

SPRINT 2

Team ID	PNT2022TMID02630
Project Name	Hazardous Area Monitoring for Industrial Plant powered by IoT

1. Device Creation using IoT Watson platform with credentials:

- IBM Watson IoT platform acts as the mediator to connect the web application to the IoT device, so create the IBM Watson IoT platform.
- In order to connect the IoT device to the IBM cloud, we need to create a device in the IBM Watson IoT platform and get the device credentials.
- To configure the connection security and create API keys that are used in the Node-RED service for accessing the IBM IoT Platform.

The screenshot displays the 'Browse Devices' interface of the IBM Watson IoT Platform. The page features a sidebar with navigation icons, a top navigation bar with 'Browse', 'Action', 'Device Types', and 'Interfaces', and a bottom status bar indicating '1 Simulation running'.

The main content area is titled 'Browse Devices' and includes a 'Diagnose' button. Below this, a table lists the devices:

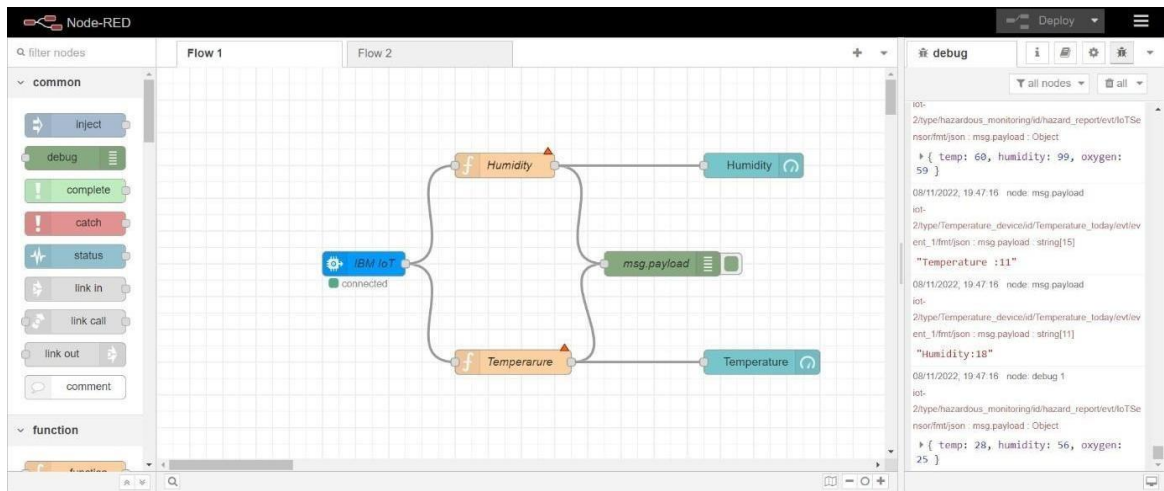
Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
Temperature_today	Disconnected	Temperature_device	Device	23 Oct 2022 13:21	
hazard_report	Connected	hazardous_monitoring	Device	6 Nov 2022 19:37	

The 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.

Items per page: 50 | 1-2 of 2 items

1 of 1 page

1 Simulation running



3.Cloudant DB is used to create a database to store the location data.

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Databases

Database name ▾

🗄️ Create Database

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Your Databases

Name	Size	# of Docs	Partitioned	Actions
hazard	14 bytes	1	No	<div>🔄</div> <div>🔒</div> <div>🗑️</div>
noderedmfcnc20221108	25.7 KB	4	No	<div>🔄</div> <div>🔒</div> <div>🗑️</div>

Showing 1–2 of 2 databases.

Databases per page 20 ▾

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