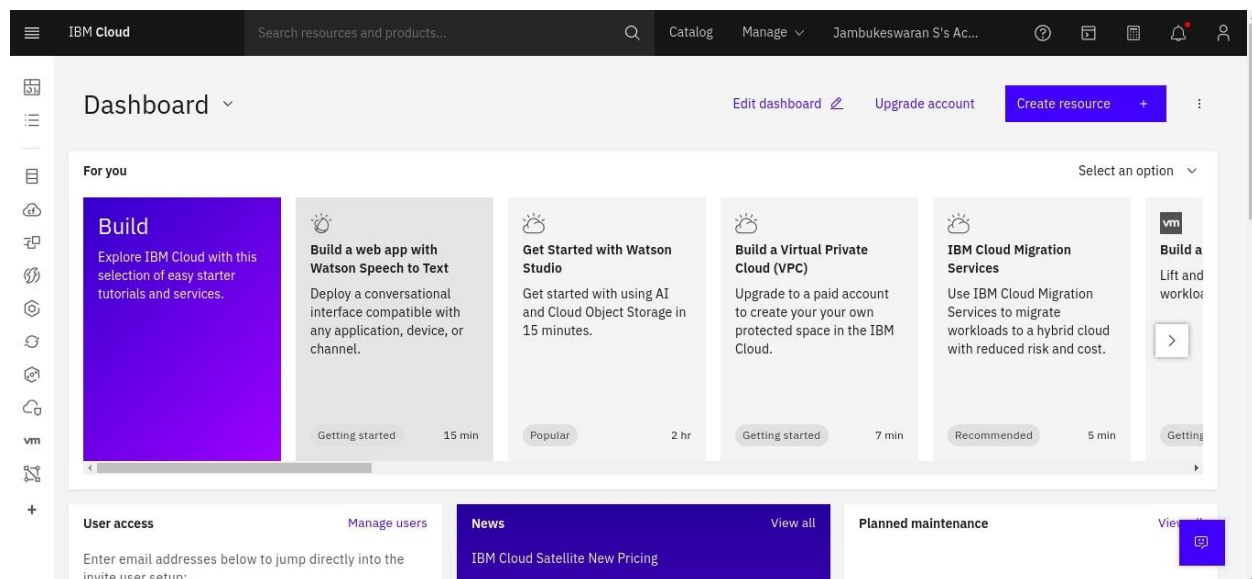


<b>Project Name</b>	<b>Gas leakage and monitoring system</b>
<b>Team ID</b>	<b>PNT2022TMID19711</b>
<b>Date</b>	<b>16.11.2022</b>

## CREATE AND CONFIGURE IBM CLOUD SERVICES

1, Create the IBM Watson IOT platform and A Device



IBM Cloud

Search resources and products...

Catalog

Manage

Jambukeswaran S's Ac...

Name	Group	Location	Product	Status	Tags
Filter by name or IP address... Filter by group or org... Filter... Filter... Filter... Filter...					
Analytics (0)					
Blockchain (0)					
Databases (2)					
Developer tools (3)					
Logging and monitoring (0)					
Migration (0)					
Integration (0)					
Internet of Things (1)					
Internet of Things Platform-9h	Default	London	Internet of Things Platform	Active	
Security (0)					
Mobile (0)					
Other (0)					

cloud.ibm.com/services/.../crn%3Av1%3Abluemix%3Apublic%3Aiotf-service%3Aeu-gb%3Aa%2F12333999c2954ed9906a1a4c2d5dae8c%3Afd12a9bb-7273-4e53-afa5-4ff319c15676%3A%3A

IBM Cloud

Search resources and products...

Catalog

Manage

Jambukeswaran S's Ac...

Search the catalog...

Sell on IBM Cloud

Catalog settings

Category

Viewing 206 products

Alphabetically

Recommended products (6)

Compute (30)

Containers (9)

Networking (29)

Storage (19)

AI / Machine Learning (17)

Analytics (10)

Blockchain (1)

Databases (28)

Developer tools (25)

Logging and monitoring (3)

Migration (7)

Integration (10)

Internet of Things (1)

Analytics Engine

By IBM

Submit your Apache Spark applications as needed and customize the Spark runtimes to satisfy the requirements of your application.

Lite

Free

HIPAA Enabled

IAM-enabled

Service Endpoint Supported

IBM supported

AnonTech Vizivault Platform

By Anon Technology, Inc.

Manage personal information as-a-service safely, securely, and in compliance with data privacy regulations using Vizivault

Lite

Free

HIPAA Enabled

IAM-enabled

Third party supported

API Connect

By IBM

An enterprise-grade platform for creating, securing, managing, sharing, monetizing, and analyzing custom APIs located on-premises...

Lite

Free

EU Supported

IAM-enabled

IBM supported

App Configuration

By IBM

Centralized, in-flight configuration for web and mobile applications and distributed environments.

App Connect

By IBM

Connect your applications, automate tasks, and improve productivity

App ID

By IBM

User Authentication and User Profiles for your apps.

https://cloud.ibm.com/catalog/services/app-id

inter| ×

- Kasten by Veeam - Enterprise Data Protection for Kubernetes
- Analytics
- <https://cloud.ibm.com/catalog/services/internet-of-things-platform>



By Anon Technology, Inc.

Manage personal information as-a-service safely, securely, and in compliance with data privacy regulations using ViziVault



## By IBM

An enterprise-grade platform for creating, securing, managing, sharing, monetizing, and analyzing custom APIs located on-premises...

Alphabetically



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

Location  
Frankfurt

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	Free

## Summary

Internet of Things Platform	Free
-----------------------------	------

```
Location: Frankfurt
Plan: Lite
Service name: Internet of Things Platform-o1
Resource group: Default
```

☒ I have read and agree to the following license agreements:

Add to estimate

IBM Cloud

Search resources and products...

Q

Catalog

Manage

Jambukeswaran S's Ac...

?

Resource list /

Internet of Things Platform-9h

Active

Add tags

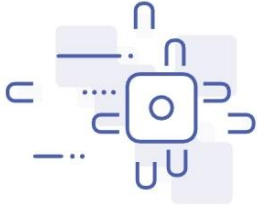
Details

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


Non-Production

Production

IBM Watson IoT Platform

?

Sign in

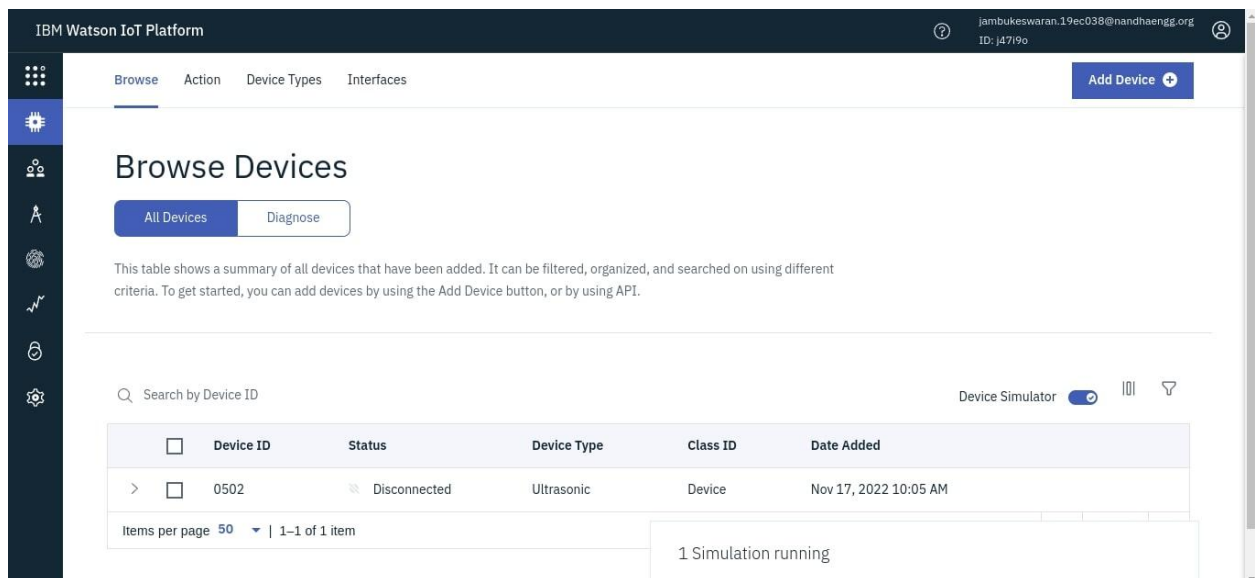
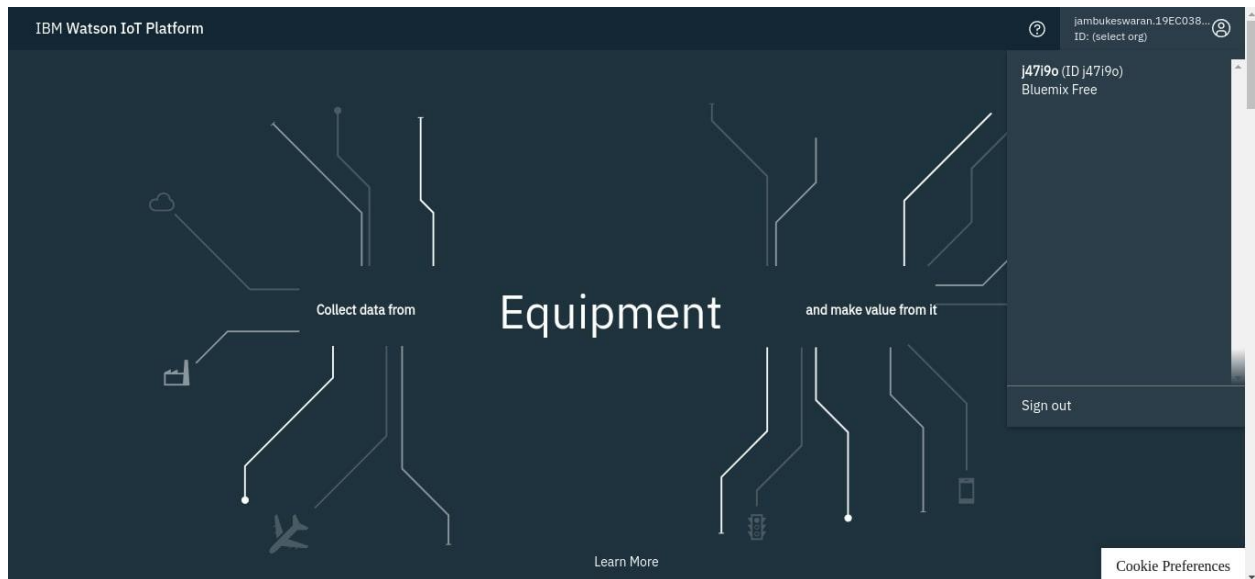


# Assets

Collect data from

and make value from it

Learn More



IBM Watson IoT Platform

?

jambukeswaran.19ec038@nandhaengg.org

ID: j47i9o

Browse

Action

Device Types

Interfaces

Add Device +

0502

Disconnected

Ultrasonic

Device

Nov 17, 2022 10:05 AM

→ ...

Identity

Device Information

Recent Events

State

Logs

×

Device ID

0502

Device Type

Ultrasonic

Date Added

Nov 17, 2022 10:05 AM

Added By

jambukeswaran.19ec038@nandhaengg.org

Connection Status

Disconnected

Items per page 50

1-1 of 1 item

1 of 1 page

<

1

>

1 Simulation running

IBM Watson IoT Platform

?

jambukeswaran.19ec038@nandhaengg.org

ID: j47i9o

Browse

Action

Device Types

Interfaces

Add Device +

0502

Disconnected

Ultrasonic

Device

Nov 17, 2022 10:05 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
Ultrasonic	{"Distance":13,"if":{"minimum":"Distance"},"then..."	json	a few seconds ago
Ultrasonic	{"Distance":54,"if":{"minimum":"Distance"},"then..."	json	a few seconds ago
Ultrasonic	{"Distance":5,"if":{"minimum":"Distance"},"then..."	json	a few seconds ago
Ultrasonic	{"Distance":31,"if":{"minimum":"Distance"},"then..."	json	a few seconds ago
Ultrasonic	{"Distance":26,"if":{"minimum":"Distance"},"then..."	json	a few seconds ago

1 Simulation running

IBM Watson IoT Platform

jambukeswaran.19ec038@nandhaengg.org  
ID: j47i9o

Your boards

Public boards

Create New Board

USAGE OVERVIEW

3 Cards

Owned by you

RISK AND SECURITY OVERVIEW

4 Cards

Owned by you

Boards shared with you

1 Simulation running

IBM Watson IoT Platform

jambukeswaran.19ec038@nandhaengg.org  
ID: j47i9o

Ultrasonic

+

Add New Card

Settings

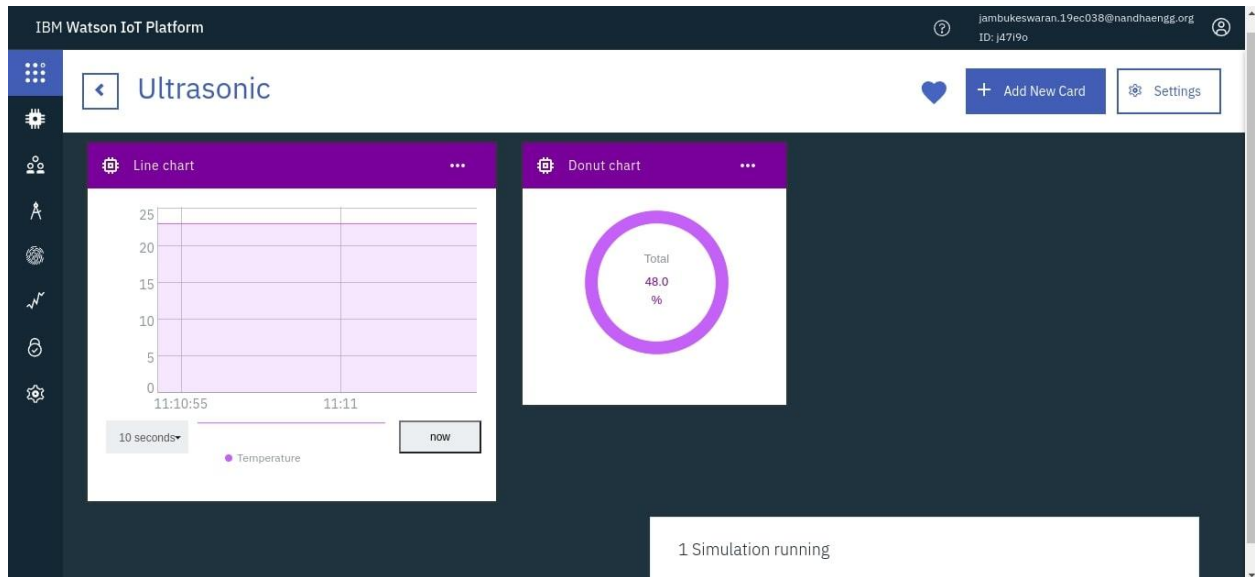
Line chart

Time	Temperature
11:09:50	55
11:09:55	55

10 seconds

now

1 Simulation running



## RESULT:

An IBM Watson cloud for IoT and a device is created successfully.