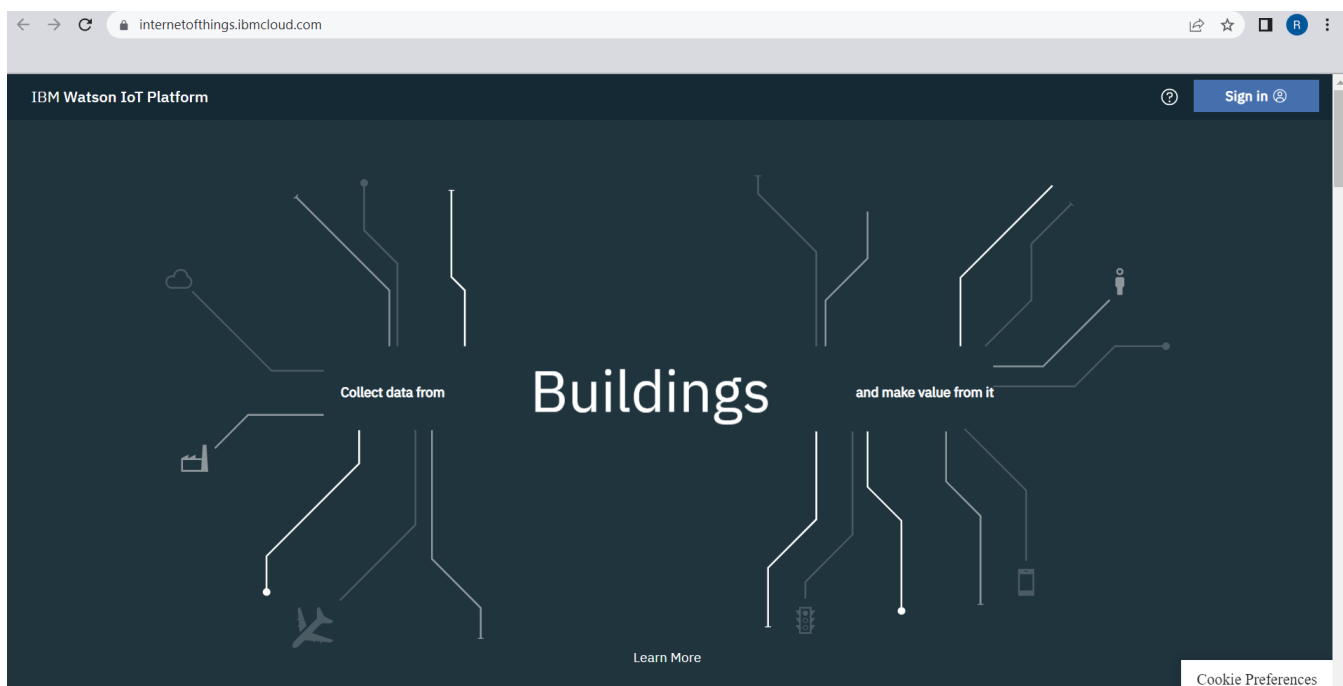
- Internet of Things Platform** (Free)
- Location: London
- Plan: Lite
- Service name: Internet of Things Platform-vs
- Resource group: Default

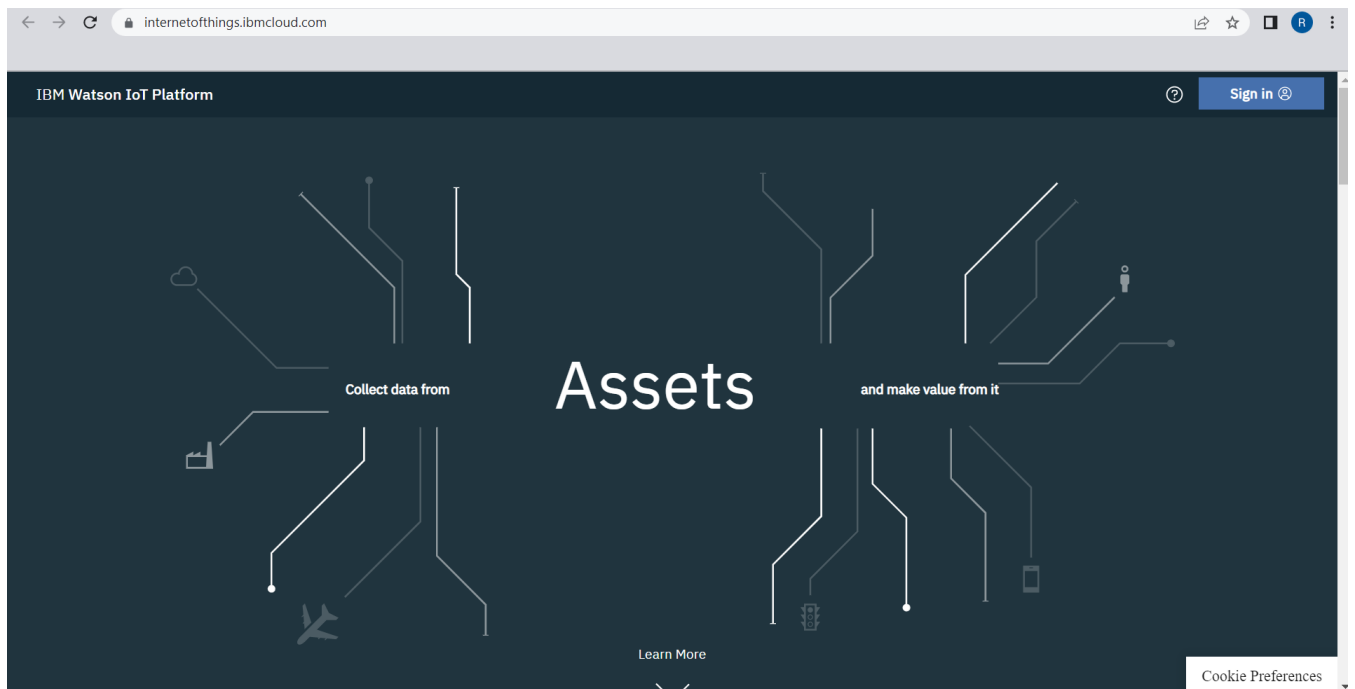
Below the summary, there is a checkbox for 'I have read and agree to the following license agreements:' with a link to 'Terms'. At the bottom, there are 'Create' and 'Add to estimate' buttons.

**Step 3: click create and the launch tab get open, then click launch**

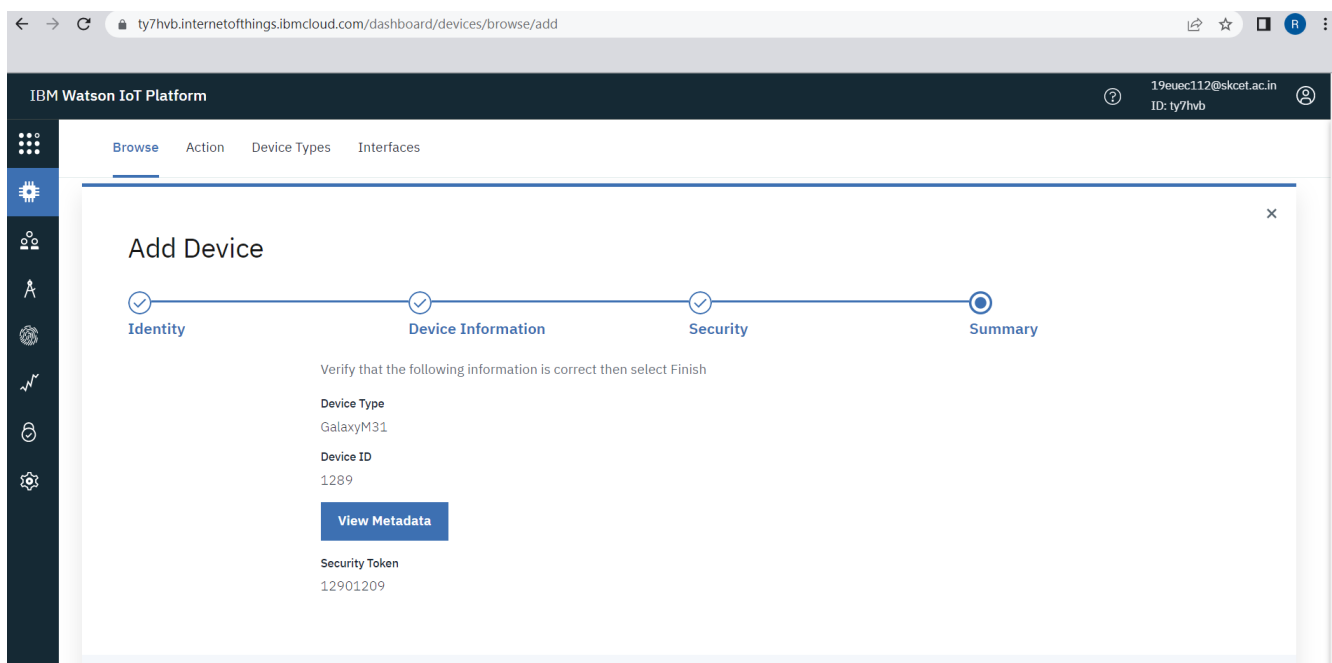


**Step 4: It redirect you to IBM WATSON platform where you need to click sign in**

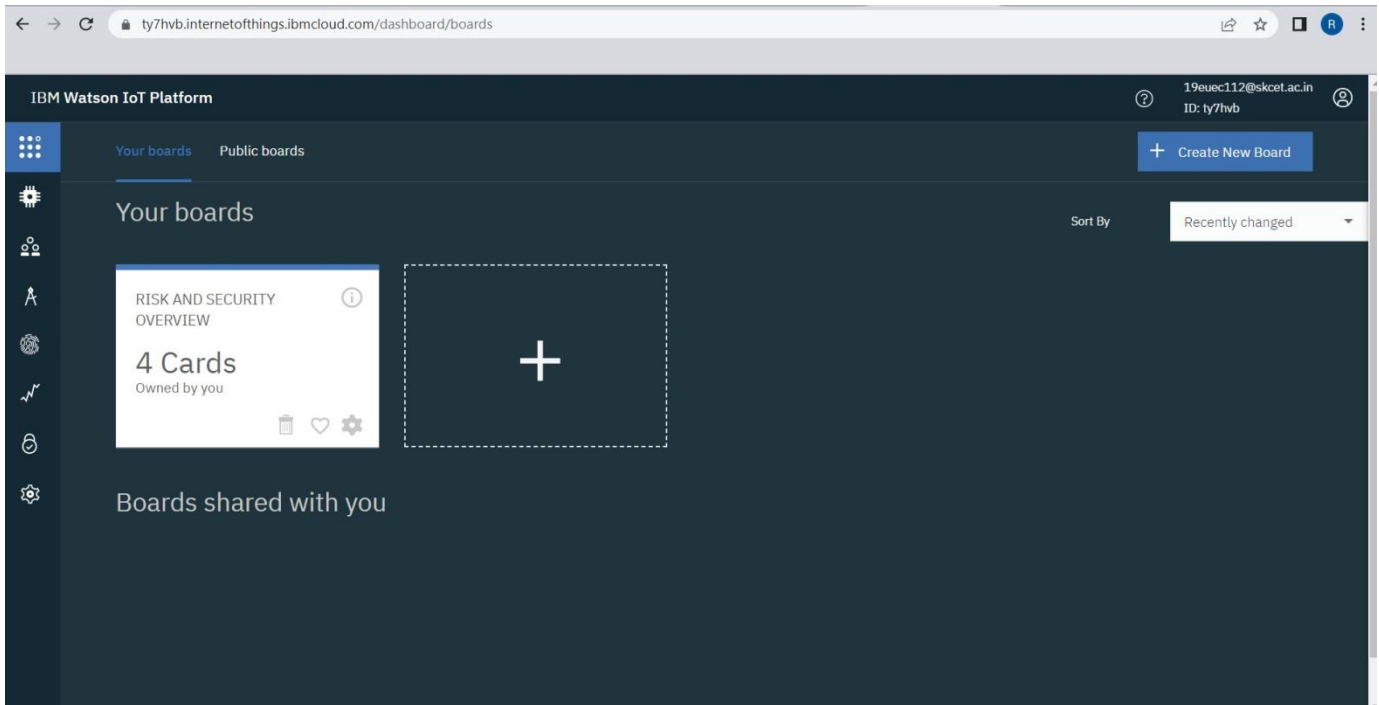




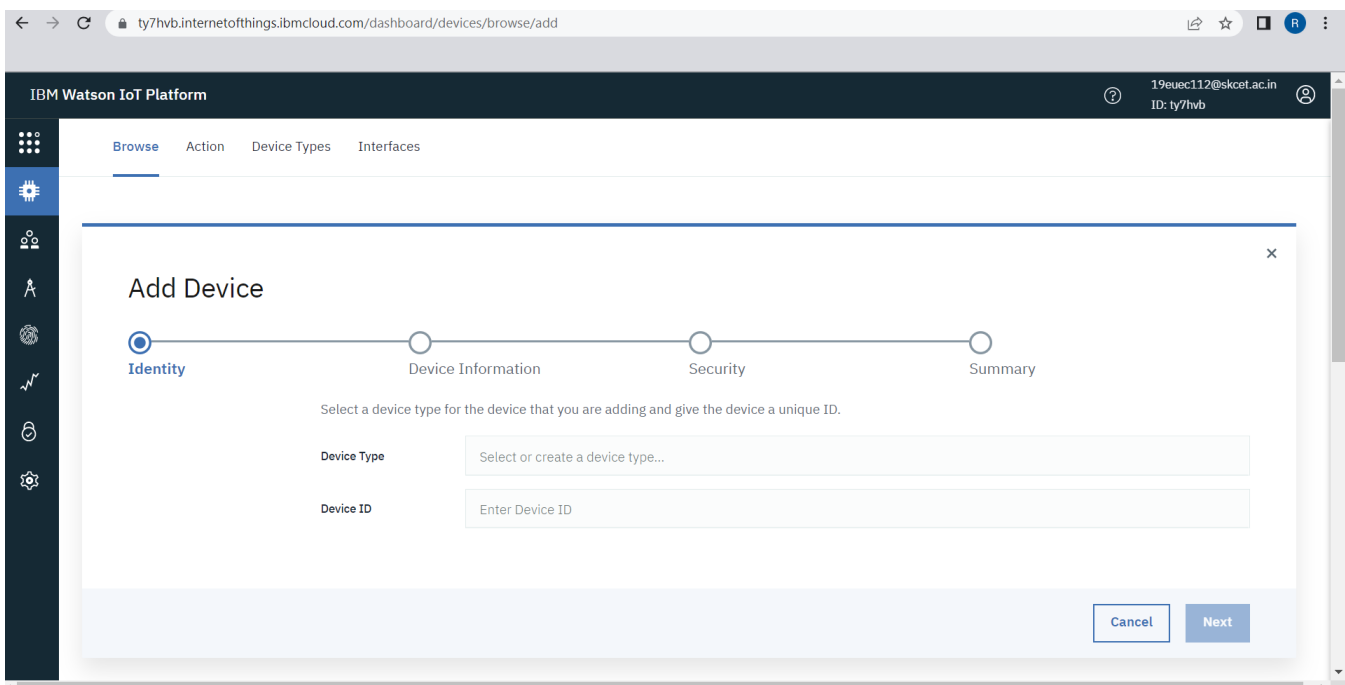
**Step 6: where you find this tab which is used to add device, app, member, usage, and security can be worked**



## Step 7: check boards for risk and security overview card, it uses for graphical representation boards



## Step 8: after clicking create a new device / add device you can choose an device type and device id and complete the following information to create a device



# Step 9: created a device of NodeMCU

