

## Project Development Phase

### Delivery of Sprint 1

Date	29 October 2022
Team ID	PNT2022TMID04619
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 the IBM Watson IoT Platform interface. The top navigation bar includes tabs for 'Browse', 'Action', 'Device Types', and 'Interfaces'. A user profile is visible in the top right corner with the email '19ec127@kpriet.ac.in' and ID 'pi0ywk'. The main content area shows a device named 'Udayakpr007' with a status of 'Connected' and a type of 'Gas\_Leakage\_Detector'. The device was last updated on '7 Nov 2022 19:02'. Below the device header, there are tabs for 'Identity', 'Device Information', 'Recent Events', 'State', and 'Logs'. The 'Recent Events' tab is active, displaying a list of events. The events are listed in a table with columns: Event, Value, Format, and Last Received. The events are all of type 'IoTSensor' and are received in 'json' format. The values represent temperature, humidity, and gas levels. The last received time for all events is 'a few seconds ago'.

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