

# PROJECT DEVELOPMENT PHASE

## Delivery Of sprint 2

Team ID	PNT2022TMID06971
Project Name	Hazardous Area Monitoring For Industrial Plant Powered By IoT

### IOT WATSON :

Organization ID : xpg940

Device Type :temp

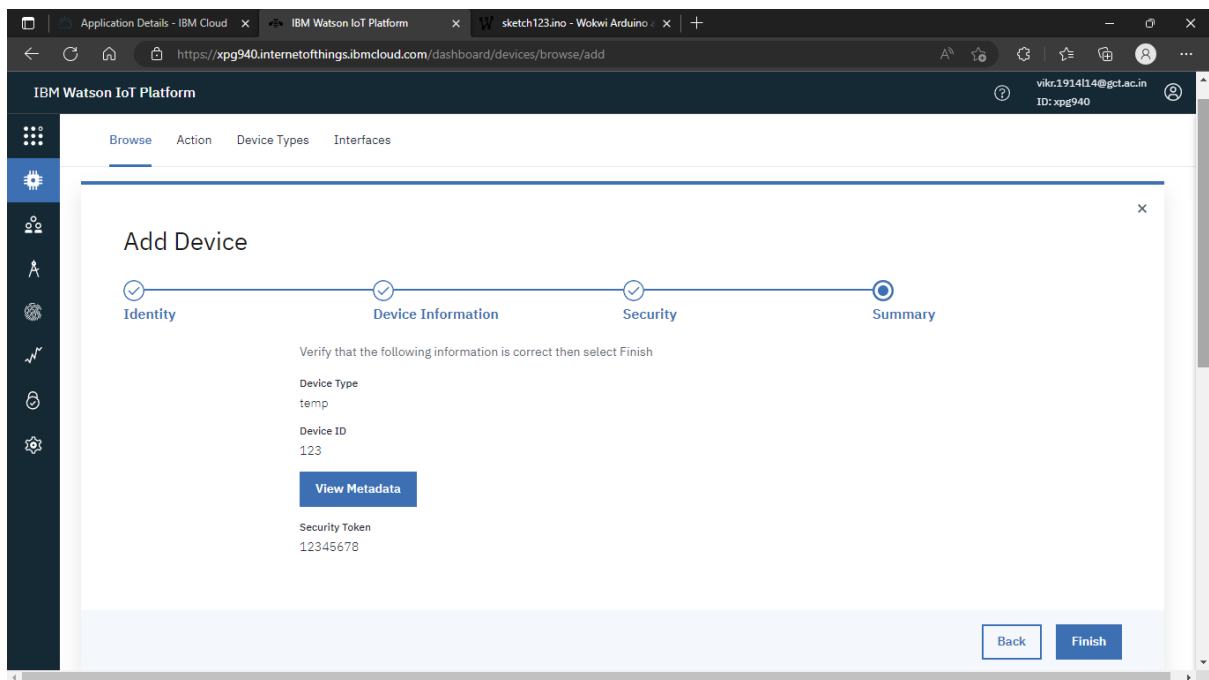
Device ID : 123

Authentication Method : use-token-auth

Authentication Token : 12345678

API ID :a-xpg940-vefrxxdr3w

API KEY :o@)j@iC8RDaM3VA1&l



Application Details - IBM Cloud

IBM Watson IoT Platform

sketch123.ino - Wokwi Arduino

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https://xpg940.internetofthings.ibmcloud.com/dashboard/devices/drilldown/temp:123?returnTo=/devices/browse

vikr.1914114@gct.ac.in  
ID: xpg940

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← Back

Device Drilldown - 123

Device Credentials

Connection Information

Recent Events

State

Device Information

Metadata

Diagnostics

Connection Logs

Device Actions

Device Credentials

You registered your device to the organization. Add these credentials to the device to connect it to the platform. After the device is connected, you can navigate to view connection and event details.

Organization ID

xpg940

Device Type

temp

Device ID

123

Authentication Method

use-token-auth

Authentication Token

12345678

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Authentication tokens are non-recoverable. If you misplace this token, you will need to re-register the device to generate a new authentication token.

Find out how to add these credentials to your device

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IBM-EP8L/IBM-Project-3249

IBM

IBM-Project-7220-16588501

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https://xpg940.internetofthings.ibmcloud.com/dashboard/devices/browse

vikr.1914114@gct.ac.in  
ID: xpg940

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Browse

Action

Device Types

Interfaces

Add Device

Search by Device ID

Device Simulator

Device ID	Status	Device Type	Class ID	Date Added
123	Disconnected	temp	Device	Nov 16, 2022 11:41 AM

Identity

Device Information

Recent Events

State

Logs

Device ID

123

Device Type

temp

Date Added

Nov 16, 2022 11:41 AM

Added By

vikr.1914114@gct.ac.in

Connection Status

Disconnected

Last Connected: Nov 16, 2022 12:08 AM

Client Address: 157.49.85.111

SecureToken

Duration: 9 minutes

Data Transferred: 596 B

Items per page 50 | 1-1 of 1 item

1 Simulation running

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Browse Action Device Types Interfaces

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

Search by Device ID

Device ID	Status	Device Type
123	Disconnected	temp

Identity Device Information Recent Events State

Device ID: 123  
Device Type: temp  
Date Added: Nov 16, 2022 11:41 AM  
Added By: vikr.1914114@gct.ac.in  
Connection Status: Disconnected  
Last Connected: Nov 18, 2022 12:08 AM  
Client Address: 157.140.65.111 Saurat

Device Type: temp

Events 1 New event type +

Event type name: event\_1 Send

Schedule: 20 Every Minute

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

```
0 {
1   "temp": random(95, 100)
2   "hum": random(90, 100)
3 }
4
```

Upload a CSV file

Cancel Save

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smart home

Card source data: 123

Card preview

Card information

Create Line chart Card

Connect data set

Event: event\_1

Property: temp

Name: temp

Type: Number Unit:

Min: 0 Max: 100

Back Next

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🔖

👤

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https://xpg940.internetofthings.ibmcloud.com/dashboard/boards/67a9c416-7cd7-4ba1-a95b-c5513cedbd

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vikr:1914114@gct.ac.in  
ID: xpg940

smart home

123

Card source data

Card preview

Card information

Create Line chart Card

Select the card size and specify additional information

📊

📈

🕒

A

🔍

Settings S M L XL

Line chart

Back Next

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vikr:1914114@gct.ac.in  
ID: xpg940

smart home

Line chart

1 minute now

temp hum

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Service Status  
Terms  
Privacy  
Support  
Blog  
Sign Out

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https://xpg940.internetofthings.ibmcloud.com/dashboard/apps/browse/add

vikr.1914114@gct.ac.in ID: xpg940

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Browse IBM Cloud Apps

Generate API Key

Information Permissions

The application will have access for the following role:

Role Standard Application

For more information about roles, see [User, application, and gateway roles](#).

Back Generate 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](#).

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vikr.1914114@gct.ac.in ID: xpg940

IBM Watson IoT Platform

Browse IBM Cloud Apps

+ 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	
2 results				
<input type="checkbox"/> a-xpg940-ucjobmtbix	API Key for the device simulator	Standard Application	-	<div><div></div><div></div></div>
<input type="checkbox"/> a-xpg940-vefnxxdr3w	-	Standard Application	-	<div><div></div><div></div></div>

1 Simulation running