

## Project Development Phase

### Delivery of Sprint 1

Date	29 October 2022
Team ID	PNT2022TMID01909
Project Name	Project –Gas leakage monitoring and alerting system for industries

### EVENT GENERATION :

Source code is deployed on IBM Watson IoT platform to generate sensor data.

### SOURCE CODE :

```
{  
  
    "temp": random(0,100)  
  
    "Humid" : random(0,100)  
  
    "gas" : random(0,100)
```

}

## OUTPUT:

The screenshot displays an IoT dashboard interface. At the top, there's a navigation bar with tabs: 'Browse', 'Action', 'Device Types', and 'Interfaces'. On the right of this bar is an 'Add Device +' button. Below the navigation bar, a sidebar on the left contains several icons representing different device categories. The main content area shows the details for a specific device, 'Udayakpr007', which is marked as 'Connected'. The device name 'Gas\_Leakage\_Detector' and its type 'Device' are also visible, along with the timestamp '7 Nov 2022 19:02'. Below this header, there are tabs for 'Identity', 'Device Information', 'Recent Events', 'State', and 'Logs'. The 'Recent Events' tab is currently selected. It contains a message: 'The recent events listed show the live stream of data that is coming and going from this device.' Below this message is a table with four columns: 'Event', 'Value', 'Format', and 'Last Received'. The table lists five recent events, all from an 'IoTSensor' in 'json' format, received 'a few seconds ago'. Each event contains a JSON object with 'temp', 'Humid', and 'gas' values. At the bottom of the screen, a Windows taskbar is visible with various application icons and system status indicators.

Event	Value	Format	Last Received
IoTSensor	{"temp":88,"Humid":98,"gas":75}	json	a few seconds ago
IoTSensor	{"temp":78,"Humid":42,"gas":43}	json	a few seconds ago
IoTSensor	{"temp":80,"Humid":89,"gas":83}	json	a few seconds ago
IoTSensor	{"temp":59,"Humid":3,"gas":15}	json	a few seconds ago
IoTSensor	{"temp":1,"Humid":90,"gas":57}	json	a few seconds ago