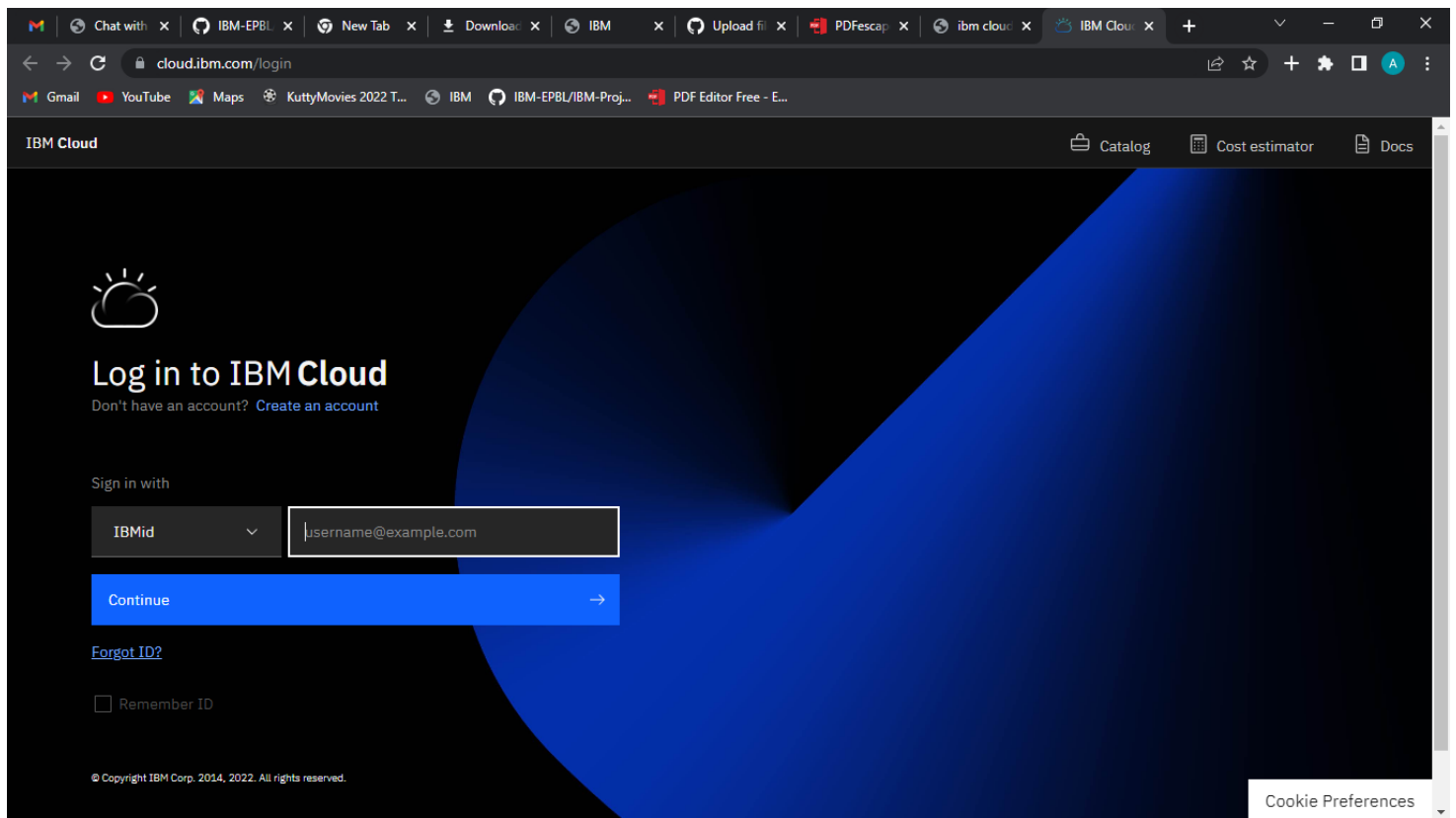
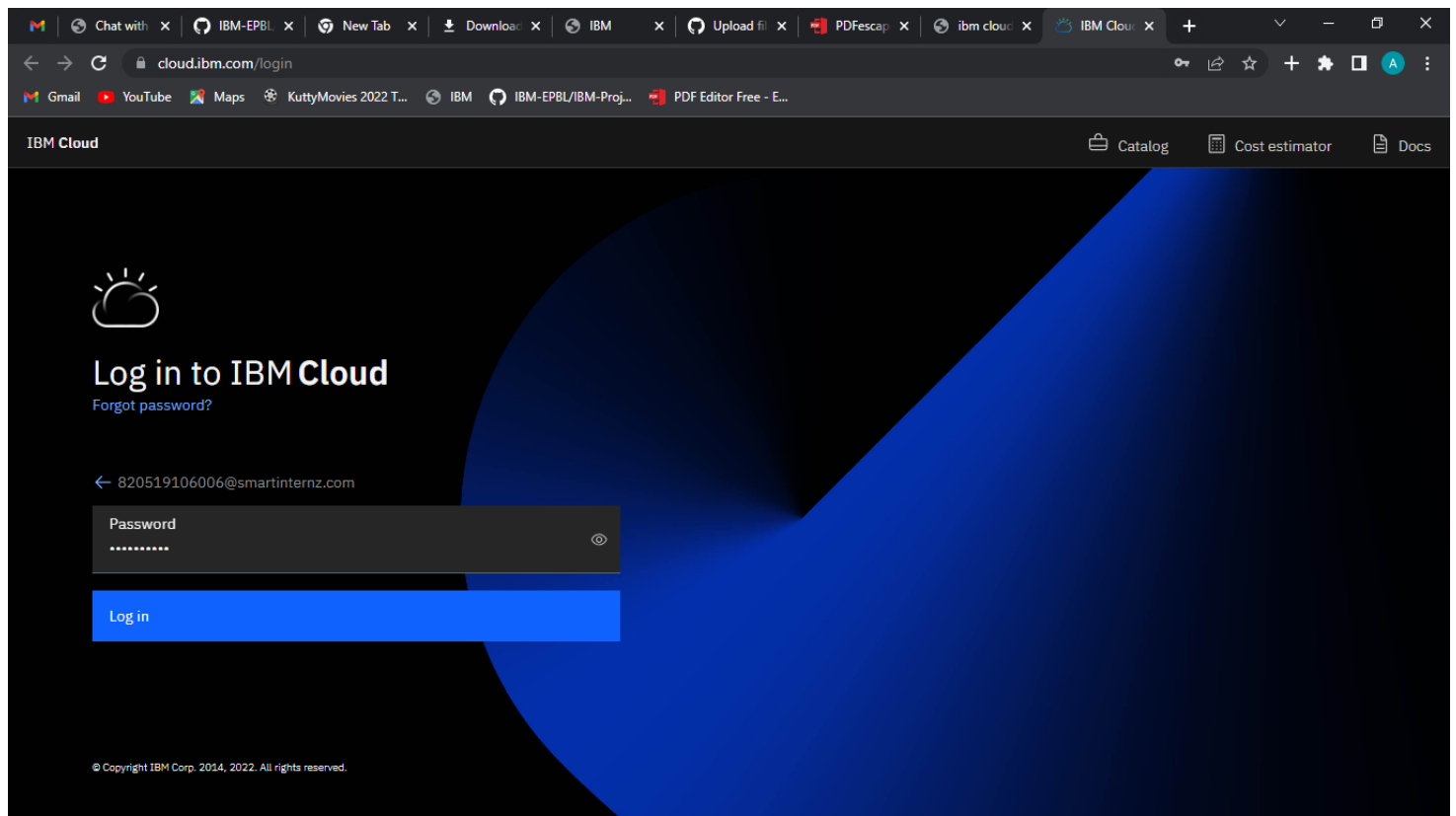
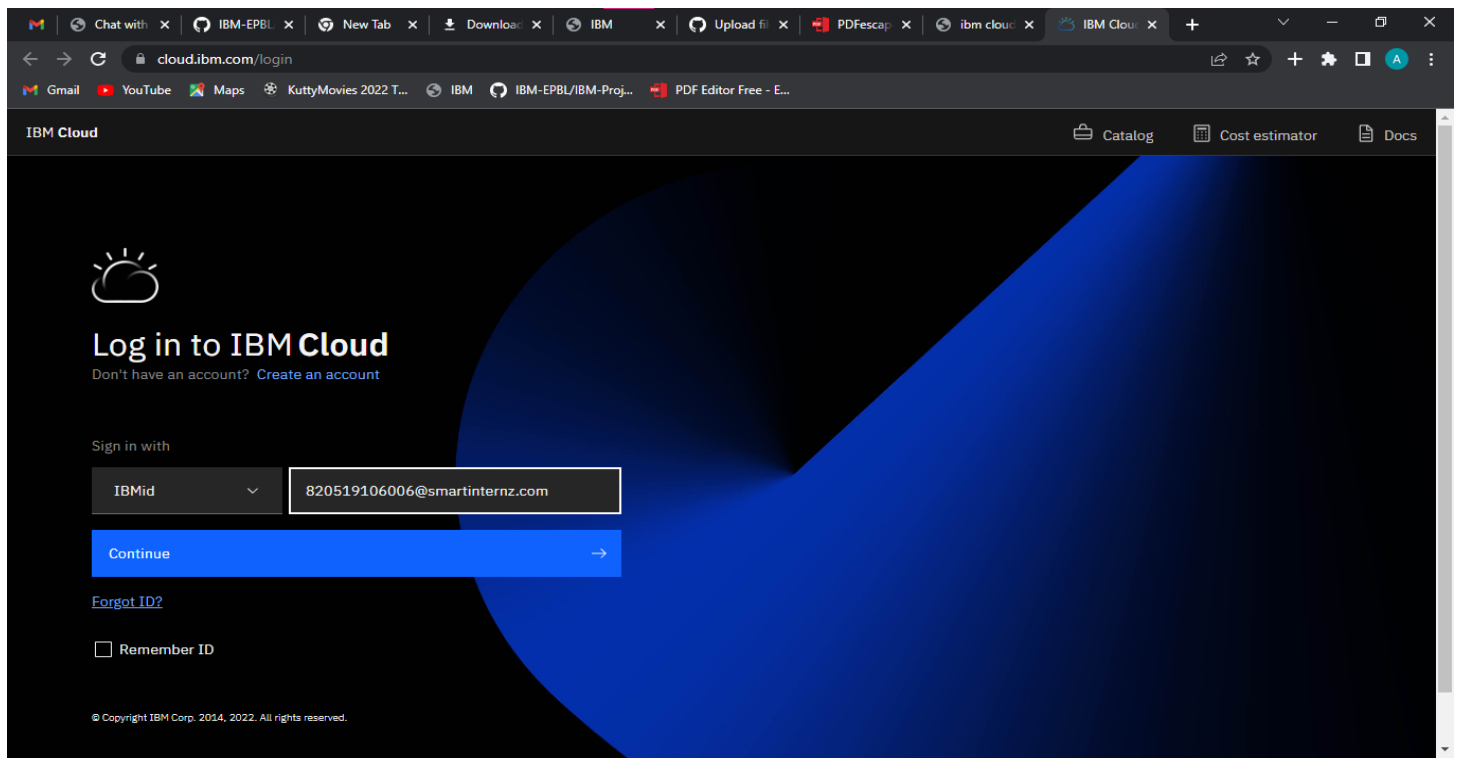


IBM WATSON

Assignment Date	06 NOVEMBER2022
Team ID	PNT2022TMID52392
Project Name	Gas Leakage Monitoring and Alerting System





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Internet of Things Platform

By IBM

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.

Lite • Free • IAM-enabled • IBM supported

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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

Location

Frankfurt

London

Dallas

Washington DC

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 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

Summary

Internet of Things Platform Free

Location: Frankfurt

Plan: Lite

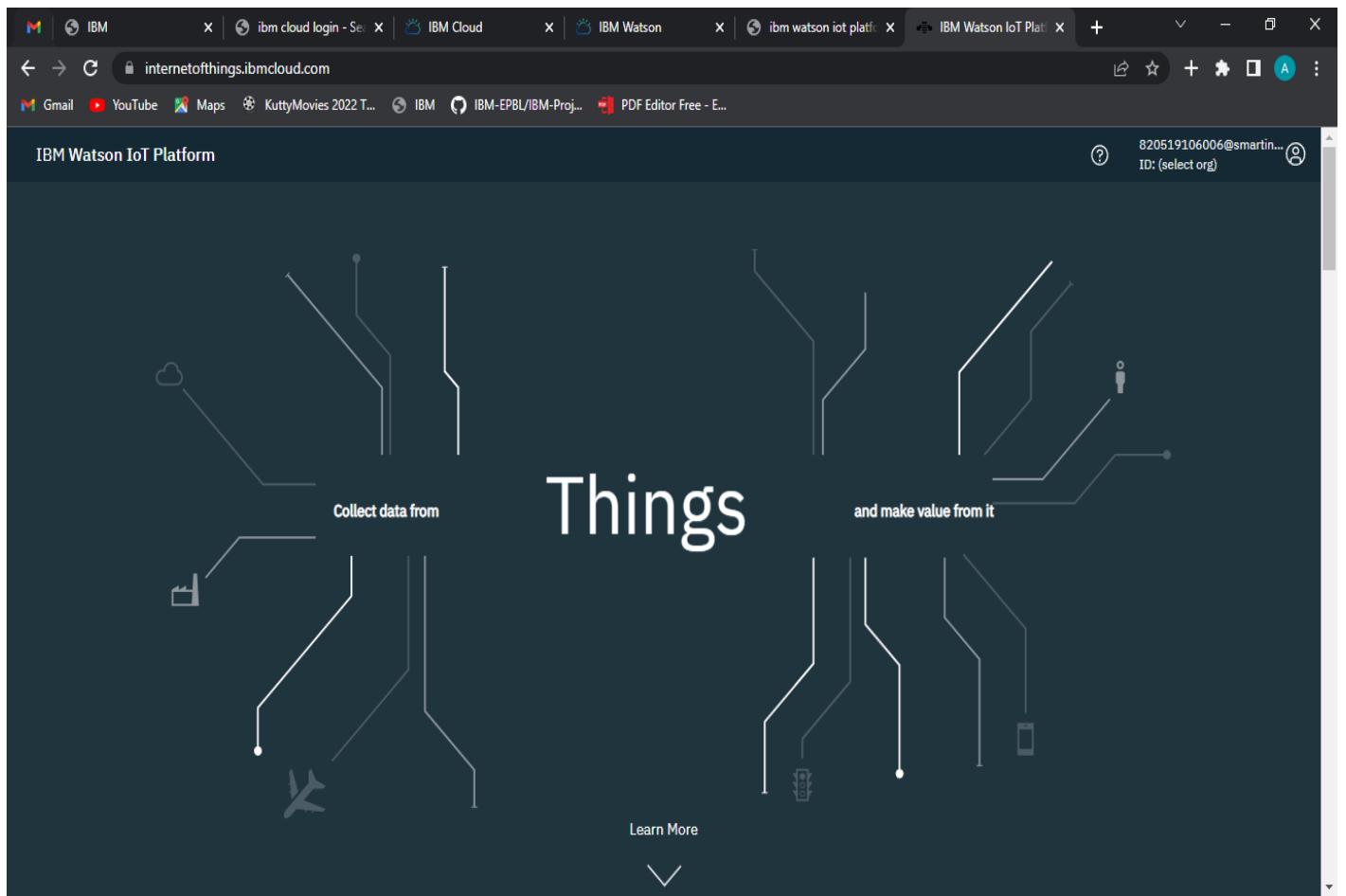
Service name: Internet of Things Platform-cu

Resource group: Default

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

Create

Add to estimate



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IBM Watson IoT Platform

820519106006@smartin...
ID: (select org)

IBM Watson IoT Platform

Browse Action Device Types

Browse Devices

Filter the Device ID to search for

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.

Device ID	Device Type	Class ID	Date Added	
		30 results		
raspberrypi	Device		Sep 13, 2018 9:27 AM	
	Device		Sep 13, 2018 9:27 AM	
			Sep 13, 2018 9:27 AM	
			Sep 13, 2018 9:27 AM	



Powerful web dashboard

Flexible, scalable and easy to use

We provide a clean and simple UI where you can simply and easily add and manage your devices, control access to your IoT service, and monitor your usage. See at a glance the things you are interested in.

What can we do for you?

We are a fully managed, cloud-hosted service that is designed to simplify and derive the value from your IoT devices.



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820519106006@smartin...
ID: (select org)

Let's get started



Watson IoT Platform

IBM's Watson IoT Platform is where you can set up and manage your connected devices.

SIGN UP

IBM Watson IoT Platform

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Recipes

Documentation

Answers

API

Status

IBM Cloud

Account

Account resources

Resource groups

Cloud Foundry orgs

Licenses and entitlements

Tags

Dashboards

Account settings

IBM Cloud Shell settings

Notification distribution list

Classic infrastructure

Subscriptions

Audit log

Company information

Search resources and products...

Catalog

Manage

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Dashboards

Create and manage customized dashboards that can be used to offer an organized and relevant workspace. You can share the dashboards with users in your account as a way to group resources for specific projects or teams. [Learn more.](#)

Search dashboards...

Create

Name	Created by	Created on	Role
Untitled	820519106006@smartinternz.com	2022-11-18	Owner

Items per page: 501-1 of 1 item

1

1 of 1 page

IBM Cloud

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Account resources

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?

Account settings

Account

ABINESH B's Account

ID: 94bed3280ae8485b9ec3b087c113d353

Account Type

Trial (Free)

43 days remaining in Trial

Account upgrade

Pay-As-You-Go

Add your credit card to unlock the full power of IBM Cloud with a Pay-As-You-Go account. You'll still be eligible for free runtime and service allowances, and you'll be charged only for paid services that you use.[Learn more](#)

Add credit card

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Get discounted pricing and increased billing predictability when you commit to a set amount of usage over time. [Learn more](#)

Upgrade

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IBM Watson IoT Platform

General Settings

Here you can see and modify global organization information and locally enable experimental Watson IoT Platform features.

- PLATFORM
 - About
 - Identity
 - Experimental Features
 - Last Event Cache
 - Client Connection
 - State API
- DATA AND DEVICES
 - Custom Device Management Packages
 - Device Simulator
- SECURITY

You currently have no devices. Add a device.

Device Simulator

Simulate devices and device data to get up and running quickly on Watson IoT Platform.

Activate Device Simulator ☒

Connection Security

You can use the Connection Security Policy to configure the security level for device connections.

[Open Connection Security Policy](#)

Simulations

[Import/Export simulation](#)

You can use the simulated event data to learn about, test, and demonstrate fully functioning Watson IoT Platform features. You can simulate a device and its data or simulate only data for a device that is already registered.

To create a device simulation:

1. Select a device type.
2. Configure the event and payload.
3. Add devices.

[+ Create simulation](#)

IBM Watson IoT Platform

General Settings

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[Open Connection Security Policy](#)

Device Type: ESP32

[New event type](#)

Events 1

Event type name: [Send](#) [Delete](#)

Schedule:

Payload

Specify the event payload in the editor window or by uploading a CSV file.

```
0 {
  1 "randomnumber": random(0, 100)
  2 }
  3 }
```

[Upload a CSV file](#)

[What functions can I apply?](#)

[Cancel](#) [Save](#)

IBM Watson IoT Platform

Browse Action Device Types Interfaces

710019106014@smartinternz.com ID: Otus0f

Add Device

This table shows a summary of all devices that have been added. It lists the device ID, status, type, class ID, date added, and descriptive location. 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	Descriptive Location
01	Disconnected	ESP32	Device	Nov 6, 2022 9:53 AM	

Identity Device Information Recent Events State Logs

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
event_1	{*randomNumber*:56}	json	a few seconds ago
event_1	{*randomNumber*:10}	json	a few seconds ago
event_1	{*randomNumber*:34}	json	a few seconds ago

1 Simulation running

IBM Watson IoT Platform

TestBoard

01

Loading ...

Card source data

Card preview

Card information

Create Line chart Card

Connect data set:

randomNumber

Event

event_1

Property

randomNumber

Name

randomNumber

Type

Number

Unit

%

Min

0

Max

100

Back Next

