

Hazardous Area Monitoring For Industrial Plant Powered By IoT

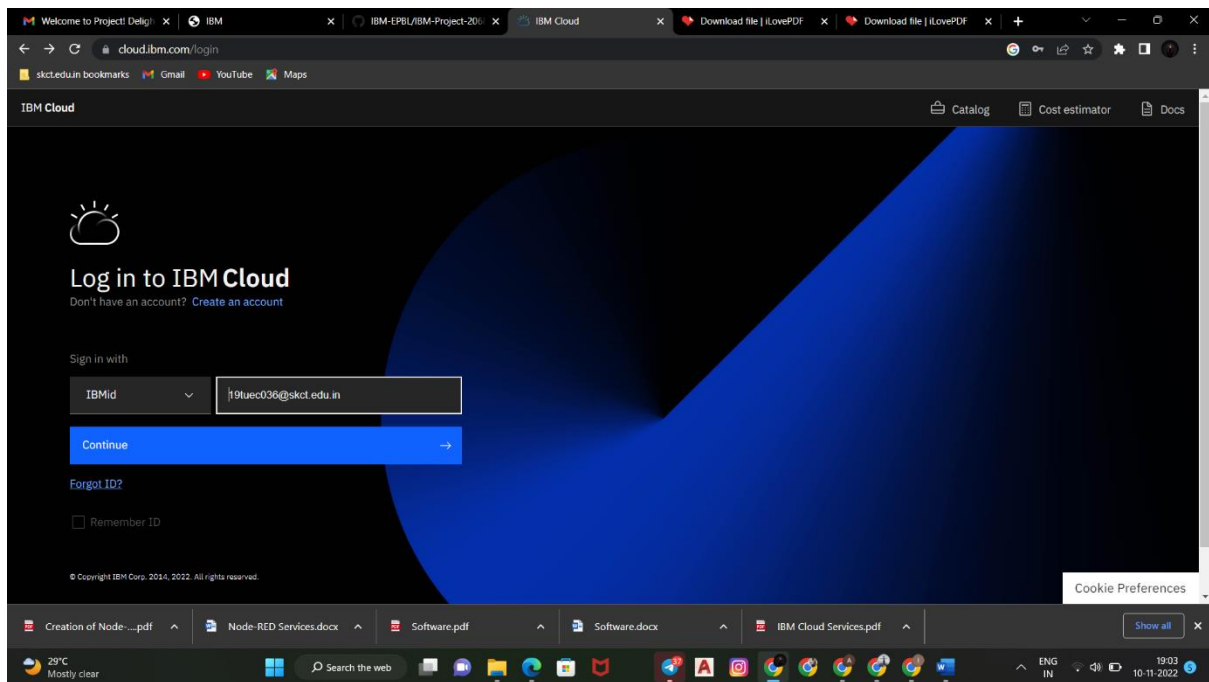
IBM NALAIYATHIRAN

Create and Configure IBM Cloud Services

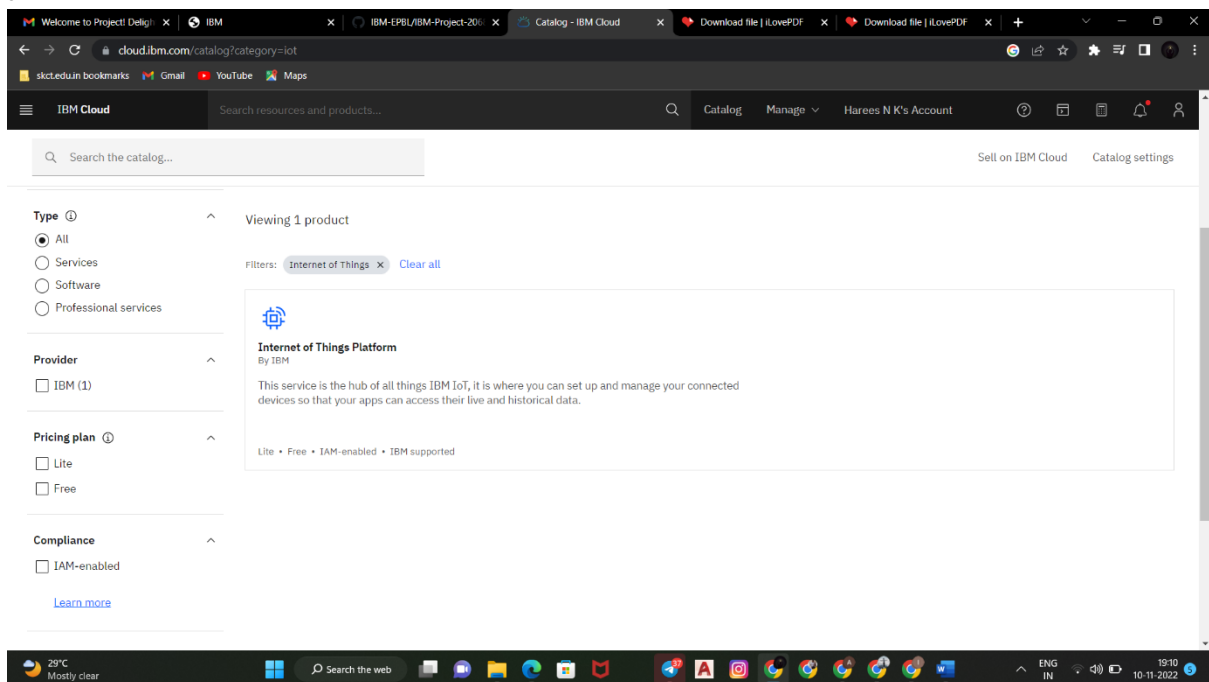
Create the IBM Watson IoT Platform and a Device

TITLE	Hazardous Area Monitoring For Industrial Plant Powered By IoT
DOMAIN NAME	INTERNET OF THINGS
TEAM ID	PNT2022TMID20013
LEADER NAME	ARAVINTH S
TEAM MEMBER NAME	AJAY R HAREES N K JEROSH C DANIEL R
MENTOR NAME	THIRRUNAVUKKARASU R R

Step1: Log in your registered id



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



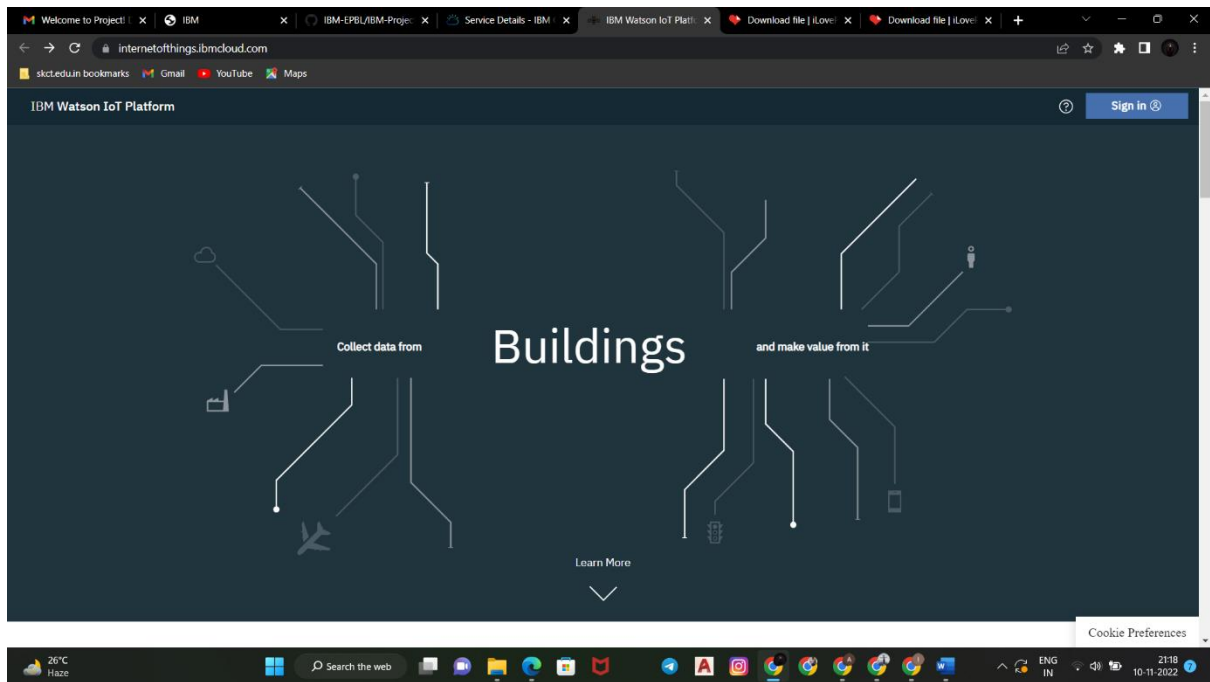
Step 3: click create and the launch tab get open, then click launch

The screenshot shows the IBM Cloud catalog page for the Internet of Things Platform. The page 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." The "Create" tab is selected, and the "Select a location" dropdown is set to "Frankfurt (eu-de)". The "Select a pricing plan" section shows a table with one plan, "Lite", which is free. The table has columns for Plan, Features, and Pricing. The "Lite" plan includes up to 500 registered devices and a maximum of 200 MB of each data metric. The "Create" button is visible in the bottom right corner.

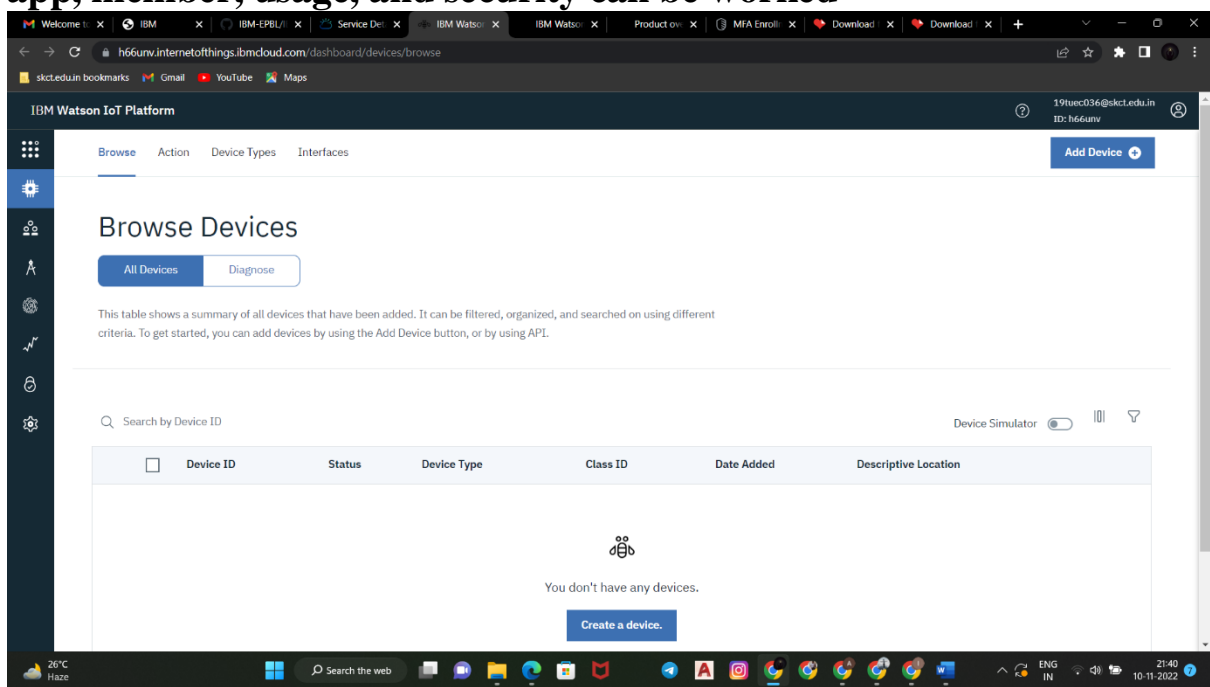
Plan	Features	Pricing
Lite	Includes up to 500 registered devices, and a maximum of 200 MB of each data metric Maximum of 500 registered devices Maximum of 500 application bindings Maximum of 200 MB of each of data exchanged, data analyzed and edge data analyzed	Free

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

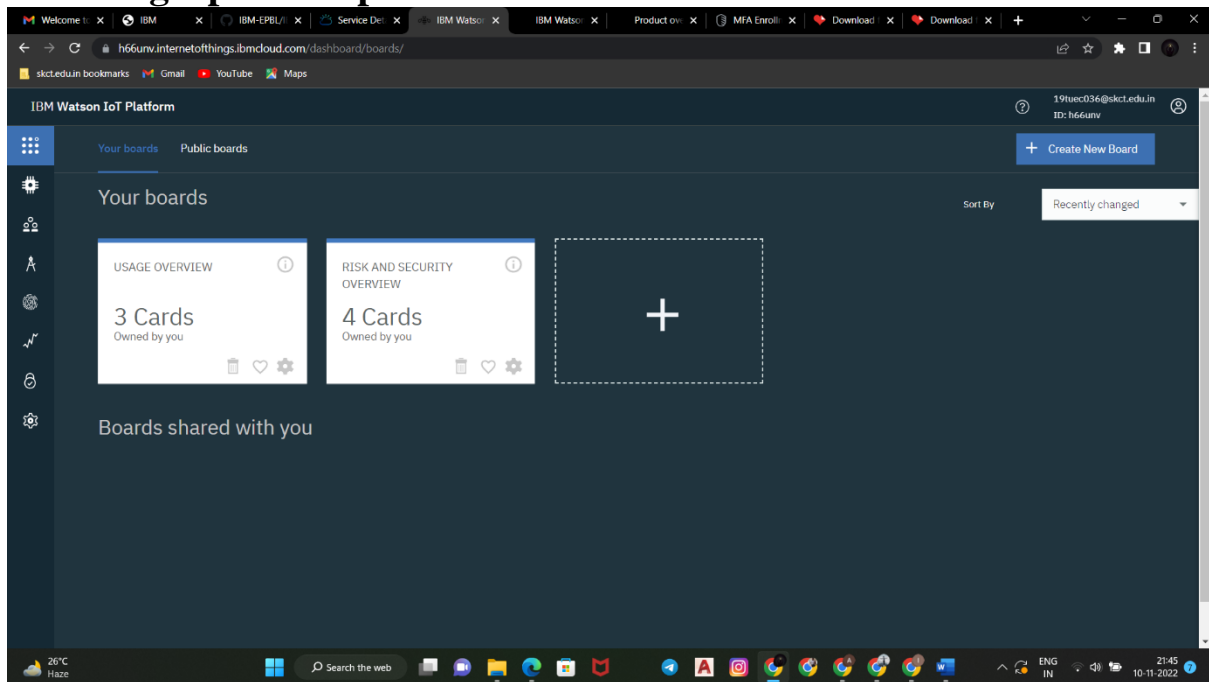
The screenshot shows the IBM Watson IoT Platform landing page. The page features a large graphic with the text "Collect data from Equipment and make value from it". The "Sign in" button is visible in the top right corner. The page also includes a "Learn More" link at the bottom center.



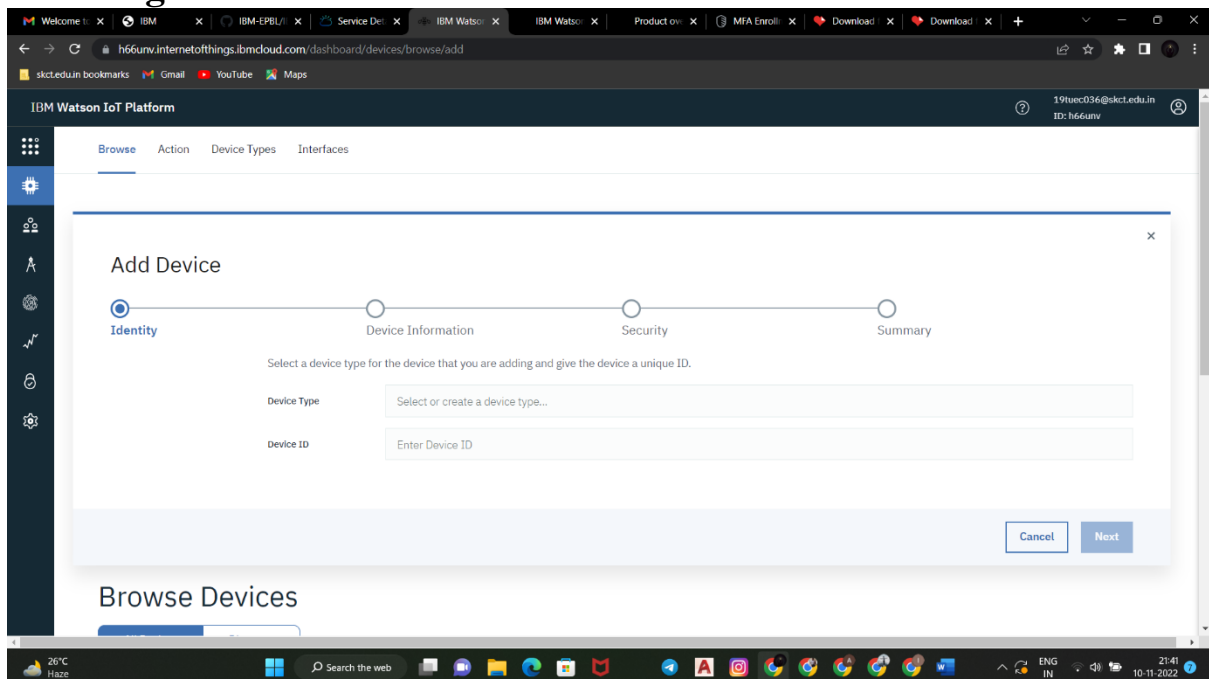
Step 5: where you find this tab which is used to add device, app, member, usage, and security can be worked



Step 6: check boards for risk and security overview card, it uses for graphical representation boards



Step 7: 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 8: created a device of NodeMCU

h66unv.internetofthings.ibmcloud.com/dashboard/devices/drilldown/NodeMCU:12345?returnTo=/devices/browse

skt.edu.in bookmarks Gmail YouTube Maps

IBM Watson IoT Platform19tuec036@skt.edu.inID: h66unv

← Back

Device Drilldown - 12345

Device Credentials

Connection Information

Recent Events

State

Device Information

Metadata

Diagnostics

Connection Logs

Device Actions

Device Credentials

You registered your device to the organization. Add these credentials to the device to connect it to the platform. After the device is connected, you can navigate to view connection and event details.

Organization ID	h66unv
Device Type	NodeMCU
Device ID	12345
Authentication Method	use-token-auth
Authentication Token	12345678

⚠ Authentication tokens are non-recoverable. If you misplace this token, you will need to re-register the device to generate a new authentication token.

[Find out how to add these credentials to your device](#)

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