

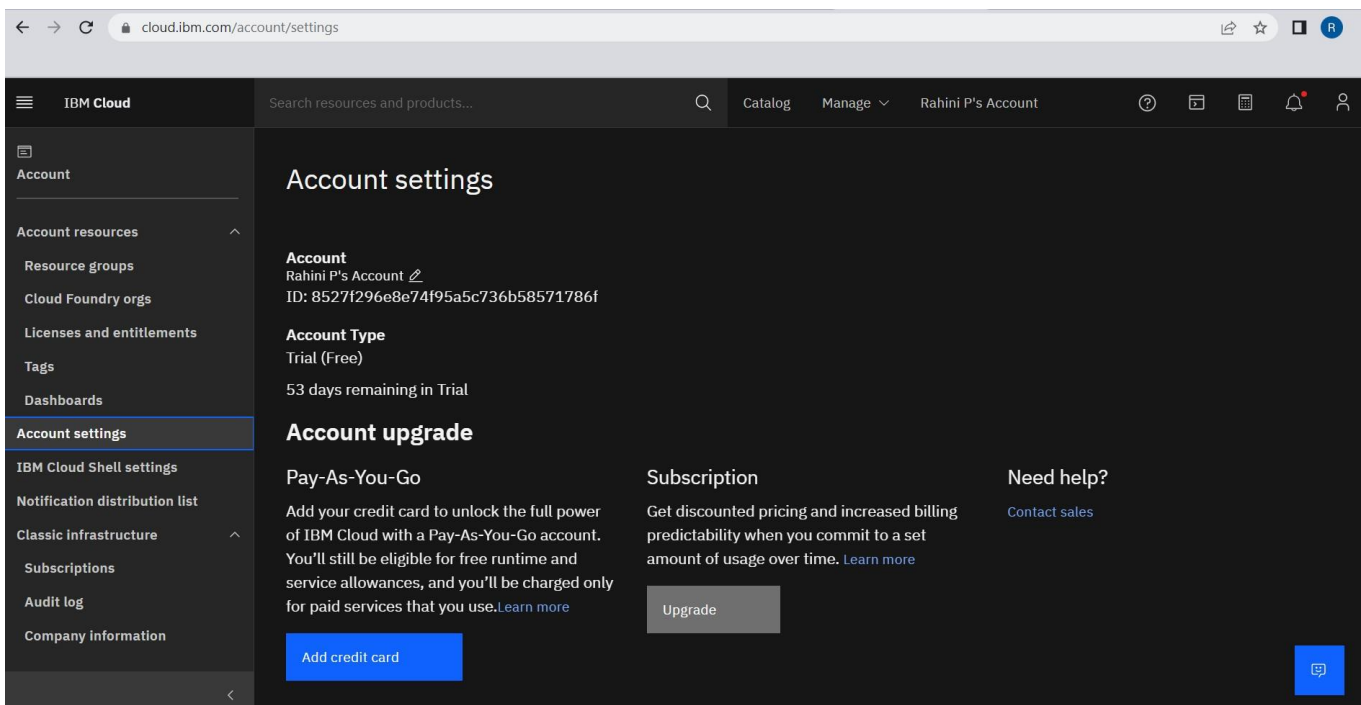
Gas leakage monitoring and alerting System for Industries

IBM NALAIYATHIRAN

Create and Configure IBM services IOT Watson Platform

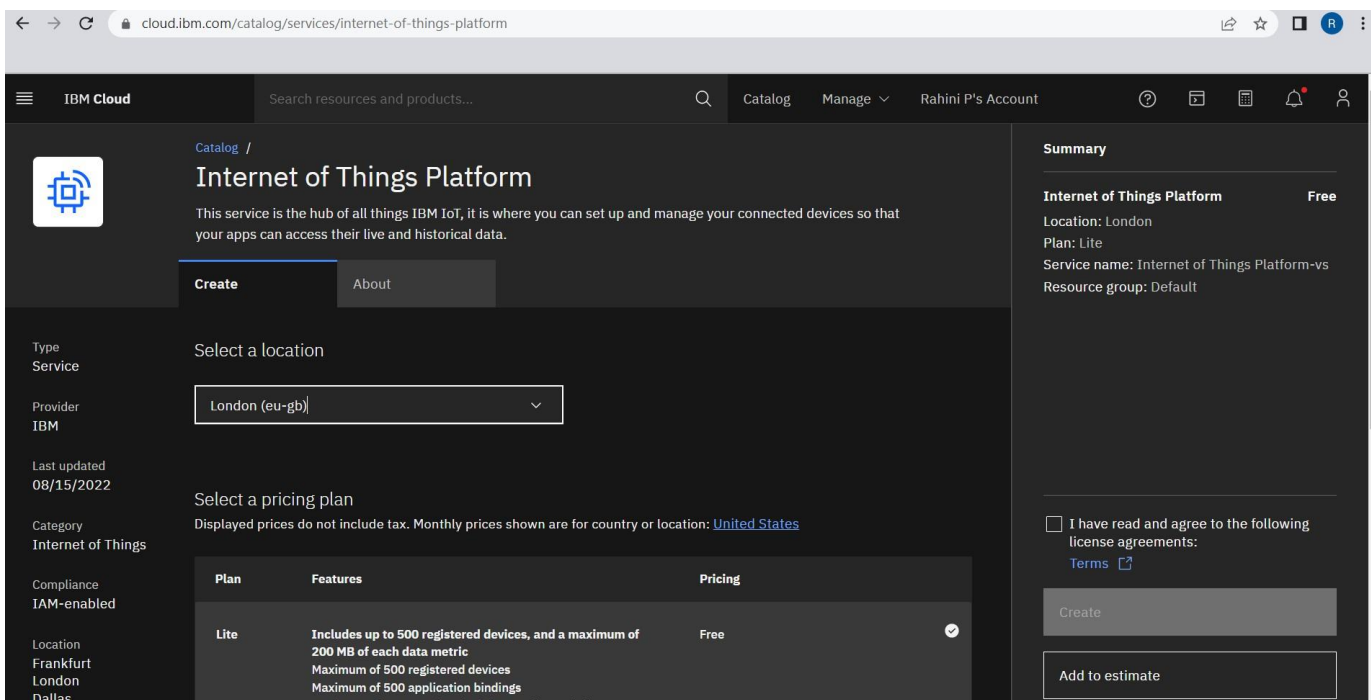
TITLE	Gas leakage monitoring and alerting system for Industries
DOMAIN NAME	INTERNET OF THINGS
TEAM ID	PNT2022TMID17483

Step1: Log in your registered id



The screenshot shows the IBM Cloud account settings page. The left sidebar contains a navigation menu with options like 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 account details: Account (Rahini P's Account, ID: 8527f296e8e74f95a5c736b58571786f), Account Type (Trial (Free)), and 53 days remaining in Trial. Below this is the 'Account upgrade' section, which includes 'Pay-As-You-Go' (with an 'Add credit card' button) and 'Subscription' (with an 'Upgrade' button). A 'Need help?' link is also present.

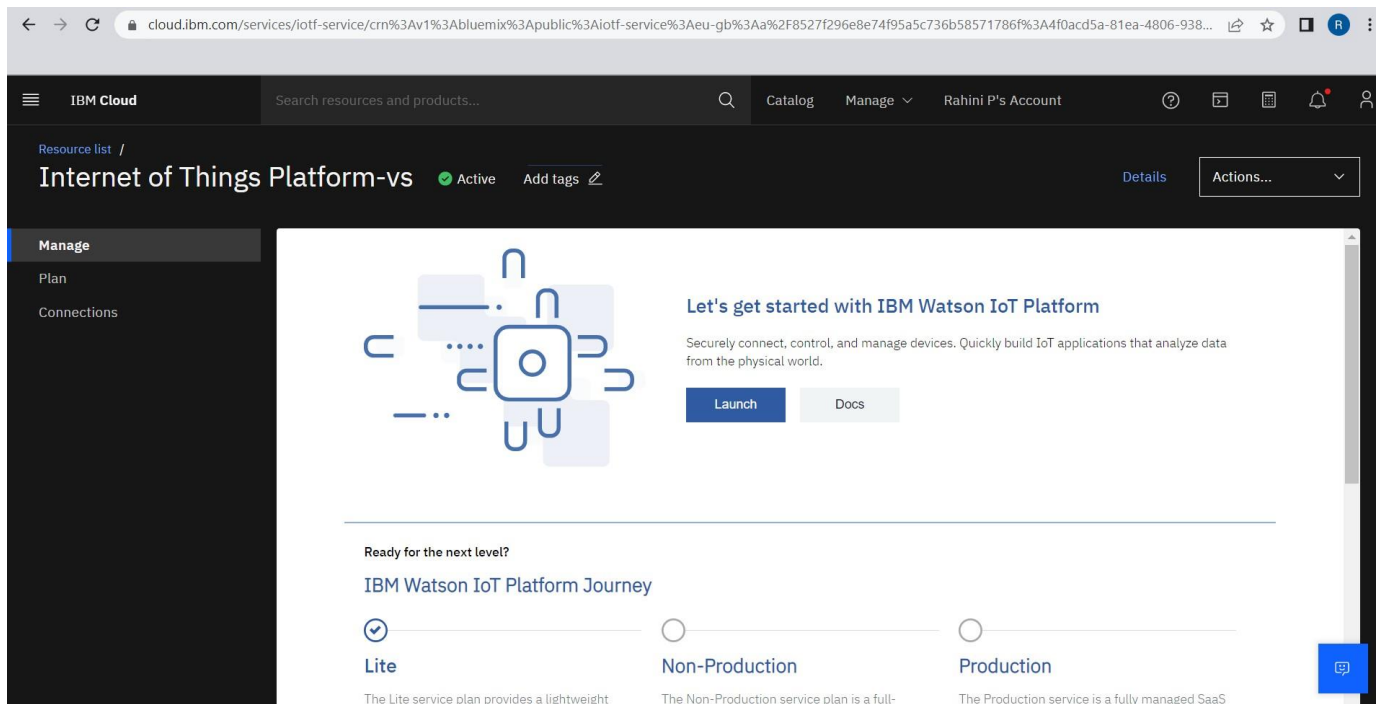
Step 2: click catalog where you find the services and internet of thing you can select and make location as London



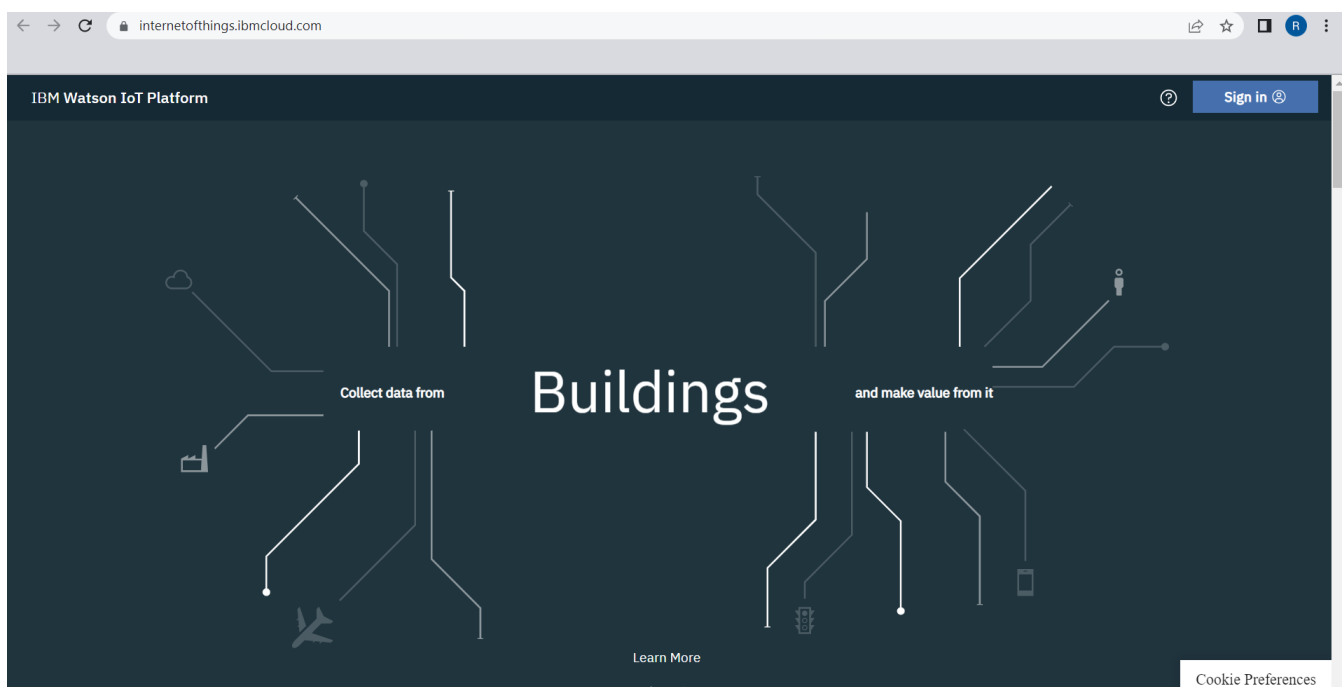
The screenshot shows the IBM Cloud Catalog page for the 'Internet of Things Platform'. The left sidebar contains a navigation menu with options like Catalog / (highlighted), Internet of Things Platform, and other services. The main content area is titled 'Internet of Things Platform' and includes a description: '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.' Below this is a 'Create' button and a 'Select a location' dropdown menu with 'London (eu-gb)' selected. A 'Select a pricing plan' section shows a table of plans, with the 'Lite' plan selected. The table has columns for Plan, Features, and Pricing. The 'Lite' plan includes up to 500 registered devices, a maximum of 200 MB of each data metric, and is priced at 'Free'. A 'Summary' panel on the right shows the selected plan details: Internet of Things Platform, Location: London, Plan: Lite, Service name: Internet of Things Platform-vs, and Resource group: Default. There is a 'Create' button and a 'Add to estimate' button.

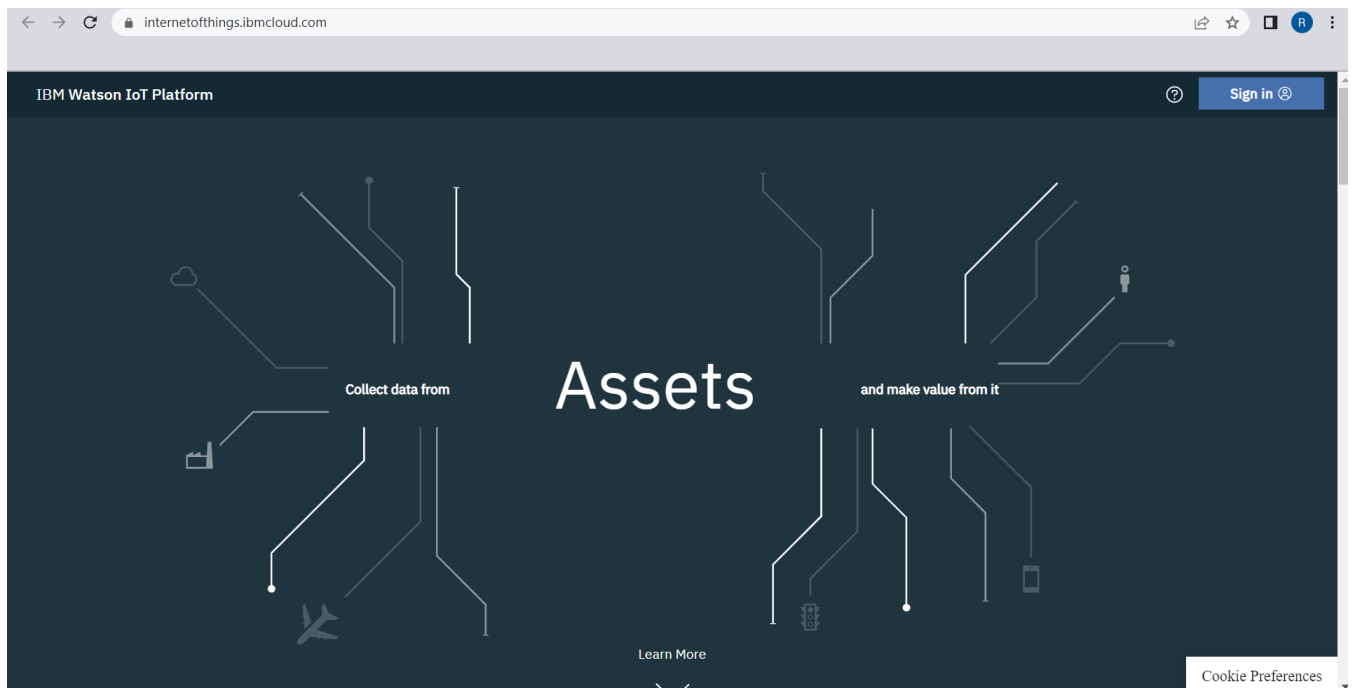
Plan	Features	Pricing
Lite	Includes up to 500 registered devices, and a maximum of 200 MB of each data metric Maximum of 500 registered devices Maximum of 500 application bindings Maximum of 200 MB of each of data exchanged, data	Free

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

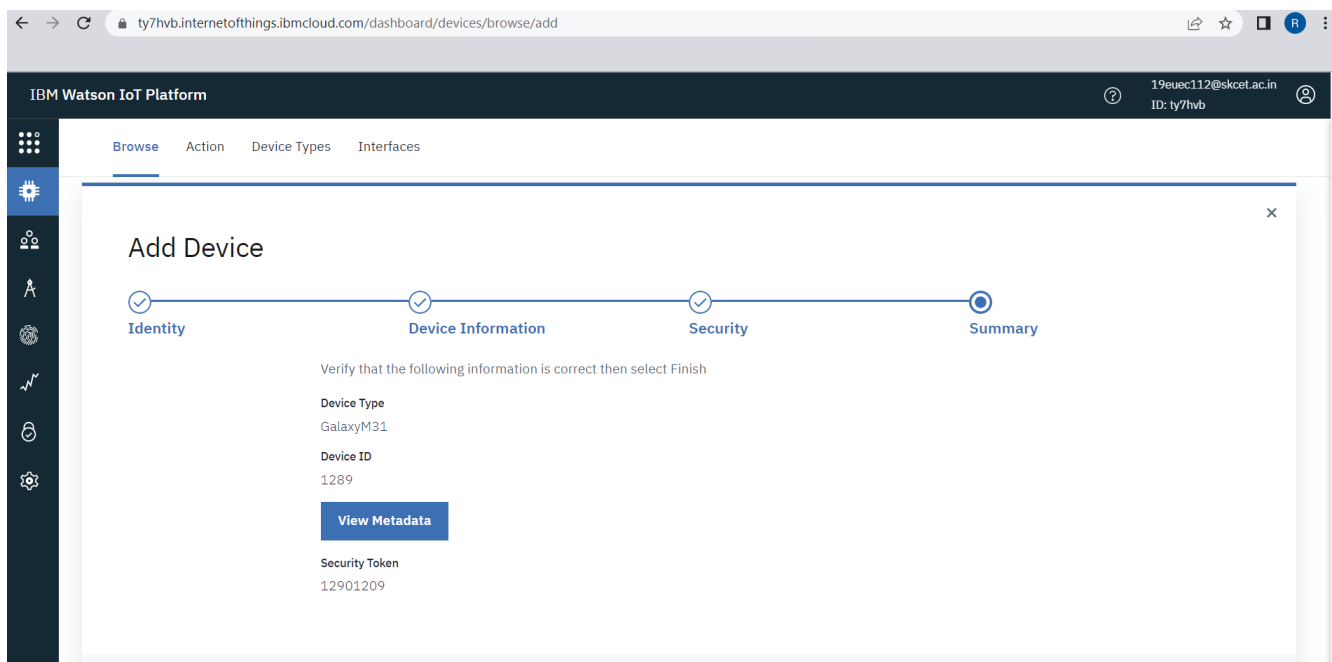


Step 4: It redirect you to IBM WATSON platform where you need to click sign in

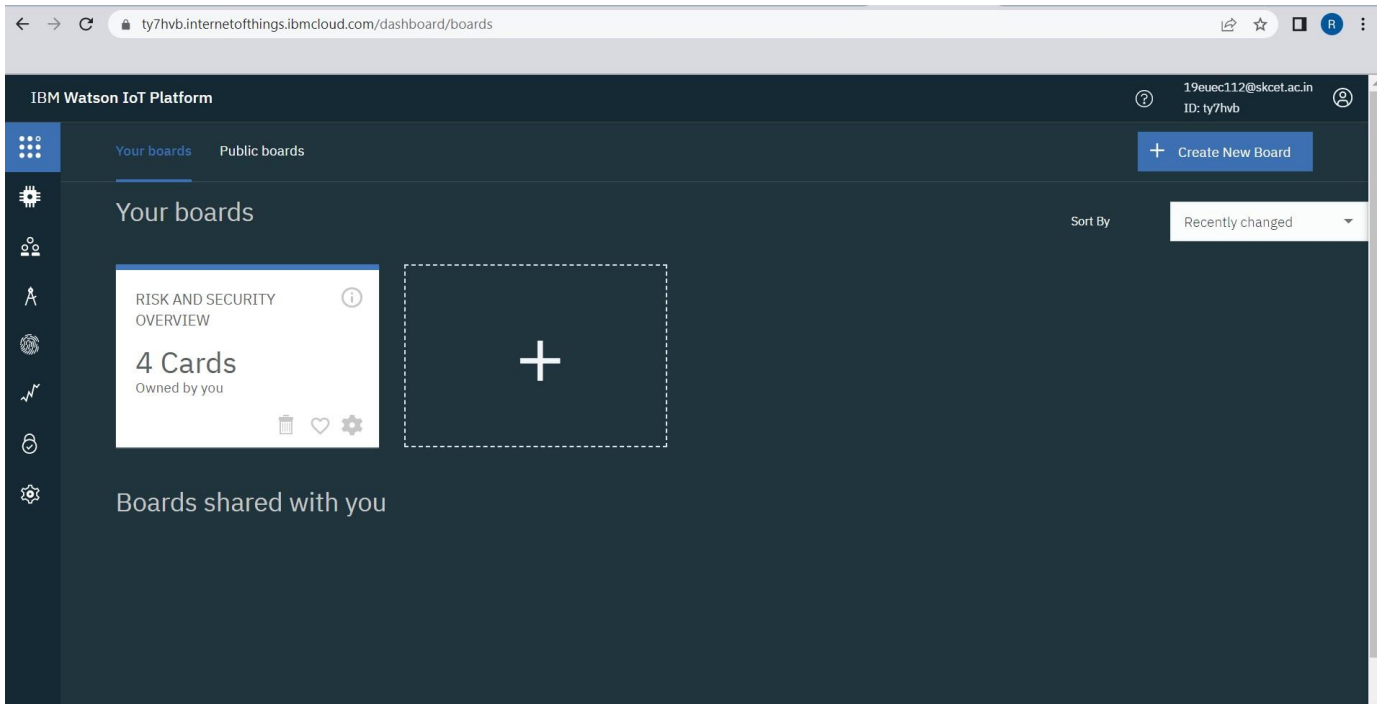




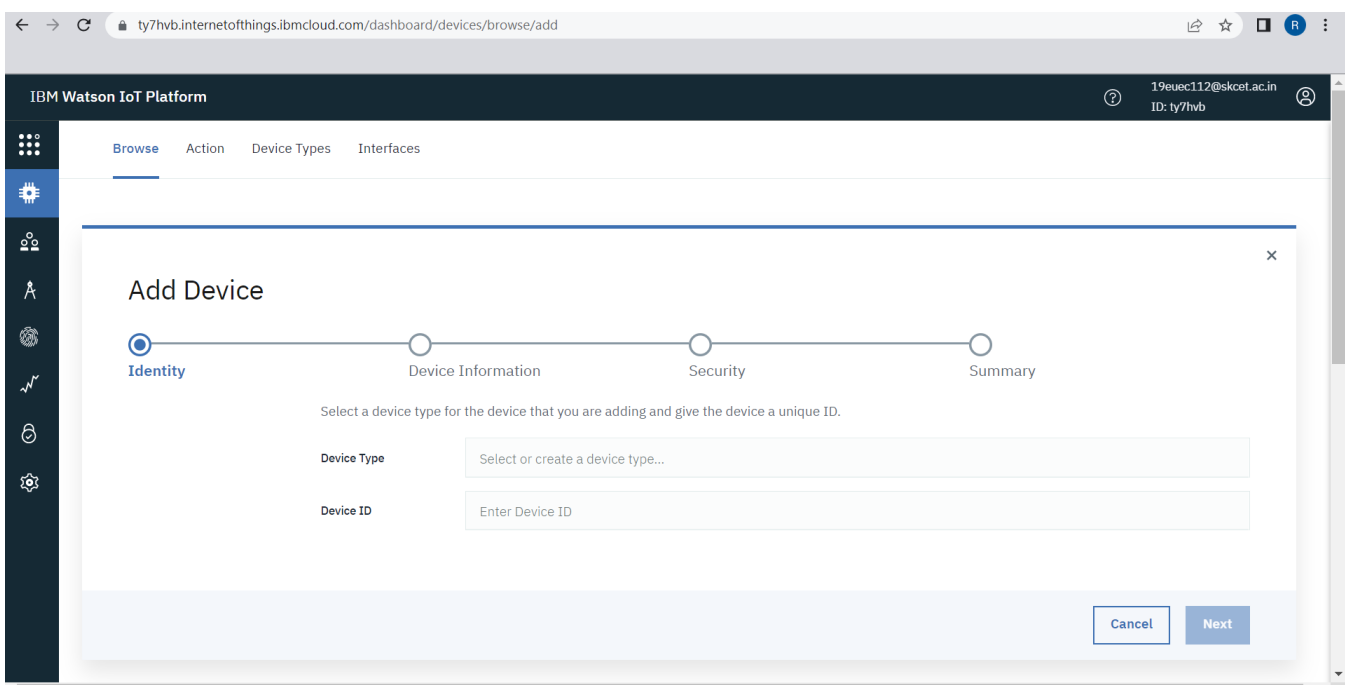
Step 6: where you find this tab which is used to add device, app, member, usage, and security can be worked



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

