

Project Development Phase

Delivery of Sprint 1

Date	29 October 2022
Team ID	PNT2022TMID14470
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 the IBM logo and a search icon. The main header shows the user's email (19ec127@kpriet.ac.in) and ID (pi0ywk). The left sidebar contains icons for various IoT functions. The main content area shows the 'Browse' tab selected, with a list of devices. The device 'Udayakpr007' is highlighted, showing its status as 'Connected' and its type as 'Gas_Geakage_Detector'. Below this, the 'Recent Events' tab is active, displaying a table of live data streams.

IBM Watson IoT Platform

19ec127@kpriet.ac.in
ID: pi0ywk

Browse Action Device Types Interfaces

Add Device +

Udayakpr007 Connected Gas_Geakage_Detector Device 7 Nov 2022 19:02

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
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

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