

## Project Development Phase

### Sprint 1

Date	29 October 2022
Team ID	PNT2022TMID46764
Project Name	Hazardous area monitoring for industrial plant powered by IOT

IBM Watson IoT Platform in device & configure the IBM IoT Platform:

#### Step-1

##### Create a device

IBM Watson IoT Platform

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
12345	Disconnected	nodered	Device	Nov 11, 2022 12:04 AM

Items per page 50 | 1-1 of 1 item

1 of 1 page

1 Simulation running

#### Step-2

##### Click send

IBM Watson IoT Platform

Browse Action Device Types Interfaces

### 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 ID	Status	Device Type
12345	Disconnected	nodered

Items per page 50 | 1-1 of 1 item

Device Type: nodered

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 "randomNumber": random(0, 100)
    2 }
    3 }
```

Upload a CSV file

What functions can I apply?

Cancel Save

#### Step-3

IBM Watson IoT Platform

821219104002@smartinternz.com  
ID: uaqu4v

Browse Action Device Types Interfaces

Add Device +

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":73}	json	a few seconds ago
event_1	{"randomNumber":54}	json	a few seconds ago
event_1	{"randomNumber":3}	json	a few seconds ago
event_1	{"randomNumber":44}	json	a few seconds ago
event_1	{"randomNumber":5}	json	a few seconds ago

1 Simulation running

#### Step-4

#### Create a board

IBM Watson IoT Platform

821219104002@smartinternz.com  
ID: uaqu4v

Your boards Public boards

Create New Board +

SMART HOME 1 Card Owned by you

RISK AND SECURITY OVERVIEW 4 Cards Owned by you

USAGE OVERVIEW 3 Cards Owned by you

Boards shared with you

1 Simulation running

#### Step-5

