

Smart Farmer-IOT Enabled Smart Farming Application

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	PNT2022TMID03152

Step1: Log in your registered id

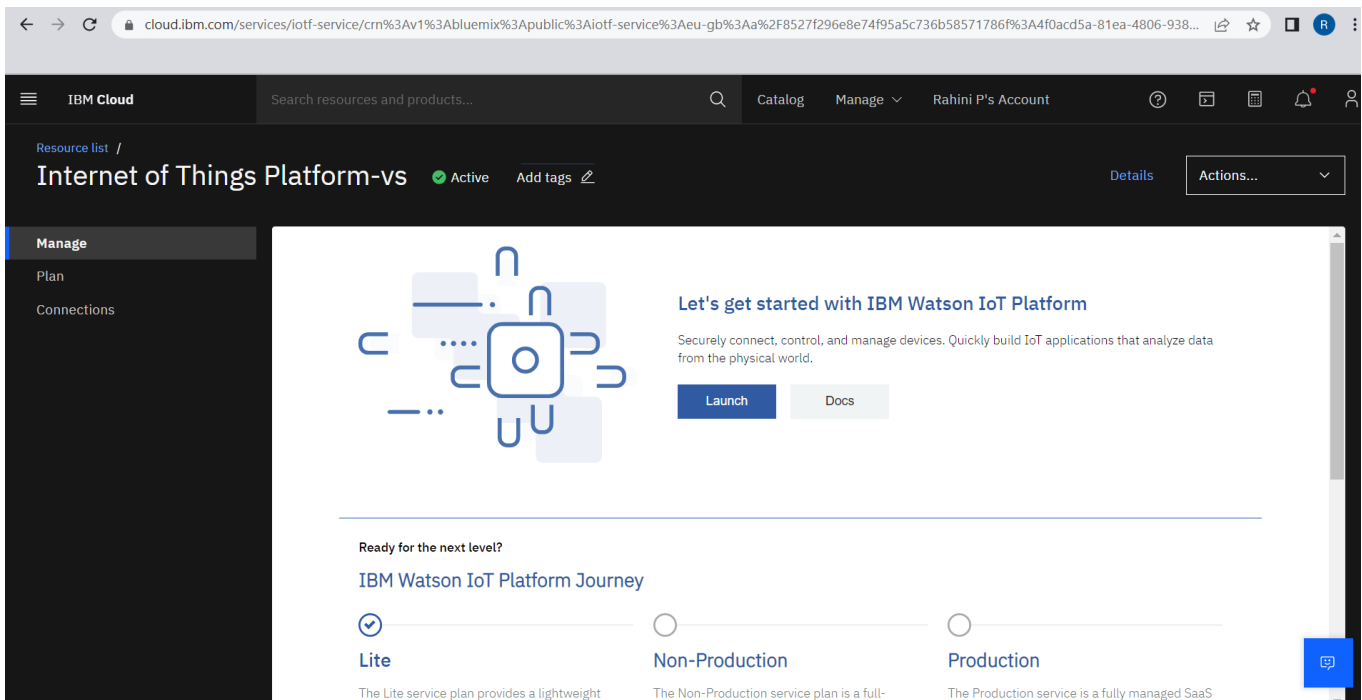
The screenshot shows the IBM Cloud account settings page. The left sidebar contains a navigation menu with options like Account, Account resources, Resource groups, Cloud Foundry orgs, Licenses and entitlements, Tags, Dashboards, Account settings (highlighted), IBM Cloud Shell settings, Notification 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. The top navigation bar includes 'IBM Cloud', a search bar, and links to '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

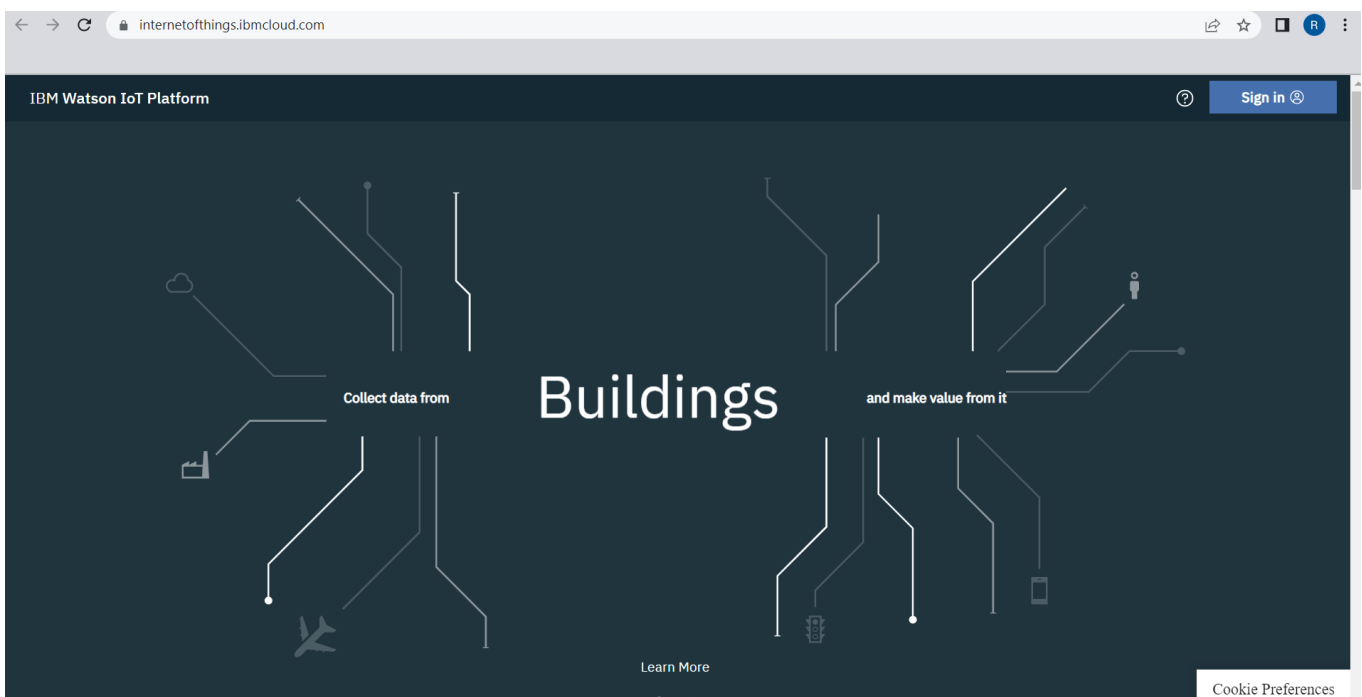
The screenshot shows the IBM Cloud catalog page for the 'Internet of Things Platform'. The left sidebar contains a navigation menu with options like Catalog / (highlighted), Internet of Things Platform, and a table of services. The main content area is titled 'Internet of Things Platform' and includes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

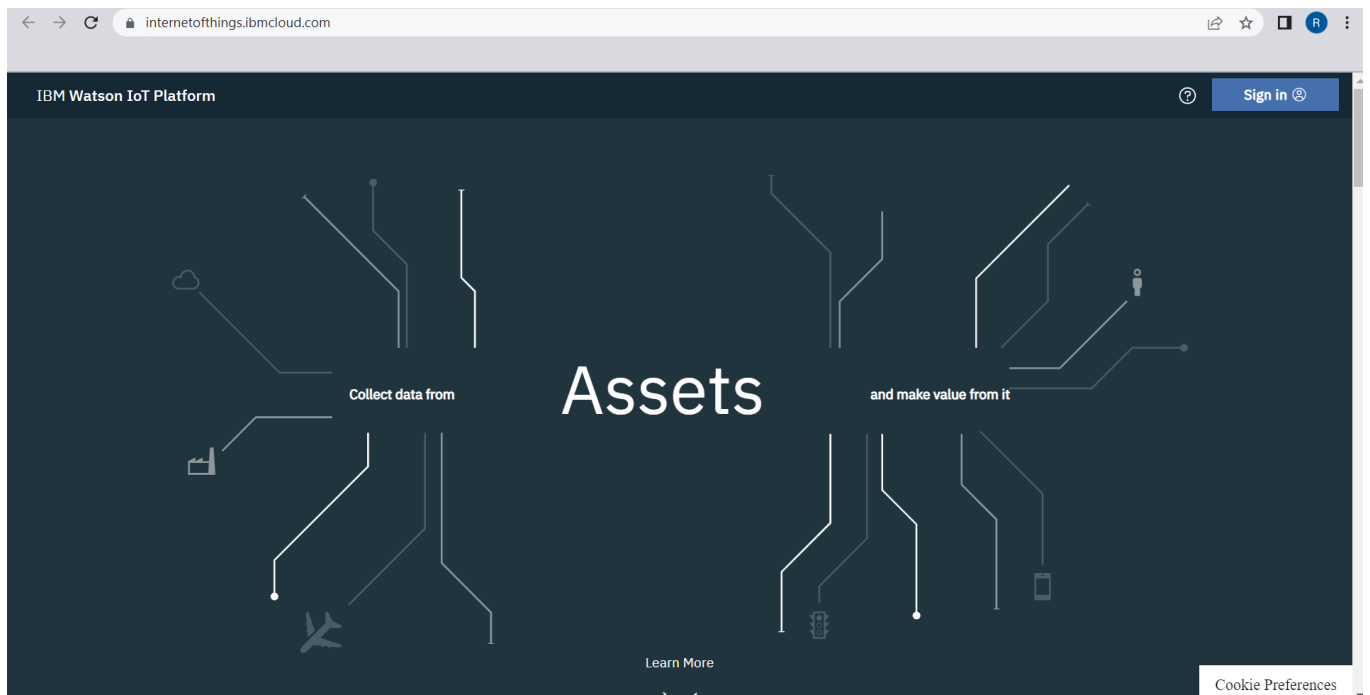
Plan	Features	Pricing
Lite	Includes up to 500 registered devices, and a maximum of 200 MB of each data metric Maximum of 500 registered devices Maximum of 500 application bindings Maximum of 200 MB of each of data exchanged, data	Free

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

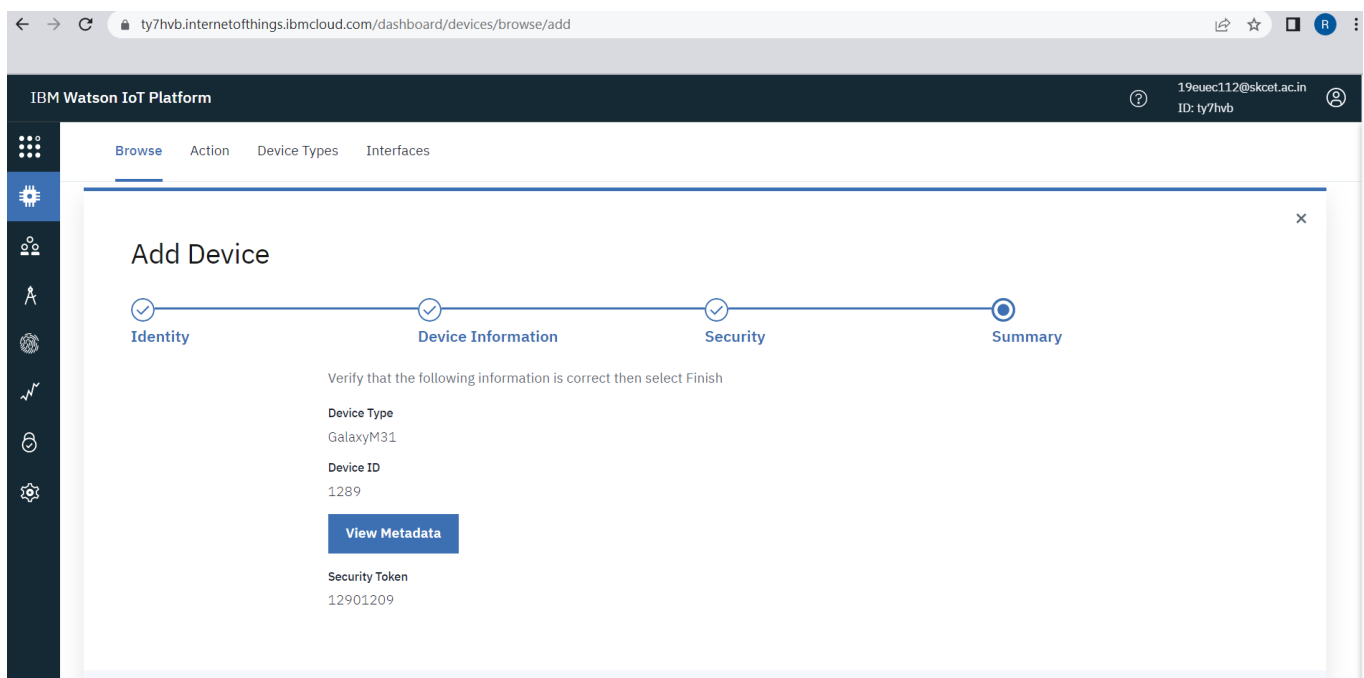


Step 4: It redirect you to IBM WATSON platform where you need to click sign in

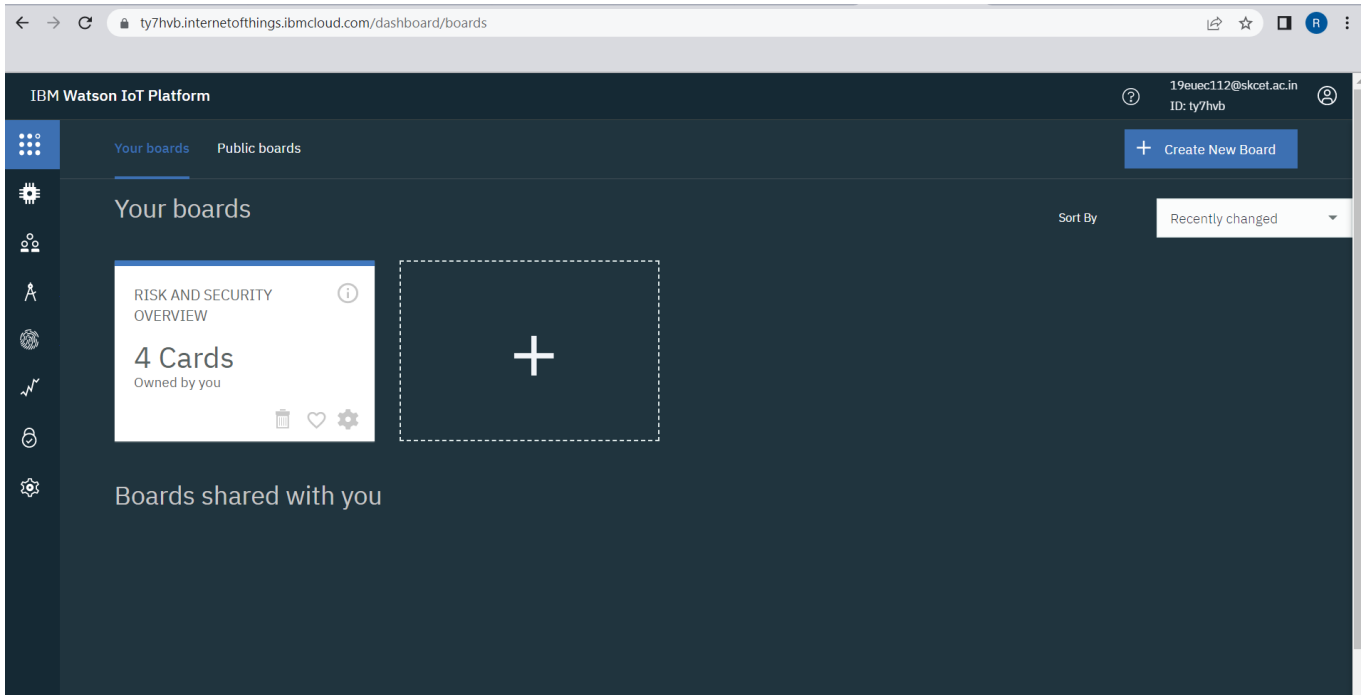




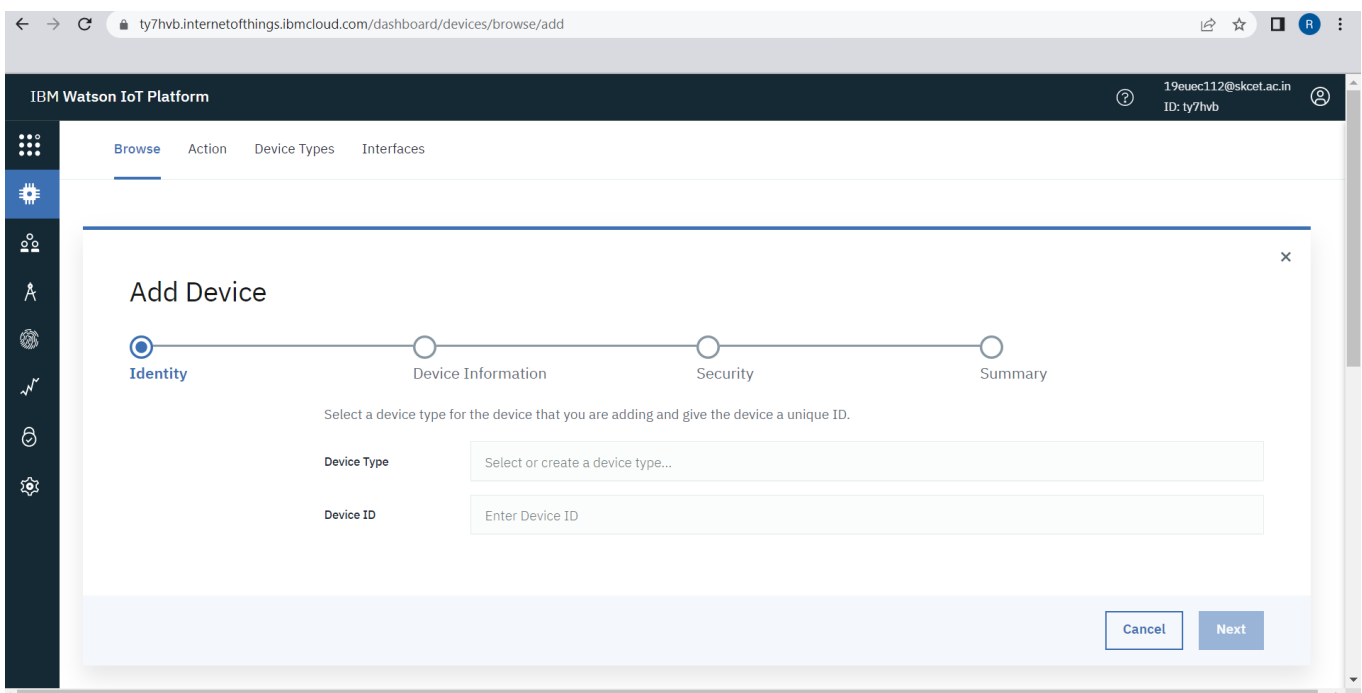
Step 6: where you find this tab which is used to add device, app, member, usage, and security can be worked



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

