

SPRINT 2

Team ID	PNT2022TMID41855
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.

Browse Action Device Types Interfaces Add Device

Browse Devices

All Devices Diagnose

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.

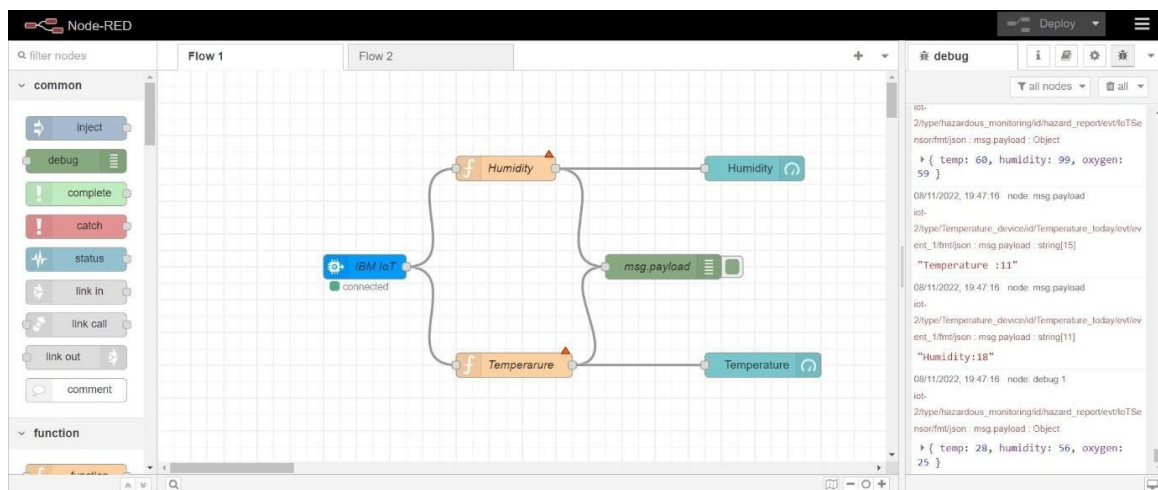
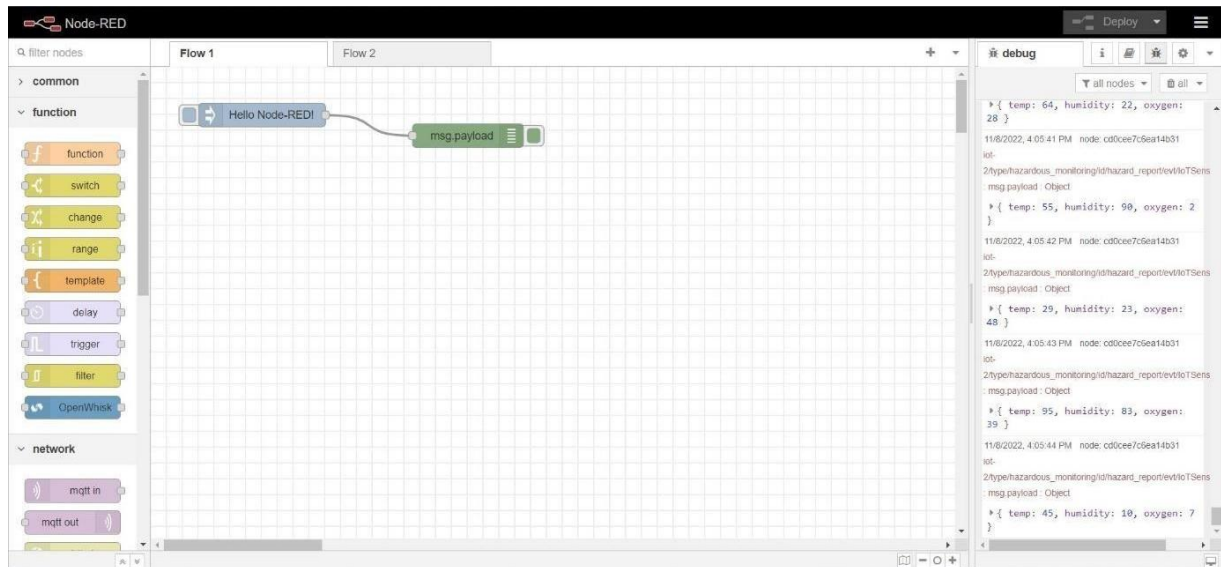
Search by Device ID Device Simulator

<input type="checkbox"/>	Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
> <input type="checkbox"/>	Temperature_today	Disconnected	Temperature_device	Device	23 Oct 2022 13:21	
> <input type="checkbox"/>	hazard_report	Connected	hazardous_monitoring	Device	6 Nov 2022 19:37	

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1 Simulation running

2. Required Performance of device using Local Node-Red Platform:





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


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Databases

Database name ▾









 Create Database

 JSON





Your Databases

Name	Size	# of Docs	Partitioned	Actions
hazard	14 bytes	1	No	   
noderedmfcnc20221108	25.7 KB	4	No	   

Log Out

Showing 1–2 of 2 databases. Databases per page 20 ▾

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