

PROJECT DEVELOPMENT PHASE

SPRINT – 1

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|---------------|---|
| Date | 14 November 2022 |
| Team ID | PNT2022TMID38668 |
| Project Title | Gas Leakage Monitoring Alerting System For Industries |

Event Generation:

Payload is deployed on IBM Watson IoT platform to generate sensor data

PAYLOAD :

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

OUTPUT :

The screenshot displays the IBM Watson IoT Platform interface. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. A sidebar on the left contains various icons for navigation. The main content area shows a device named '1902' with status 'Disconnected' and type 'android'. Below this, the 'Recent Events' tab is selected, displaying a table of events. The table has columns for 'Event', 'Value', 'Format', and 'Last Received'. The events are listed as 'eventflow' with JSON payloads for gas, temperature, and humidity, received at various intervals. A status message at the bottom indicates '1 Simulation running'.

| Event | Value | Format | Last Received |
|-----------|---------------------------------|--------|-------------------|
| eventflow | {"gas":63,"Temp":50,"Humid":38} | json | a few seconds ago |
| eventflow | {"gas":32,"Temp":61,"Humid":84} | json | a minute ago |
| eventflow | {"gas":34,"Temp":13,"Humid":34} | json | 2 minutes ago |
| eventflow | {"gas":20,"Temp":20,"Humid":70} | json | 3 minutes ago |
| eventflow | {"gas":65,"Temp":25,"Humid":12} | json | 4 minutes ago |

1 Simulation running

Board :

Line Chart

This chart displays the payload in the graph that is displayed on the device for every minute

