

DATE	7 TH NOVEMBER 2022
TEAM ID	PNT2022TMID36762
PROJECT NAME	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES

Display the temperature and humidity value:

Submitted by : Kamatchi soniya, Beena sherin, Vishali, Yamini, Jayasri

IBM Watson link : <https://7bpns1.internetofthings.ibmcloud.com/dashboard/devices/browse>

Turn on device simulation and then create a random function for temperature, humidity and gas level

The screenshot displays the IBM Watson IoT Platform interface. The main heading is 'Browse Devices'. Below it, there are tabs for 'All Devices' and 'Diagnose'. A descriptive text states: 'This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different criteria. To get started, you can add devices by using the Add Device button, or by using API.' Below this is a search bar labeled 'Search by Device ID'. To the right of the search bar is a 'Device Simulator' toggle switch, which is currently turned on. Below the search bar is a table with the following columns: Device ID, Status, Device Type, Class ID, Date Added, and Descriptive Location. The table contains two rows of data:

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
1229	Disconnected	IOTsensor	Device	Nov 6, 2022 3:56 PM	
Test1	Disconnected	monitor	Device	Nov 9, 2022 1:57 PM	

Below the table, there is a pagination bar showing 'Items per page 50' and '1-2 of 2 items'. At the bottom right of the page, there is a notification box that says '1 Simulation running'.

Output for temperature, humidity and gas level

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 icons for various platform features. The main content area shows a list of devices, with 'Test1' selected. Below the device list, a tabbed interface shows 'Recent Events' for 'Test1'. The events are listed in a table with columns: Event, Value, Format, and Last Received. The events show a stream of data points for temperature, humidity, and gas level. A status box at the bottom right indicates '1 Simulation running'.

Event	Value	Format	Last Received
event_2	{"temp":79,"humidity":61,"gas_percent":11}	json	a few seconds ago
event_2	{"temp":73,"humidity":43,"gas_percent":44}	json	a few seconds ago
event_2	{"temp":49,"humidity":91,"gas_percent":93}	json	a few seconds ago
event_2	{"temp":8,"humidity":99,"gas_percent":14}	json	a few seconds ago
event_2	{"temp":30,"humidity":78,"gas_percent":66}	json	a few seconds ago