

Team ID	PNT2022TMID30401
Project Name	Gas leakage Monitoring &Alerting System For Industries.

IBM Watson

The screenshot displays the IBM Watson IoT Platform interface. At the top, the browser address bar shows the URL `xz5tn5.internetofthings.ibmcloud.com/dashboard/devices/browse`. The platform header includes the user profile `vijipv1107@gmail.com` and ID `xz5tn5`. The main navigation bar features tabs for `Browse`, `Action`, `Device Types`, and `Interfaces`, along with an `Add Device` button.

The central area shows a table of devices. The selected device, ID `1234`, is shown in a detailed view. This view includes tabs for `Identity`, `Device Information`, `Recent Events`, `State`, and `Logs`. The `Recent Events` tab is active, displaying a stream of data events.

The recent events are listed in a table with the following columns: `Event`, `Value`, `Format`, and `Last Received`.

Event	Value	Format	Last Received
event_1	<code>{"Gas Level":5,"Humidity":60,"Temp":49}</code>	json	a few seconds ago
event_1	<code>{"Gas Level":43,"Humidity":73,"Temp":36}</code>	json	a few seconds ago
event_1	<code>{"Gas Level":72,"Humidity":18,"Temp":19}</code>	json	a few seconds ago
event_1	<code>{"Gas Level":55,"Humidity":25,"Temp":31}</code>	json	a few seconds ago
event_1	<code>{"Gas Level":60,"Humidity":62,"Temp":3}</code>	json	a few seconds ago

A notification at the bottom right indicates `0 Simulations running`. The Windows taskbar at the bottom shows the system time as `8:28 PM` on `14/11/2022`, with a weather forecast of `23°C Cloudy`.

Node-Red

The screenshot displays the Node-RED web interface in a browser. The top bar shows the Node-RED logo and a 'Deploy' button. The left sidebar contains a 'filter nodes' search bar and two categories of nodes: 'common' (inject, debug, complete, catch, status, link in, link call, link out, comment) and 'function' (function, switch, change, range). The main workspace shows 'Flow 1' with the following components:

- gasmonitor_db** (cloud database icon) connected to three function nodes: **GAS_SENSOR**, **TEMPERATURE**, and **HUMIDITY**.
- Each function node is connected to a corresponding output node: **GAS LEVEL**, **TEMPERATURE**, and **HUMIDITY**.
- Below these, there are **MOTOR ON** and **MOTOR OFF** nodes, each connected to a **msg.payload** node.
- The **msg.payload** node is connected to an **IBM IoT** node (labeled 'connected').

The right sidebar shows the 'config' panel with tabs for 'all' and 'unused'. Under 'On all flows', there are several configuration items:

- cloudant**: gasmonitor (1)
- ibmiot**: API (2)
- ui_base**: Node-RED Dashboard
- ui_group**: [Home] CONTROL (4), [Home] HOME (3)
- ui_tab**: Home (2)

Under 'Flow 1', there is a **ui_spacer** section with a **spacer 1x1** item.

The bottom of the image shows the Windows taskbar with the search bar, task icons, and system tray information (40% battery, 29°C Cloudy, 3:52 PM, 11/15/2022).