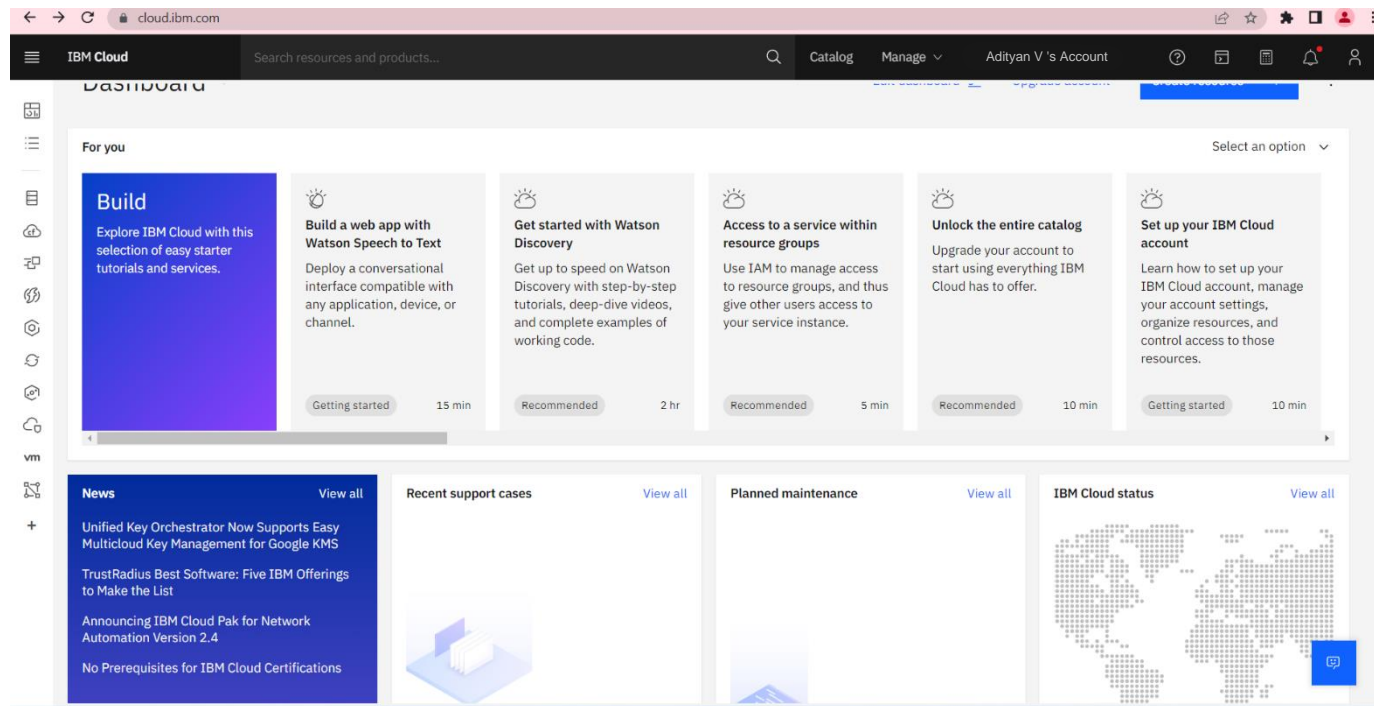


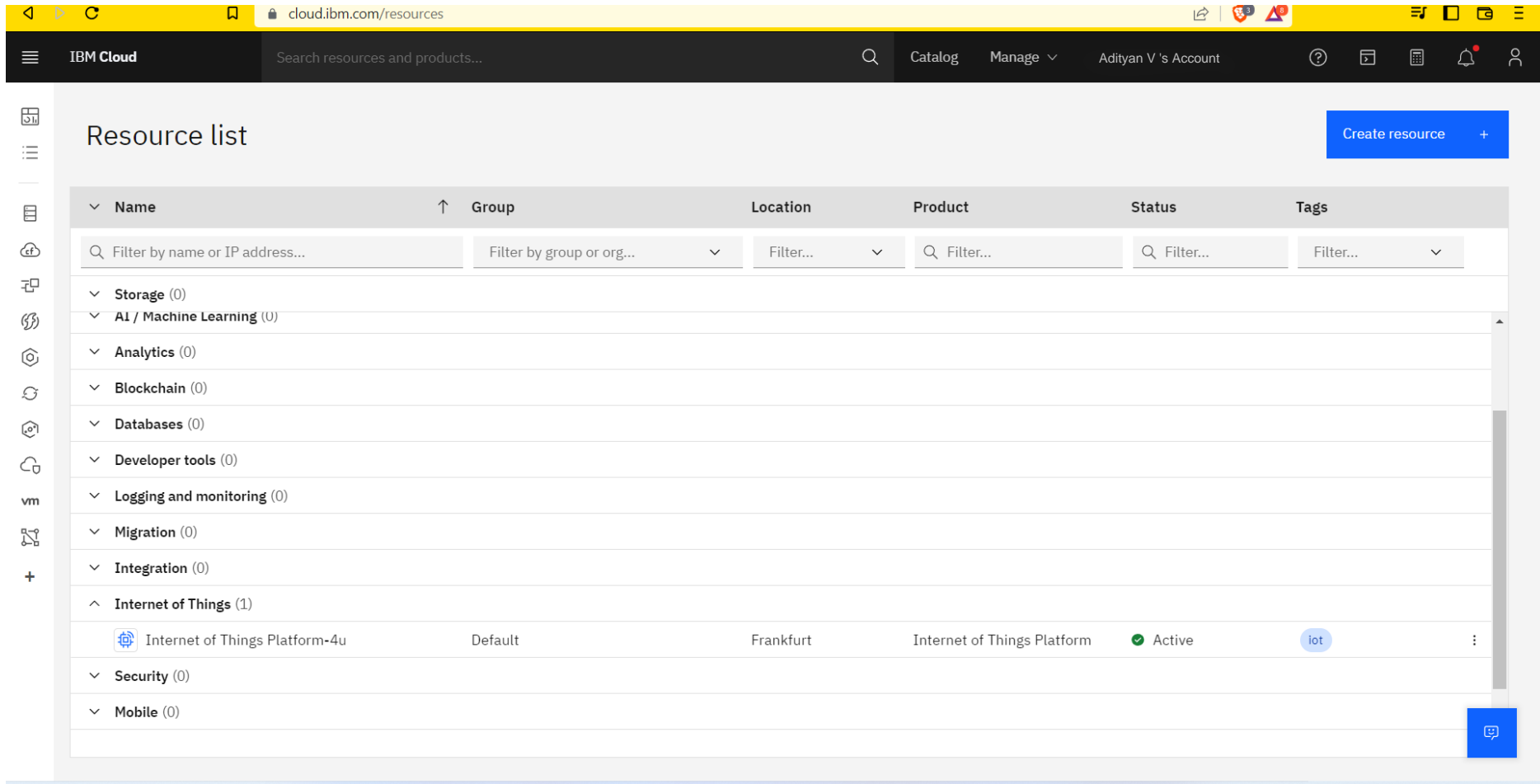
## Sprint-1

Date	13th NOVEMBER 2022
Team ID	PNT2022TMID53304
Project Name	Project-Industry Specific intelligent fire management system
Maximum Marks	20 marks

US – 1 : Create the IBM Cloud services which are being used in this project.



## US – 2 : Configure the IBM Cloud service which are being used in completing this project



The screenshot displays the IBM Cloud 'Resource list' interface. The top navigation bar includes the IBM Cloud logo, a search bar, and links for 'Catalog', 'Manage', and the user's account. A sidebar on the left provides navigation for various cloud services. The main content area features a table with columns for Name, Group, Location, Product, Status, and Tags. The table lists several resource categories, with 'Internet of Things (1)' expanded to show a single resource: 'Internet of Things Platform-4u'. This resource is located in Frankfurt, is part of the 'Default' group, and is currently 'Active' with an 'iot' tag. A 'Create resource' button is located in the top right corner of the resource list area.

Name	Group	Location	Product	Status	Tags
Filter by name or IP address...   Filter by group or org...   Filter...   Filter...   Filter...   Filter...					
Storage (0)					
AI / Machine Learning (0)					
Analytics (0)					
Blockchain (0)					
Databases (0)					
Developer tools (0)					
Logging and monitoring (0)					
Migration (0)					
Integration (0)					
Internet of Things (1)					
Internet of Things Platform-4u	Default	Frankfurt	Internet of Things Platform	Active	iot
Security (0)					
Mobile (0)					

US – 3 : IBM Watson IoT platform acts as the mediator to connect the web application to IoT devices. So create the Watson IoT platform

IBM Cloud

Search resources and products...

Q

Catalog

Manage

Adityan V 's Account

?

Resource list /

Internet of Things Platform-4u

Active

Add tags

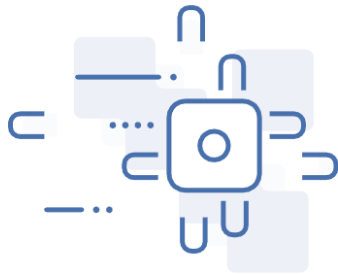
Details

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.

Free

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.

Starts at \$500 per month

Production

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

Includes IBM Service & Support

US – 4 : The Order to connect the IoT device the IBM cloud, create a device in the IBM Watson IoT platform and get the device credentials

IBM Watson IoT Platform

2001lokyb@gmail.com  
ID: be6274

Browse

Action

Device Types

Interfaces

Add Device +

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 ☐

<input type="checkbox"/>	Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
<input checked="" type="checkbox"/>	device_1	Disconnected	device1	Device	Nov 6, 2022 11:17 AM	

Identity

Device Information

Recent Events

State

Logs

Device ID

device\_1

Device Type

device1

Date Added

Nov 6, 2022 11:17 AM

Added By

2001lokyb@gmail.com

Connection Status

Disconnected

Items per page 50 | 1–1 of 1 item

1 of 1 page < 1 >

IBM Watson IoT Platform

2001lokyb@gmail.com  
ID: be6274

Browse

Action

Device Types

Interfaces

Search by Device ID

<input type="checkbox"/>	Device ID	Status	Device Type	Class ID	Date
<input checked="" type="checkbox"/>	device_1	Disconnected	device1	Device	Nov

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
eventstart	{"Temperature":32,"Flame Level":74,"Smoke Lev...	json	a few seconds

Items per page 50 | 1-1 of 1 item

Device Type: device1

Events 1

New event type +

Event type name

eventstart

Send

Schedule

1

Every Minute

Payload

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

0 {

1 "Temperature": random(0, 100),

2 "Flame Level": random(0, 100),

3 "Smoke Level": random(0, 100)

4 }

5

Upload a CSV file

Cancel

Save

IBM Watson IoT Platform

2001lokyb@gmail.com  
ID: be6274

Browse

Action

Device Types

Interfaces

Search by Device ID

Device ID

Status

Device Type

Class ID

Date

device\_1

Disconnected

device1

Device

Nov

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
eventstart	{"Temperature":12,"Flame Level":43,"Smoke Lev...	json	a few seconds ago
eventstart	{"Temperature":36,"Flame Level":33,"Smoke Lev...	json	a few seconds ago
eventstart	{"Temperature":72,"Flame Level":27,"Smoke Lev...	json	a few seconds ago
eventstart	{"Temperature":32,"Flame Level":74,"Smoke Lev...	json	a minute ago

Device Type: device1

Events 1

New event type +

Event type name

eventstart

Send

Schedule

1

Every Minute

Payload

Specify the event payload in the editor window or by uploading a [CSV file](#).

0 {

1 "Temperature": random(0, 100),

2 "Flame Level": random(0, 100),

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4 }

5

Upload a CSV file

Cancel

Save