

## Project development phase

### Sprint – 1

Date	29 October 2022
Team ID	PNT2022TMID46768
Project Name	Gas Leakage Monitoring and Alerting System for Industries

IBM Watson IOT Platform in device and configure the IBM IOT Platform

Step-1:

Create a device

The screenshot displays the IBM Watson IoT Platform interface. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. The main heading is 'Browse Devices'. Below the heading, there are tabs for 'All Devices' and 'Diagnose'. A message states: '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.' Below this is a search bar labeled 'Search by Device ID'. To the right of the search bar is a 'Device Simulator' toggle switch, which is currently turned on. Below the search bar is a table with the following columns: Device ID, Status, Device Type, Class ID, Date Added, and Descriptive Location. The table contains one row with the following data: Device ID 12345, Status Disconnected, Device Type nodegas, Class ID Device, Date Added Nov 7, 2022 4:50 PM, and Descriptive Location. Below the table, there is a pagination bar showing 'Items per page 50' and '1-1 of 1 item'. At the bottom right of the page, there is a status box that says '1 Simulation running'.

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
12345	Disconnected	nodegas	Device	Nov 7, 2022 4:50 PM	

Step – 2

The screenshot shows the IBM Watson IoT Platform interface. The main page is titled "Browse Devices" and includes a search bar and a table of devices. A modal window is open for creating a new event type for a device of type "nodegas".

**Device Type: nodegas**

**Events 1** New event type +

Event type name:  Send 🗑️

Schedule:

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

```

0 {
1   "randomNumber": random(0, 100)
2   "sampleObject": {
3     "xcoord": 32.514
4     "ycoord": 151.521
5   }
6 }

```

Cancel Save

**Table: Browse Devices**

Device ID	Status	Device Type	Class ID	Date
12345	Disconnected	nodegas	Device	Nov

Items per page 50 | 1-1 of 1 item

Step – 3:

The screenshot shows the IBM Watson IoT Platform interface with the "Recent Events" tab selected for device 12345. The "Device Simulator" is turned on.

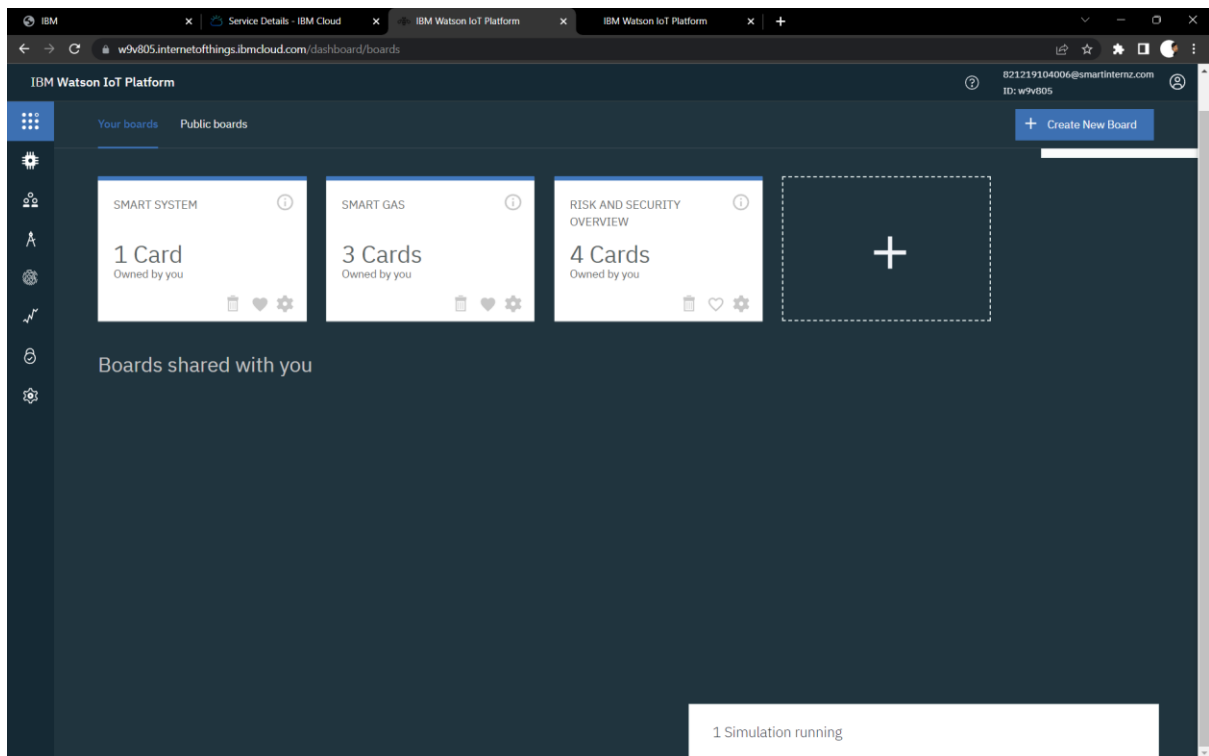
**Table: Recent Events**

Event	Value	Format	Last Received
event_1	{"randomNumber":2,"sampleObject":{"xcoord":3...	json	a few seconds ago
event_1	{"randomNumber":84,"sampleObject":{"xcoord":...	json	a few seconds ago
event_1	{"randomNumber":24,"sampleObject":{"xcoord":...	json	a few seconds ago
event_1	{"randomNumber":87,"sampleObject":{"xcoord":...	json	a few seconds ago
event_1	{"randomNumber":88,"sampleObject":{"xcoord":...	json	a few seconds ago

Items per page 50 | 1-1 of 1 item

1 Simulation running

Step – 4 :



Step – 5 :

