

## Sprint – 1

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**Project :** Gas Leakage Monitoring and Alerting System using IOT.

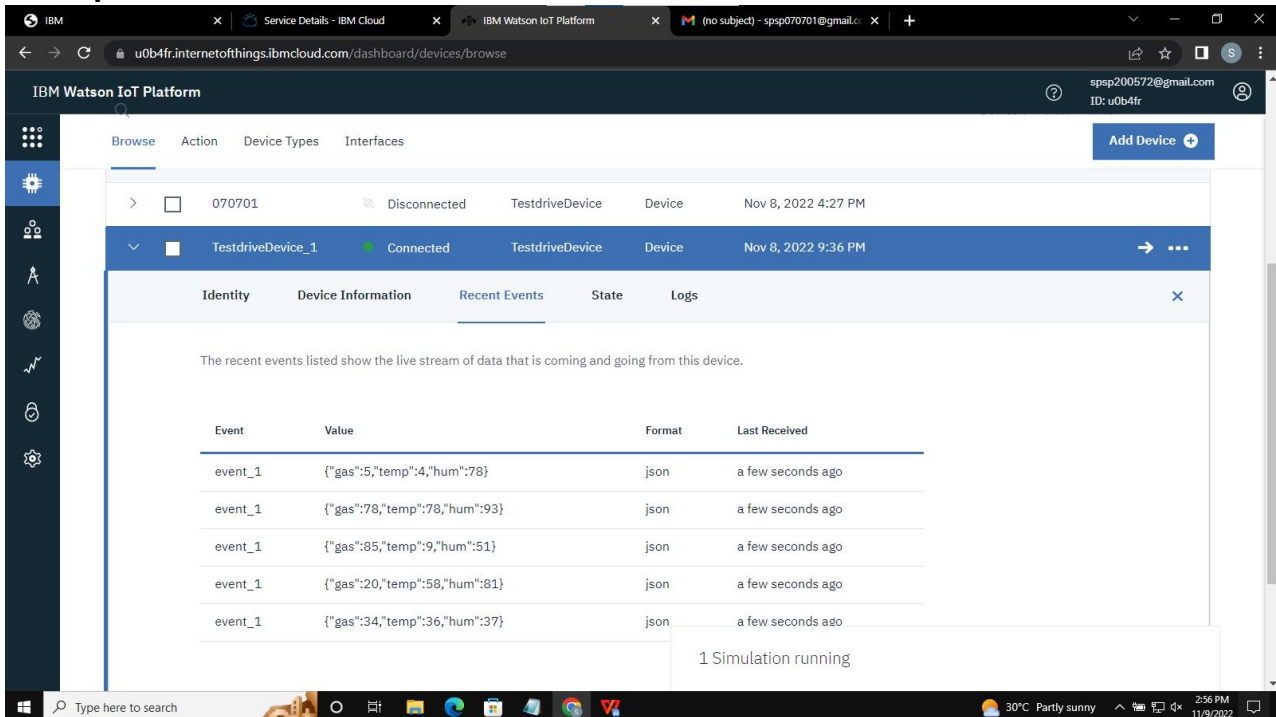
### Event Generation:

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

### Source Code:

```
{  
  "gas": random(0, 100),  
  "temp": random(0, 100),  
  "hum": 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 list of devices, with 'TestdriveDevice\_1' selected and its details expanded. The 'Recent Events' tab is active, showing a table of live data streams.

Event	Value	Format	Last Received
event_1	{"gas":5,"temp":4,"hum":78}	json	a few seconds ago
event_1	{"gas":78,"temp":78,"hum":93}	json	a few seconds ago
event_1	{"gas":85,"temp":9,"hum":51}	json	a few seconds ago
event_1	{"gas":20,"temp":58,"hum":81}	json	a few seconds ago
event_1	{"gas":34,"temp":36,"hum":37}	json	a few seconds ago

1 Simulation running