

Pre Requisites

Project Title	SmartFarmer – IoT Enabled Smart Farming Application
Team ID	PNT2022TMID26062
Content	IBM Cloud Service

STEP 1:

Type IBM Cloud in Google and click on the first link.

The screenshot shows a Google search interface with the query "ibm cloud" entered in the search bar. The search results page displays "About 20,70,00,000 results (0.48 seconds)". The first result is an advertisement for IBM Cloud, with the URL "https://www.ibm.com/cloud/computing". The ad text describes IBM Cloud as a robust suite of advanced data and AI tools, trusted by thousands of enterprises. Below the ad, there are four links: "Watson AI", "IBM Let's Create", "Chat with IBM Sales", and "Modernise Hybrid Cloud", each with a brief description. On the right side of the search results, there is a large featured image for IBM Cloud. The image contains the IBM Cloud logo, a diagram of cloud services, and a person interacting with a cloud interface. Below the image, the text "IBM cloud computing" is displayed, followed by "Computer software" and a brief description: "IBM cloud computing is a set of cloud computing services for business offered by the information".

Google

ibm cloud

Q All News Images Videos Books More Tools

About 20,70,00,000 results (0.48 seconds)

Ad · <https://www.ibm.com/cloud/computing>

IBM Cloud® - Cloud Computing

A robust suite of advanced data and AI tools, and deep industry expertise. Discover a faster, more secure journey to **cloud** trusted by thousands of enterprises. Enterprise-Grade **Cloud**. Chat, Call, or Email **IBM**. Types: Full Stack **Cloud** Platform, Hybrid **Cloud**, Developer Tools.

Watson AI
Bring AI Tools and Apps to Your Data Wherever It Resides.

IBM Let's Create
Bringing Together the Technology & Expertise for a New Way to Create.

Chat with IBM Sales
Chat, Call, or Email IBM To Discuss Your Business Needs Today.

Modernise Hybrid Cloud
Let's Create Cloud Management That Requires Less Management.

IBM Cloud

IBM Cloud® delivers by public, private or hybrid models

Cloud services and resources
Cloud management
Cloud development
Cloud security
Cloud architecture
Cloud operations
Cloud integration
Cloud migration
Cloud optimization
Cloud compliance
Cloud governance
Cloud cost management
Cloud risk management
Cloud resilience
Cloud sustainability
Cloud social responsibility
Cloud transparency
Cloud trust
Cloud ethics
Cloud privacy
Cloud security
Cloud compliance
Cloud governance
Cloud cost management
Cloud risk management
Cloud resilience
Cloud sustainability
Cloud social responsibility
Cloud transparency
Cloud trust
Cloud ethics
Cloud privacy

More images

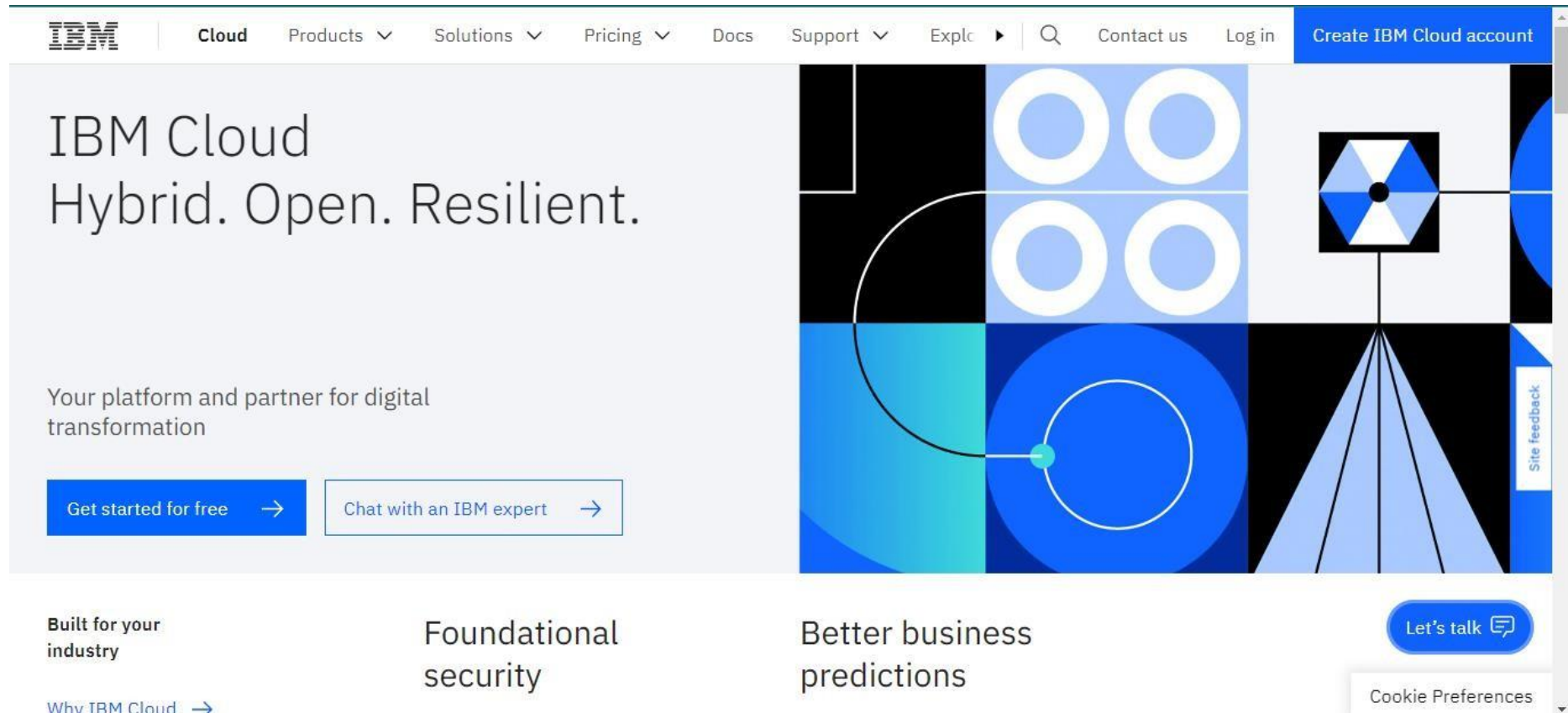
IBM cloud computing

Computer software

IBM cloud computing is a set of cloud computing services for business offered by the information

STEP 2:

Click on create IBM Cloud Account Now and enter the details.



The screenshot shows the IBM Cloud website homepage. The top navigation bar includes the IBM logo, links for Cloud, Products, Solutions, Pricing, Docs, Support, and Explore, a search icon, and links for Contact us, Log in, and a prominent blue button labeled "Create IBM Cloud account". The main hero section features the text "IBM Cloud Hybrid. Open. Resilient." and "Your platform and partner for digital transformation". Below this text are two buttons: "Get started for free" and "Chat with an IBM expert". The background of the hero section is a light blue with abstract geometric shapes in black, white, and blue. The footer section contains three columns: "Built for your industry" with a link "Why IBM Cloud", "Foundational security", and "Better business predictions". On the right side of the footer, there is a blue button labeled "Let's talk" and a link for "Cookie Preferences". A vertical "Site feedback" link is also visible on the right edge of the main content area.

IBM Cloud
Hybrid. Open. Resilient.

Your platform and partner for digital transformation

Get started for free → Chat with an IBM expert →

Built for your industry
Why IBM Cloud →

Foundational security

Better business predictions

Let's talk

Cookie Preferences


Site feedback

STEP 3:

You will get the email with your password. Type your mail Id and the password then click on the login button.

IBM Cloud

Catalog Cost estimator Docs



Log in to IBM Cloud

Don't have an account? [Create an account](#)

Sign in with

IBMid

Continue →

[Forgot ID?](#)

☐ Remember ID

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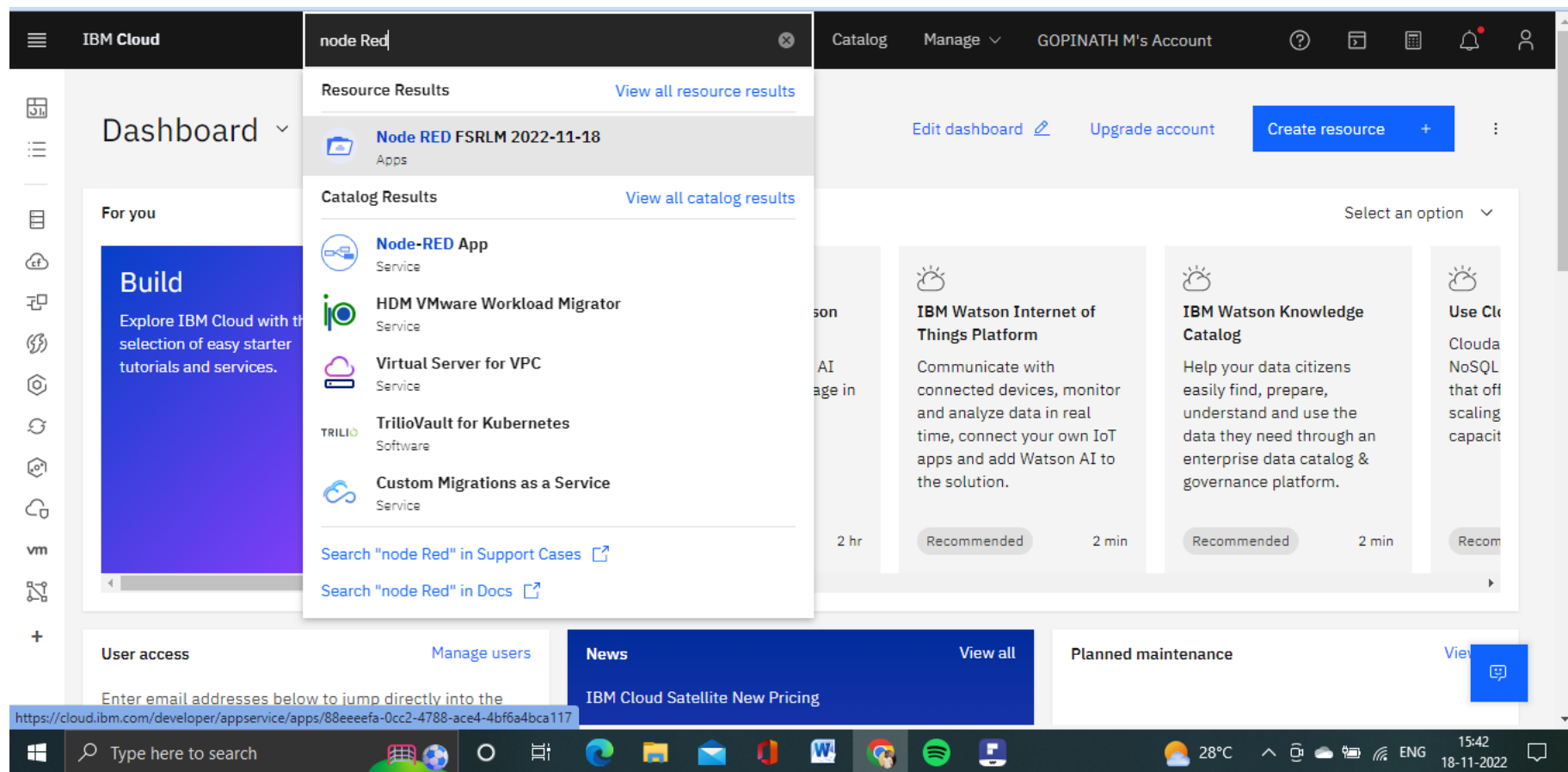
Type here to search

Satis... ENG 15:41 18-11-2022

STEP 4:

Now you are in Dashboard

From Dashboard you can now navigate IBM IoT Platform by searching in search bar.



STEP 5:

Click on Internet of Things Platform and then create your platform by clicking create. Note:- Change your location to London.

The screenshot shows the IBM Cloud catalog page for the Internet of Things Platform. The browser address bar shows the URL `cloud.ibm.com/catalog/services/internet-of-things-platform`. The page header includes the IBM Cloud logo, a search bar, and navigation links for Catalog, Manage, and the user account (GOPINATH M's Account). 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 the title, there are two tabs: "Create" (active) and "About". The "Create" tab shows a form to select a location and a pricing plan. The location dropdown is set to "Frankfurt (eu-de)". The pricing plan section shows a table with columns "Plan", "Features", and "Pricing". The "Lite" plan is selected, which includes up to 500 registered devices and a maximum of 1000 data points per device per day. The pricing is listed as "Free". On the right side, there is a "Summary" panel showing the service name, location, plan, and resource group. At the bottom, there is a "Create" button and an "Add to estimate" button. The footer shows the Windows taskbar with various application icons and the system clock indicating 16:34 on 18-11-2022.

cloud.ibm.com/catalog/services/internet-of-things-platform

IBM Cloud

Search resources and products...

Catalog Manage GOPINATH M's Account

Catalog /

Internet of Things Platform

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

Type Service

Provider IBM

Last updated 08/15/2022

Category Internet of Things

Compliance IAM-enabled

Select a location

Frankfurt (eu-de)

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	Free

Summary

Internet of Things Platform Free

Location: Frankfurt

Plan: Lite

Service name: Internet of Things Platform-rj

Resource group: Default

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

Create

Add to estimate

MIT App Inventor.pdf MIT App Inventor.pdf FAST2SMS.pdf IBM Cloud Service.pdf Python Script.pdf Show all

Type here to search

16:34 18-11-2022

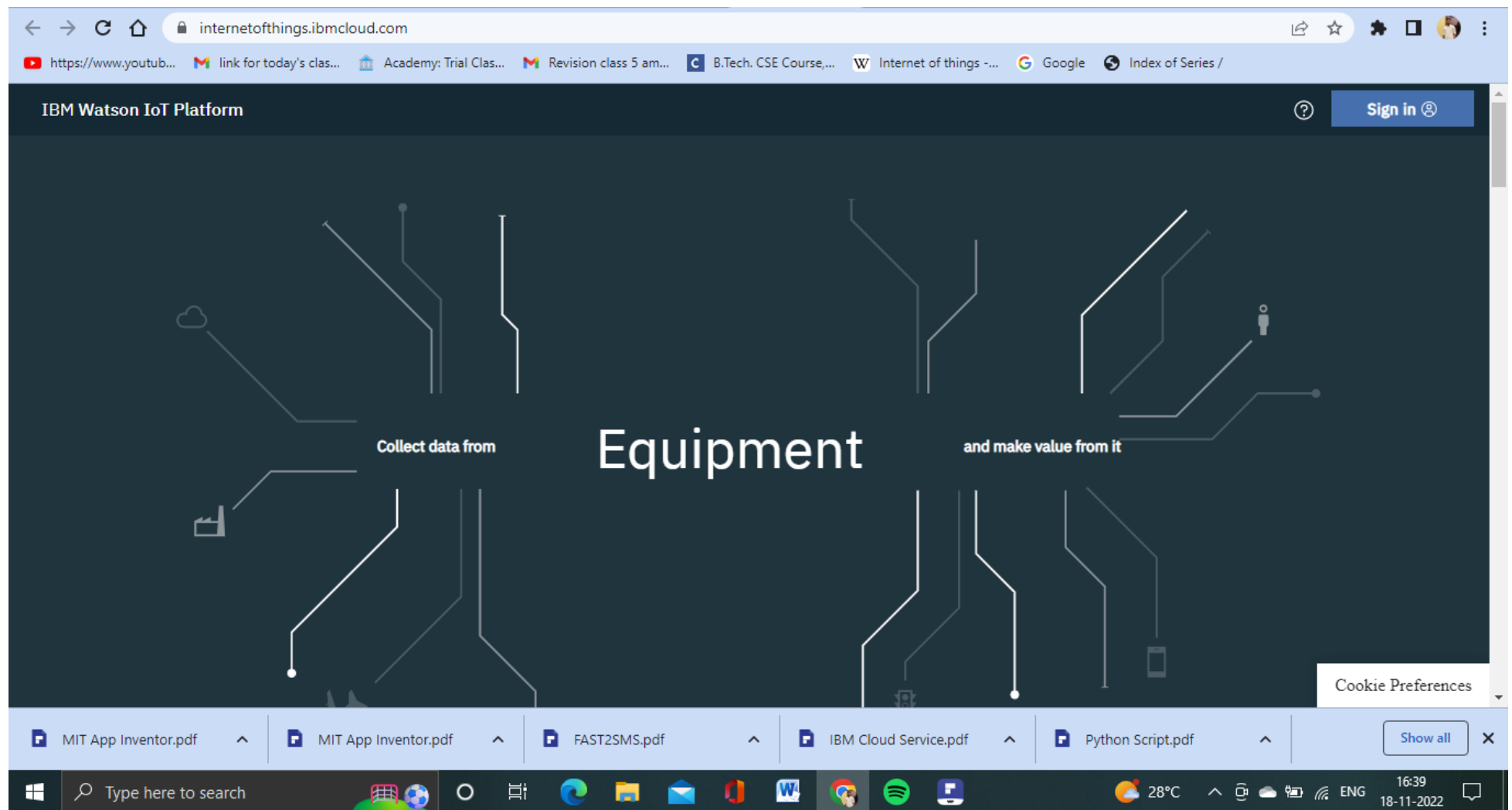
STEP 6:

Now Click Launch to launch your platform.

The screenshot displays the IBM Cloud console interface. At the top, the navigation bar includes the IBM Cloud logo, a search bar, and user account details for 'GOPINATH M's Account'. The main content area is titled 'Internet of Things Platform-rj' and shows a status of 'Active'. A sidebar on the left contains links for 'Manage', 'Plan', and 'Connections'. The central panel features a large graphic of a central square with four 'U' shaped connectors, and text that reads 'Let's get started with IBM Watson IoT Platform'. Below this, there is a 'Launch' button and a 'Docs' button. At the bottom, there is a section titled 'Ready for the next level?' with a link to 'IBM Watson IoT Platform Journey'. The bottom taskbar shows several open PDF files and system icons.

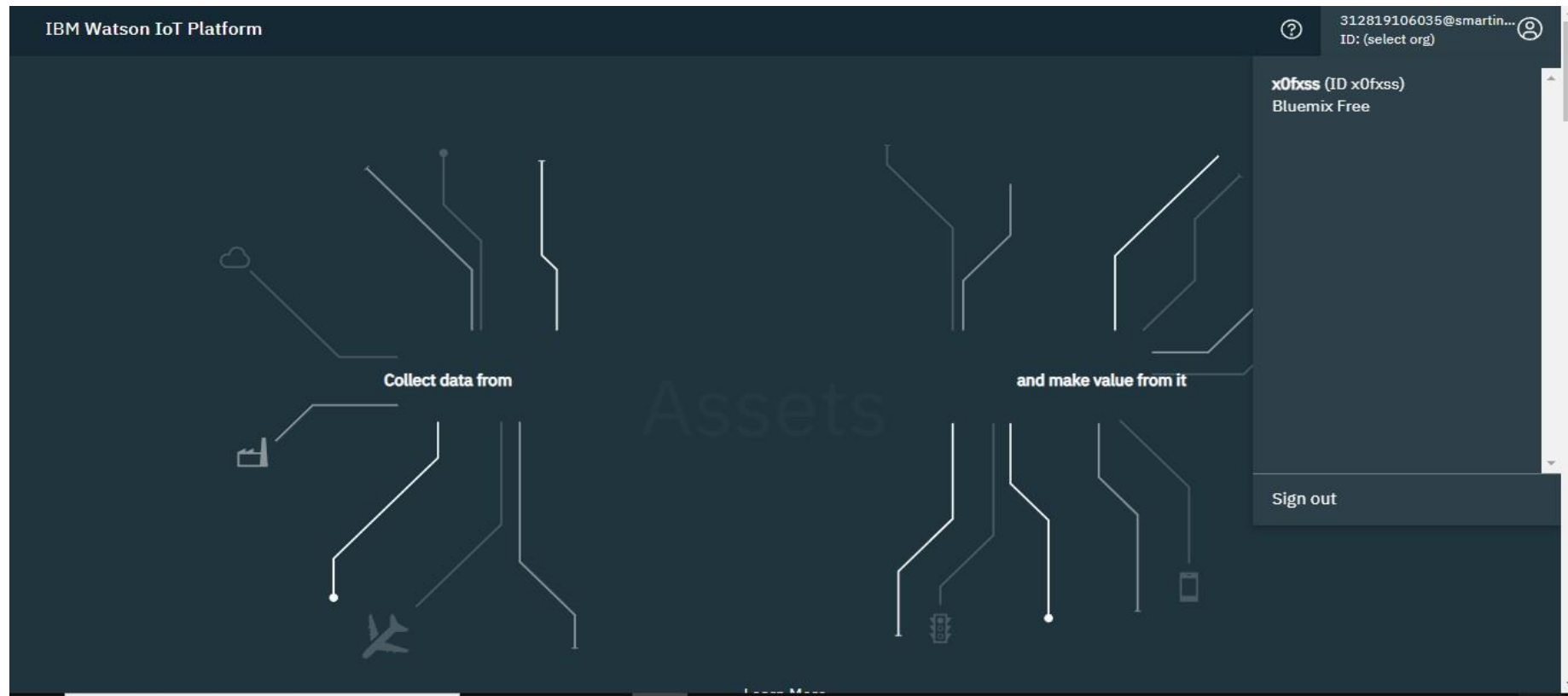
STEP 7:

Now Click Launch to launch your platform.



STEP 8:

Now Click your profile and then select Organisation.



STEP 9:

Now you can create your device by Devices>Add Device.

IBM Watson IoT Platform

312819106035@smartinternz.com
ID: x0fxss

Boards

Devices

Members

Apps

Access Management

Usage

Security

Settings

Device Types

Interfaces

Add Device +

All Devices

Diagnose

a summary of all devices that have been added. It can be filtered, organized, and searched on using different
started, you can add devices by using the Add Device button, or by using API.

Device ID

Device Simulator ☐

Device ID	Status	Device Type	Class ID	Date Added
123	Disconnected	Arduino	Device	20 Oct 2022 14:33
1234	Disconnected	Noder	Device	24 Oct 2022 09:50

IBM Watson IoT Platform

?

312819106035@smartinternz.com

ID: x0fxss

Browse

Action

Device Types

Interfaces

Add Device +

Browse Devices

All Devices

Diagnose

This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different criteria. To get started, you can add devices by using the Add Device button, or by using API.

Search by Device ID

Device Simulator ☐

	Device ID	Status	Device Type	Class ID	Date Added
>	123	Disconnected	Arduino	Device	20 Oct 2022 14:33
>	1234	Disconnected	Noder	Device	24 Oct 2022 09:50



STEP 10:

You can create your API Key by Apps > Generate API Key. While creation choose Application as **Standard Application**.

The screenshot displays the 'Browse API Keys' interface in the IBM Watson IoT Platform. The top navigation bar includes the platform name, a user profile icon, and the user ID '312819106035@smartinternz.com' with 'ID: x0fxss'. A sidebar on the left contains various icons, with the 'API Keys' icon highlighted. The main content area features a 'Browse API Keys' heading, a search bar, and a table of API keys. A 'Generate API Key' button is located in the top right corner.

Generate API Key

Browse API Keys

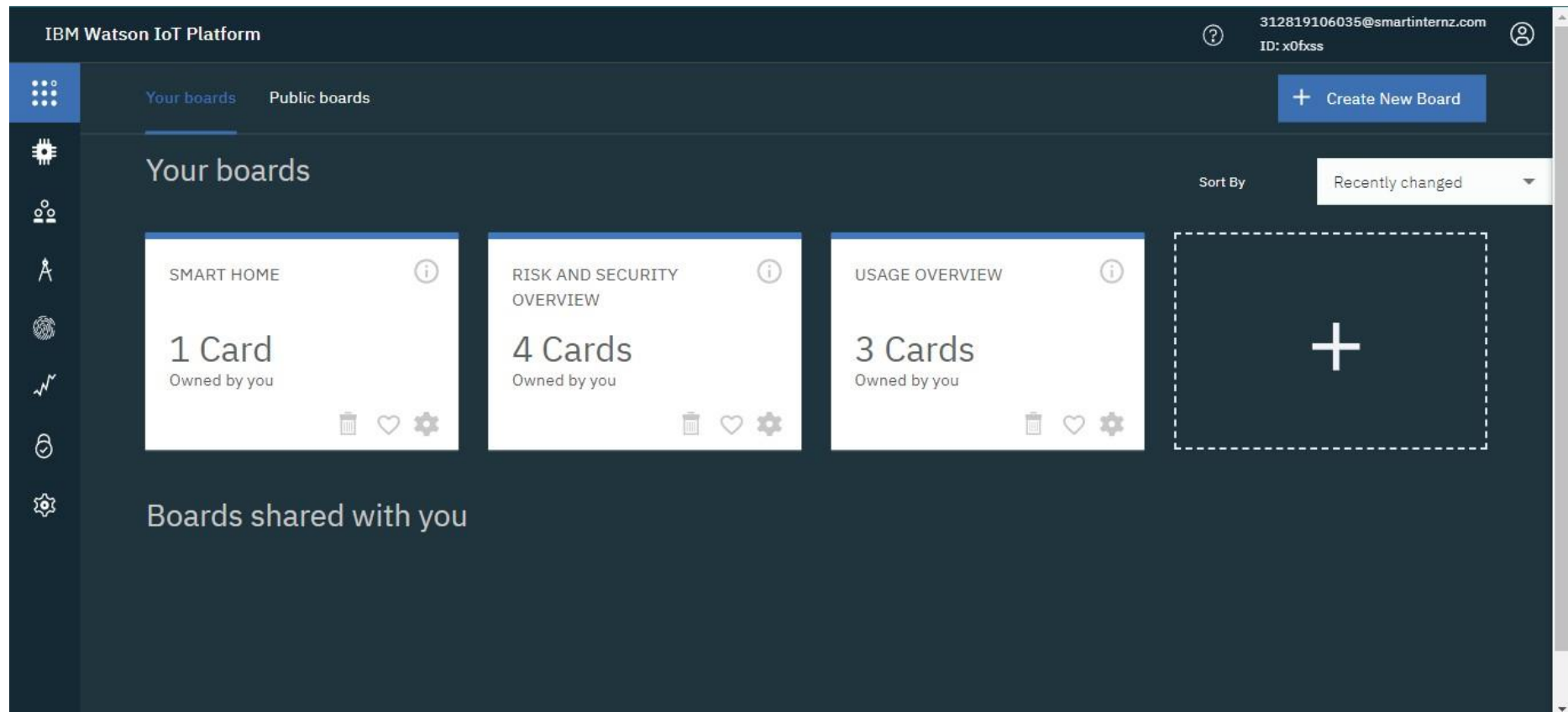
Type the app description to search for

This table shows a summary of the API keys that have been added for the organization. It can be filtered, organized, and search on using different criteria. To get started, you can add API keys by clicking Generate API Key, or by using the API. For more information about adding API keys, see [API key connection](#).

<input type="checkbox"/>	Key	Description	Role	Expires	
10 results					
<input type="checkbox"/>	a-x0fxss-3gpzdtgqxq	API Key for the device simula...	Standard Application	-	<div><div></div><div></div><div></div><div></div><div></div></div>
<input type="checkbox"/>	a-x0fxss-bio7aw7ggt	API Key for the device simula...	Standard Application	-	<div><div></div><div></div><div></div><div></div><div></div></div>
<input type="checkbox"/>	a-x0fxss-dontmdlc4q	Bound to Bluemix Application	Standard Application	-	<div><div></div><div></div><div></div><div></div><div></div></div>
<input type="checkbox"/>	a-x0fxss-dspoucimso	fh	Standard Application	25 Nov 2022	<div><div></div><div></div><div></div><div></div><div></div></div>

STEP 11:

You can create your own card by clicking by Boards > Create New Board.



STEP 12:

By clicking the created card, where you can represent the data in different forms. If you don't have card you can create it by clicking add new card.

