

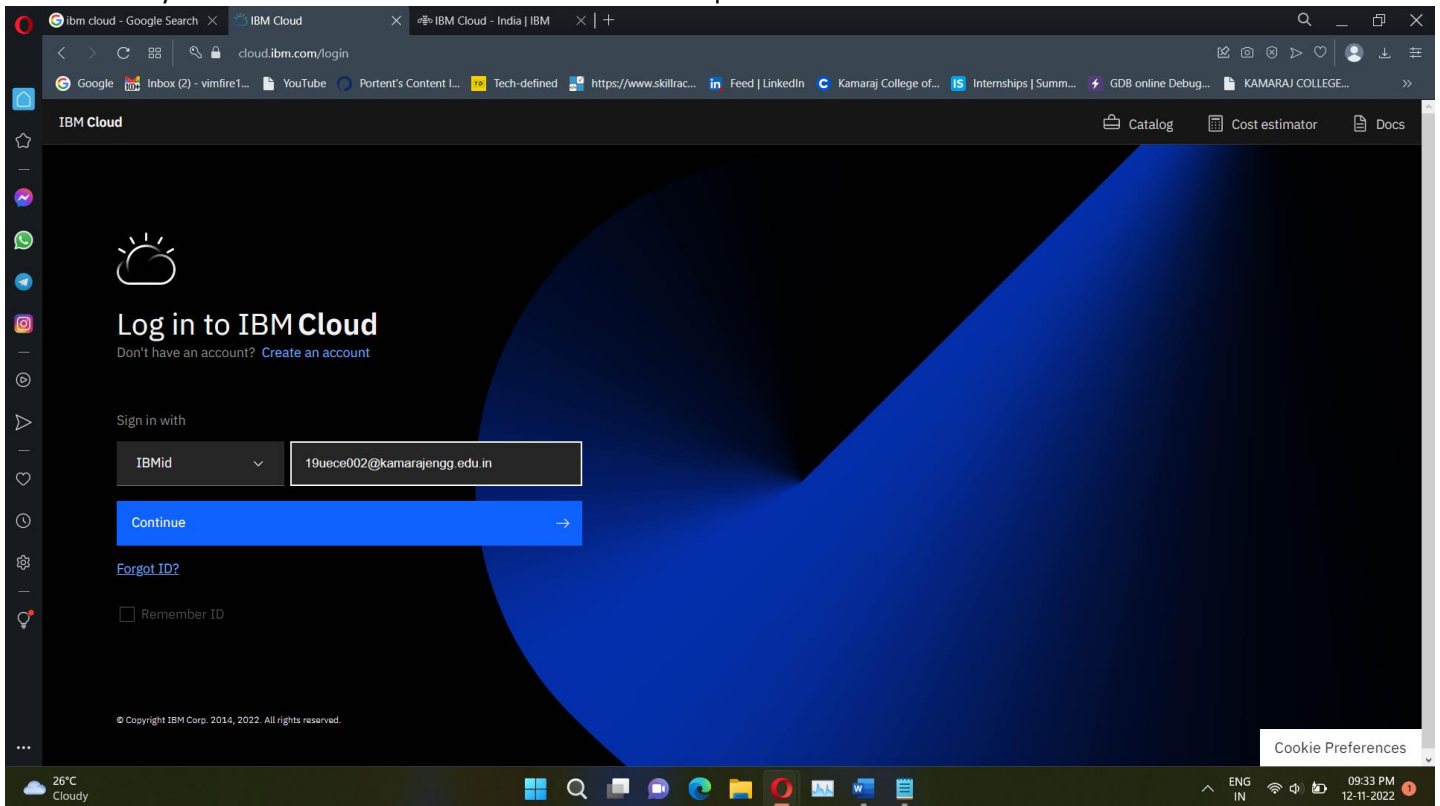
CREATE IBM WATSON IOT PLATFORM AND DEVICE

AIM:

To create the IBM Watson IoT platform and device

STEPS:

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



2. Home page of IBM cloud.

The screenshot displays the IBM Cloud home page dashboard. At the top, a browser window shows the URL 'cloud.ibm.com' and a search bar. The dashboard header includes the 'IBM Cloud' logo, a search bar, and navigation links for 'Catalog', 'Manage', and the user's account 'Sivadharshan K's Acco...'. A 'Create resource' button is prominently displayed in blue. The main section, titled 'Dashboard', features a 'For you' grid of six cards. The first card, 'Build', is highlighted in blue and white. The other five cards are dark gray with white text and icons, each offering a 'Getting started' or 'Recommended' path with a time estimate. Below the grid, there are four sections: 'News' (with a 'View all' link), 'Recent support cases' (with a 'View all' link), 'Planned maintenance' (with a 'View all' link), and 'IBM Cloud status' (with a 'View all' link). The status section shows a world map with a blue overlay. The bottom of the screen shows a Windows taskbar with the date '12-11-2022' and time '09:35 PM'.

IBM Cloud

Search resources and products...

Catalog Manage Sivadharshan K's Acco...

Dashboard

Edit dashboard Upgrade account Create resource

For you

Select an option

Build

Explore IBM Cloud with this selection of easy starter tutorials and services.

Build a web app with Watson Speech to Text

Deploy a conversational interface compatible with any application, device, or channel.

Getting started 15 min

Build a Virtual Private Cloud (VPC)

Upgrade to a paid account to create your own protected space in the IBM Cloud.

Getting started 7 min

Get started with Watson Discovery

Get up to speed on Watson Discovery with step-by-step tutorials, deep-dive videos, and complete examples of working code.

Recommended 2 hr

IBM Watson Knowledge Catalog

Help your data citizens easily find, prepare, understand and use the data they need through an enterprise data catalog & governance platform.

Recommended 2 min

Get Started with Watson Studio

Get started with using AI and Cloud Object Storage in 15 minutes.

Popular 2 h

News View all

WebSphere Application Server Support Restatement

IBM Adds Lifecycle Services to Enterprise Networking and Deepens Strategic Partnership with Cisco

Recent support cases View all

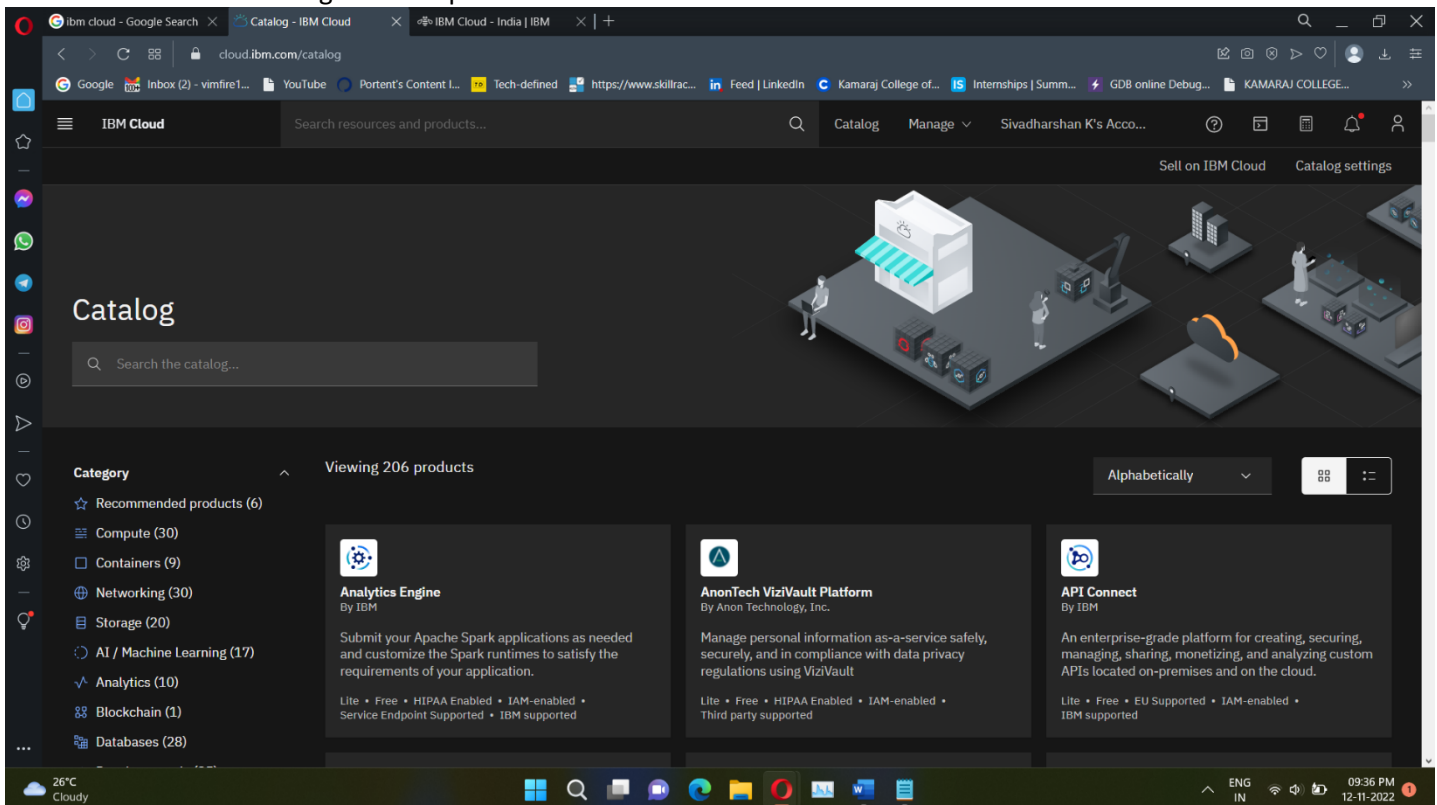
Planned maintenance View all

IBM Cloud status View all

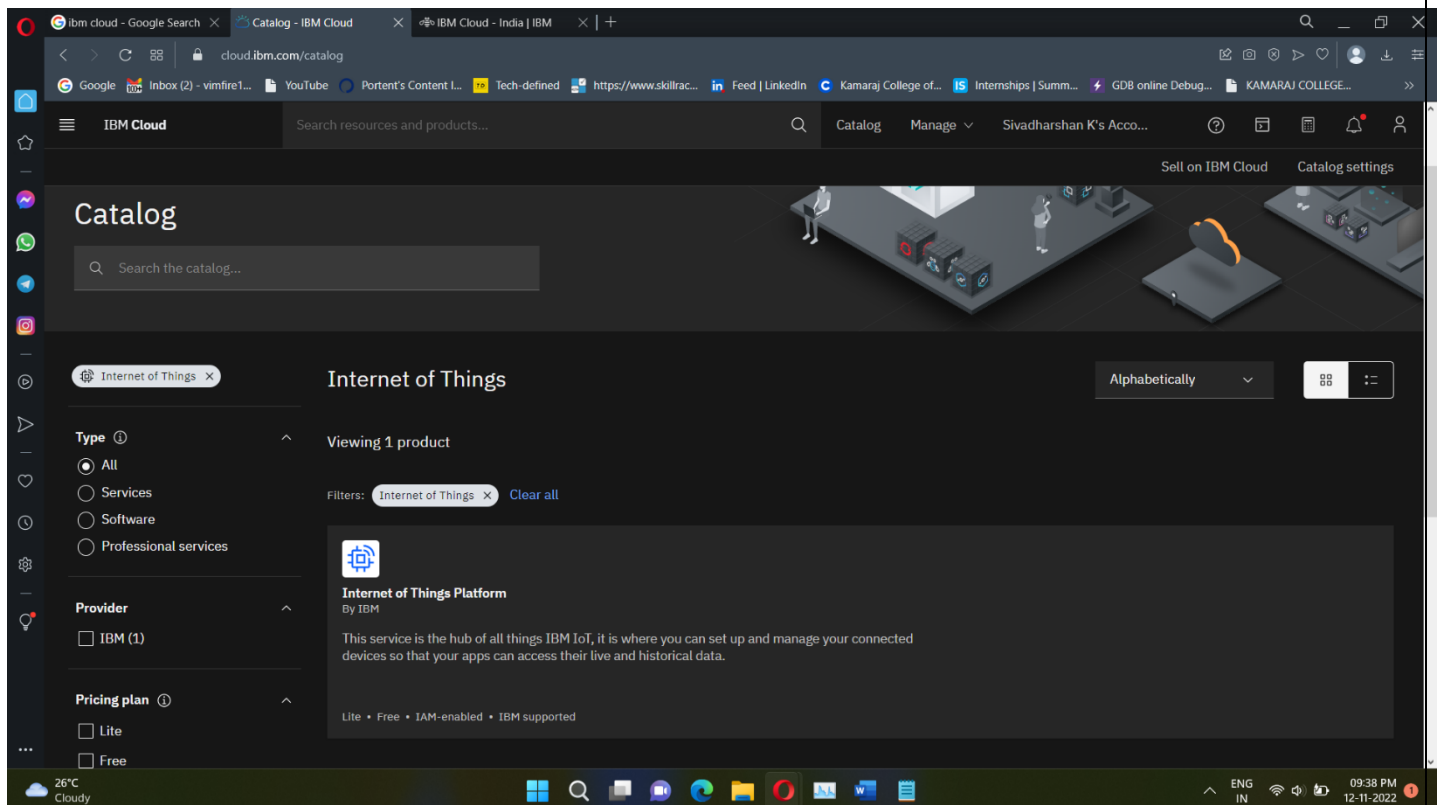
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3. Click on the catalog on the top.



4. Click on Internet of things in the category mentioned.



5. If already a lite is present delete it, or else u can't create another.

The screenshot shows the IBM Cloud catalog page for the Internet of Things Platform. The 'Lite' plan is selected, which is a free plan. The page includes a summary section on the right and a configuration section at the bottom.

Select a pricing plan
Displayed prices do not include tax. Monthly prices shown are for country or location: [United States](#)

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

The Lite service plan for Internet of Things Platform includes up to 500 registered devices, and a maximum of 200 MB each of data exchanged, data analyzed, and edge data analyzed per month.
Lite plan services are deleted after 30 days of inactivity.

Configure your resource

Service name:

Select a resource group:

Summary

Internet of Things Platform **Free**

Location: Frankfurt
Plan: Lite
Service name: Internet of Things Platform-ih
Resource group: Default

☐ I have read and agree to the following license agreements:
[Terms](#)

Tags:

Access management tags:

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6. Enter the location and in the configure your resource type the service name and choose the plan, tick the agree with agreements and then click on create.

The screenshot displays the IBM Cloud console interface. The top navigation bar includes the IBM Cloud logo, a search bar, and links for Catalog, Manage, and the user profile (Sivadharshan K's Acco...). The left sidebar shows the Resource list with the selected resource 'Internet of Things Platform-fh' marked as 'Active'. Below this, the 'Manage' section is expanded, showing options for Plan and Connections. The main content area features a large graphic of a central node connected to various devices, with the heading 'Let's get started with IBM Watson IoT Platform'. Below this, a section titled 'Ready for the next level?' introduces the 'IBM Watson IoT Platform Journey' with three stages: Lite, Non-Production, and Production. Each stage has a brief description of the service plan. The Lite plan is selected, indicated by a checkmark. The bottom of the screen shows a Windows taskbar with the date and time (09:44 PM 12-11-2022) and system status icons.

IBM Cloud

Search resources and products...

Resource list /

Internet of Things Platform-fh Active [Add tags](#)

[Details](#) [Actions...](#)

Manage

Plan

Connections

Let's get started with IBM Watson IoT Platform

Securely connect, control, and manage devices. Quickly build IoT applications that analyze data from the physical world.

[Launch](#) [Docs](#)

Ready for the next level?

IBM Watson IoT Platform Journey

☒ **Lite**

The Lite service plan provides a lightweight development environment to get you started with the connectivity capabilities of Watson IoT Platform.

☐ **Non-Production**

The Non-Production service plan is a full-featured, fully-integrated offering that enables you to explore Watson IoT Platform to see how the service can fit into your IoT environment.

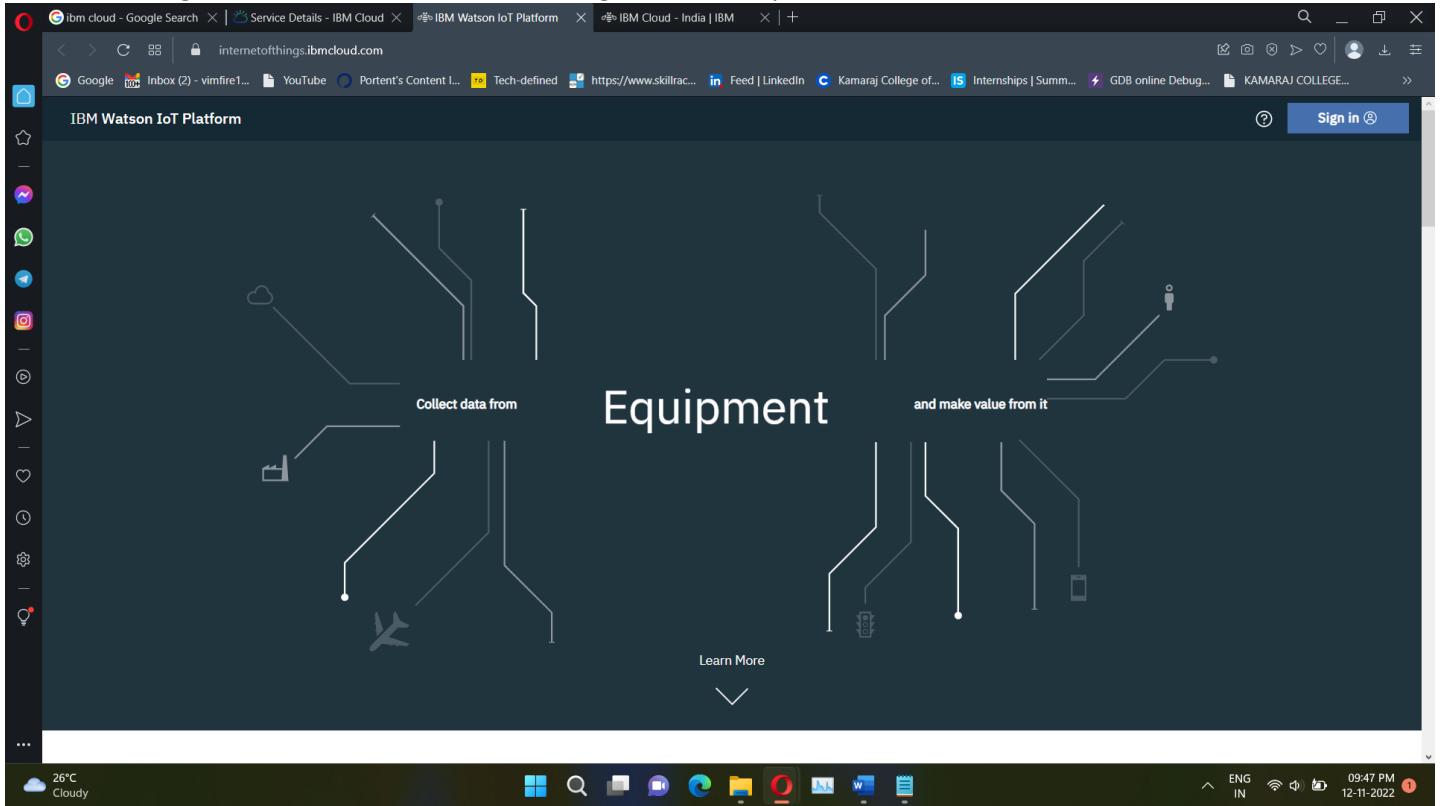
☐ **Production**

The Production service is a fully managed SaaS offering that enables you to manage and analyze enterprise IoT data.

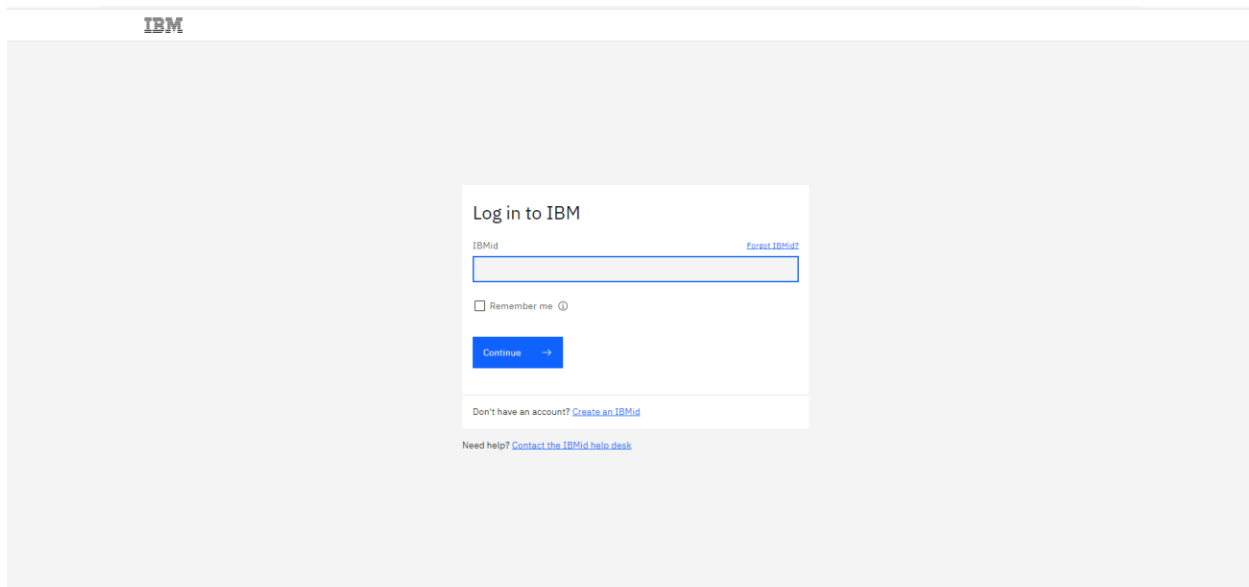
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7. Clicking on the launch button in the manage tab, it will open to this.

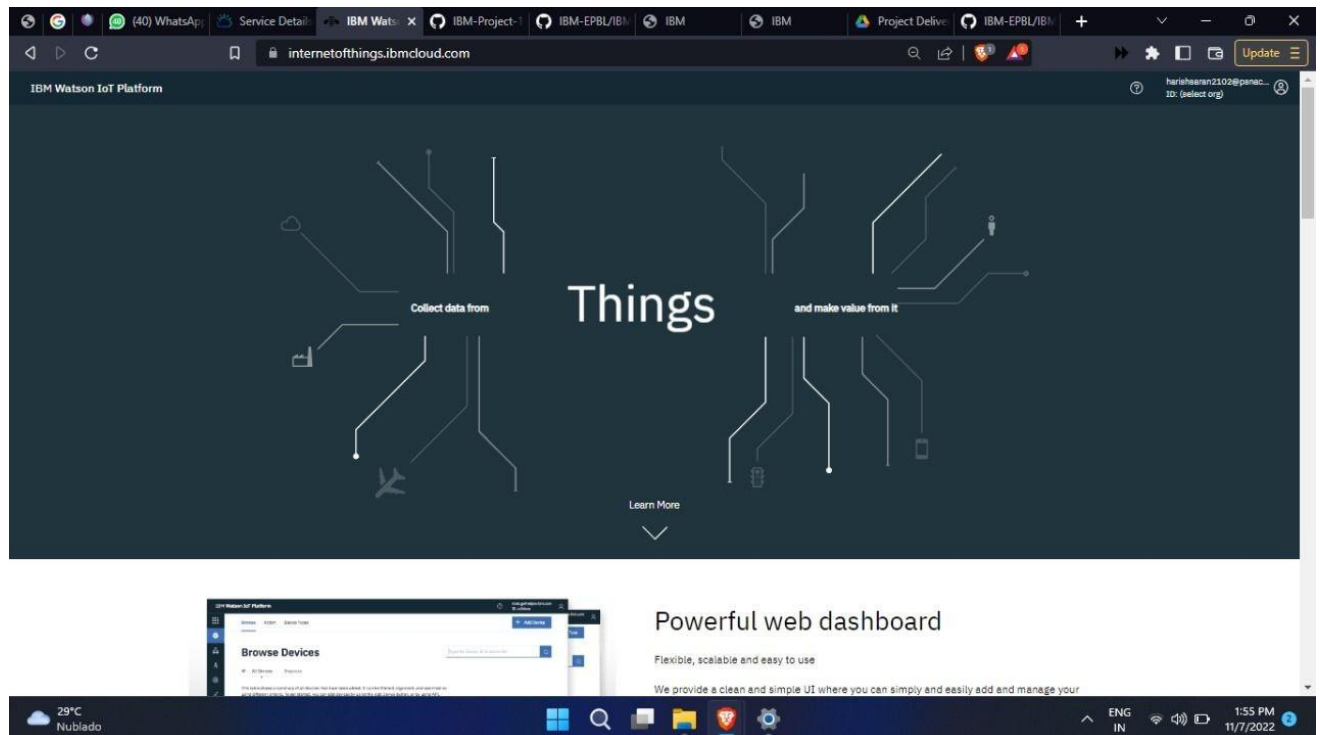


8. Enter the details to sign in to the Watson Cloud to create a device.



The image shows the IBM login page. At the top left is the IBM logo. The main heading is "Log in to IBM". Below it is a text input field for the IBMid, with a link "Forgot IBMid?" to its right. Under the input field is a checkbox labeled "Remember me" with an eye icon. Below the checkbox is a blue "Continue" button with a right-pointing arrow. At the bottom of the form, there is a link "Don't have an account? Create an IBMid". Below the form, there is a link "Need help? Contact the IBMid help desk".

9. Once logged in the name will be displayed and it goes back to the first page.

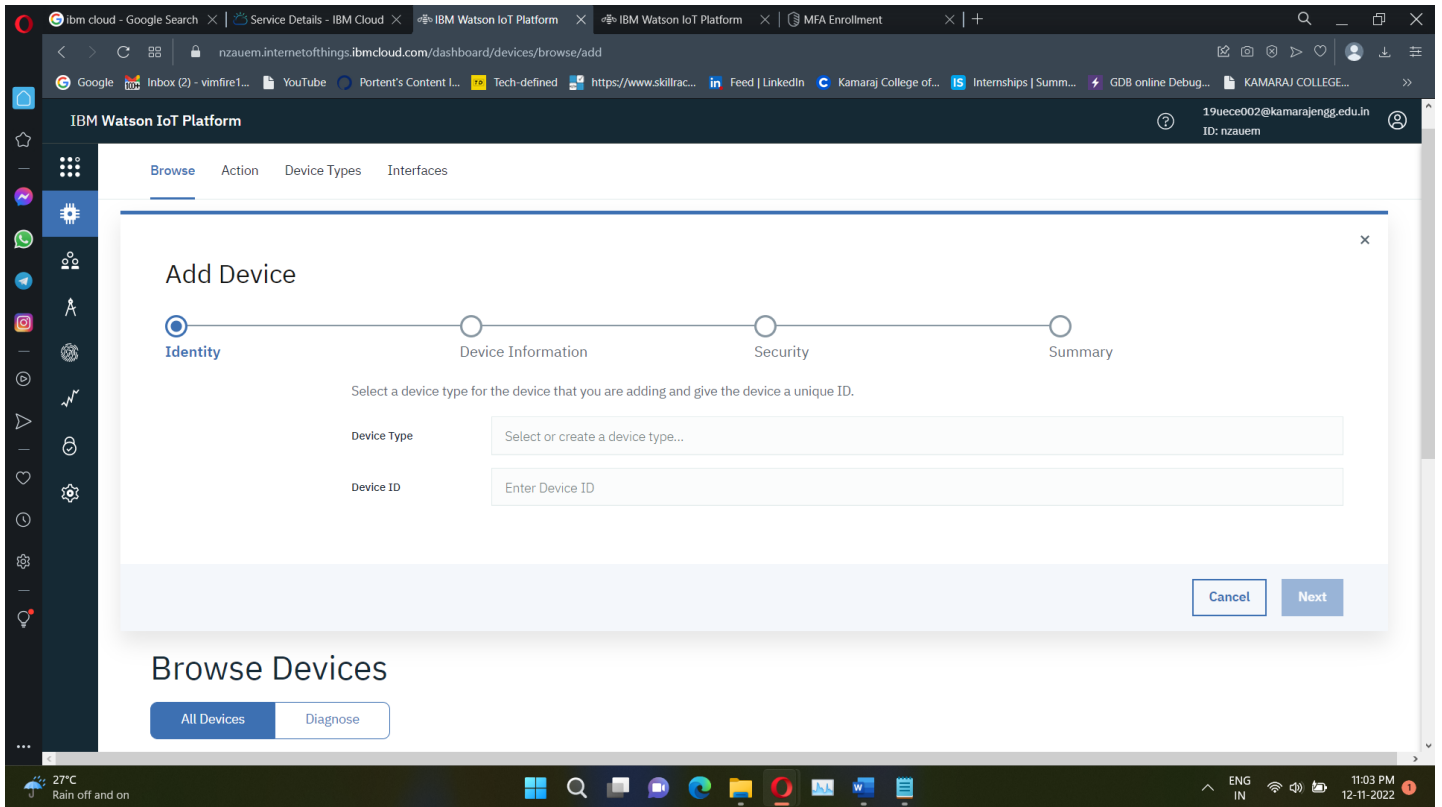


10. And again clicking on the launch button will open this tab, the device will help in the creation of the devices, the addition of devices, and the display of details of the devices.

The screenshot shows the 'Browse Devices' page in the IBM Watson IoT Platform. The page has a dark sidebar with navigation icons and a main content area. At the top right of the main area is an 'Add Device' button. Below the navigation bar, there are tabs for 'Browse', 'Action', 'Device Types', and 'Interfaces'. The 'Browse' tab is active. The main heading is 'Browse Devices'. Below it are two buttons: 'All Devices' (selected) and 'Diagnose'. A paragraph explains that the table shows a summary of all devices and can be filtered, organized, and searched. Below this is a search bar labeled 'Search by Device ID' and a 'Device Simulator' toggle. A table with columns 'Device ID', 'Status', 'Device Type', 'Class ID', 'Date Added', and 'Descriptive Location' is shown, but it is empty. Below the table is a message 'You don't have any devices.' and a 'Create a device.' button. The bottom of the screen shows a Windows taskbar with various application icons and a system tray with weather, language, and time information.

11. The setting tab is used to change the general setting if needed for the project.

The screenshot shows the 'General Settings' page in the IBM Watson IoT Platform. The page has a dark sidebar with navigation icons and a main content area. At the top right of the main area is a user profile icon. Below the navigation bar, there are tabs for 'General Settings', 'About', 'Identity', 'Experimental Features', 'Last Event Cache', 'Client Connection State', and 'API'. The 'General Settings' tab is active. The main heading is 'General Settings'. Below it is a paragraph explaining that users can see and modify global organization information and locally enable experimental Watson IoT Platform features. Below this is a sidebar with categories: 'PLATFORM', 'DATA AND DEVICES', and 'SECURITY'. Under 'PLATFORM', there are links for 'About', 'Identity', 'Experimental Features', 'Last Event Cache', 'Client Connection State', and 'API'. The 'About' link is selected. The main content area shows 'About' and 'Identity' sections. The 'About' section includes 'Date Created' (11/12/2022), 'Organization Type' (Bluemix Free), and 'Geographic Location' (eu-de). The 'Identity' section includes 'Organization ID' (nzaudem) and 'Friendly Name' (nzaudem). The bottom of the screen shows a Windows taskbar with various application icons and a system tray with weather, language, and time information.



RESULT:

An IBM Watson cloud for IoT and a device was created.

