

SPRINT 1 : Creating a successful IoT device.

Team ID	PNT2022TMID51059
Project Title	Gas Leakage Monitoring & Alerting System For Industries
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The screenshot displays the IBM Watson IoT Platform interface. The top navigation bar includes tabs for 'Browse', 'Action', 'Device Types', and 'Interfaces'. A sidebar on the left contains icons for various IoT functions. The main content area shows a table of devices with columns for Device ID, Status, Device Type, Class ID, Date Added, and Descriptive Location. One device, 'GOT_1', is highlighted as 'Connected'. Below the table, a detailed view of the selected device is shown, including its identity, device information, recent events, state, and logs. The device information section lists the Device ID (GOT_1), Device Type (GOT), Date Added (Nov 19, 2022 8:40 AM), Added By (953619106022@ritrjpm.ac.in), and Connection Status (Connected). The connection status details include the Connection Time (Nov 19, 2022 9:24 AM) and Client Address (122.186.158.146 SecureToken). At the bottom right, a status box indicates '1 Simulation running'.

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
12345	Disconnected	GOT	Device	Nov 14, 2022 11:36 AM	
GOT_1	Connected	GOT	Device	Nov 19, 2022 8:40 AM	
Goms	Disconnected	Test1	Device	Nov 18, 2022 6:56 PM	

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1 Simulation running

Device Type: GOT

Events 1

Device actions

New event type +

Event type name

event_1

Send

Schedule

7

Every Minute

Payload

Specify the event payload in the editor window or by uploading a [CSV file.](#)

0 {

1 "Hazardousgas": random(0,100),

2 "Temperature" : random(0,100),

3 "Humidity" : random(0,100),

4 "Pressure" : random(0,100)

5 }

Upload a CSV file

Cancel

Save

The source code is given above in the image .

▼

GOT_1

Connected

GOT

Device

Nov 19, 2022 8:40 AM

→ ...

Identity

Device Information

Recent Events

State

Logs

X

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
event_1	{"Hazardousgas":3,"Temperature":19,"Humidity"...	json	a few seconds ago
event_1	{"Hazardousgas":16,"Temperature":79,"Humidit...	json	a few seconds ago
event_1	{"Hazardousgas":33,"Temperature":12,"Humidit...	json	a few seconds ago
event_1	{"Hazardousgas":15,"Temperature":54,"Humidit...	json	a few seconds ago
event_1	{"Hazardousgas":24,"Temperature":92,"Humidit...	json	a few seconds ago

This is the expected output.