

## **PROJECT DEVELOPMENT PHASE**

### **SPRINT-3**

DATE	16 November 2022
TEAM ID	PNT2022TMID35489
TITLE	Gas Leakage Monitoring and Alerting System for Industries

#### **AIM:**

To bring sensed data to NODE-RED and display it in dashboard.

#### **STEPS:**

- IBM IOT Node-Red is used to gather data using API keys and connection is established.
- The functions Temperature and Humidity are obtained and displayed in dashboard.

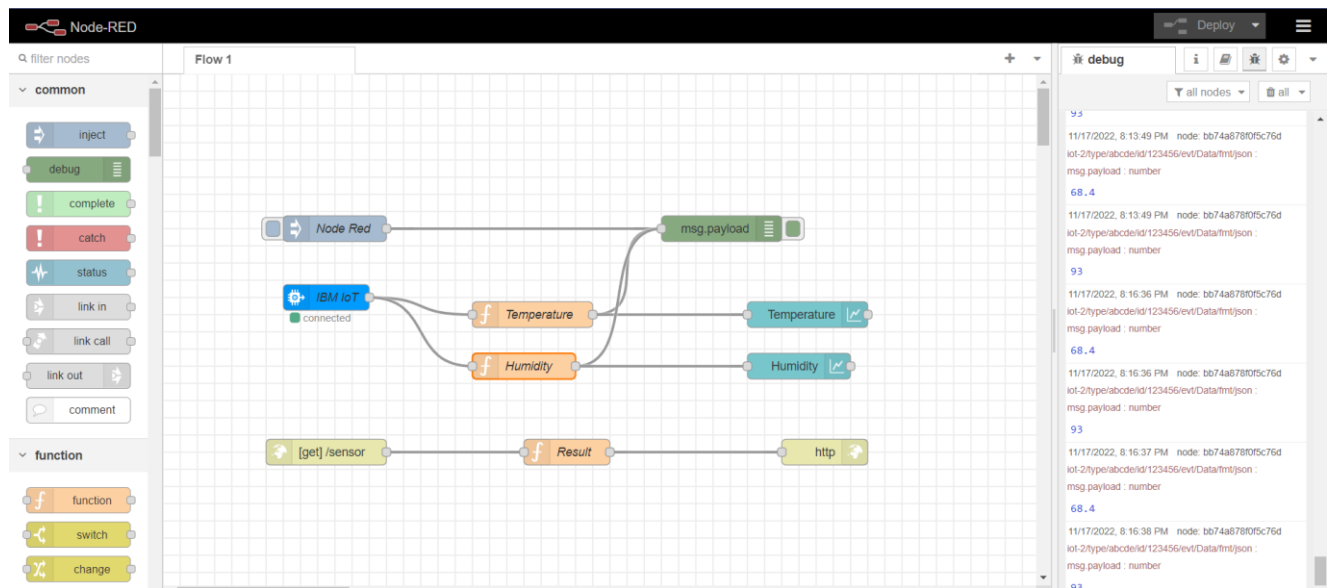
#### **SOURCE CODE:**

Temperature:           msg.payload=msg.payload.temp  
                          return msg;

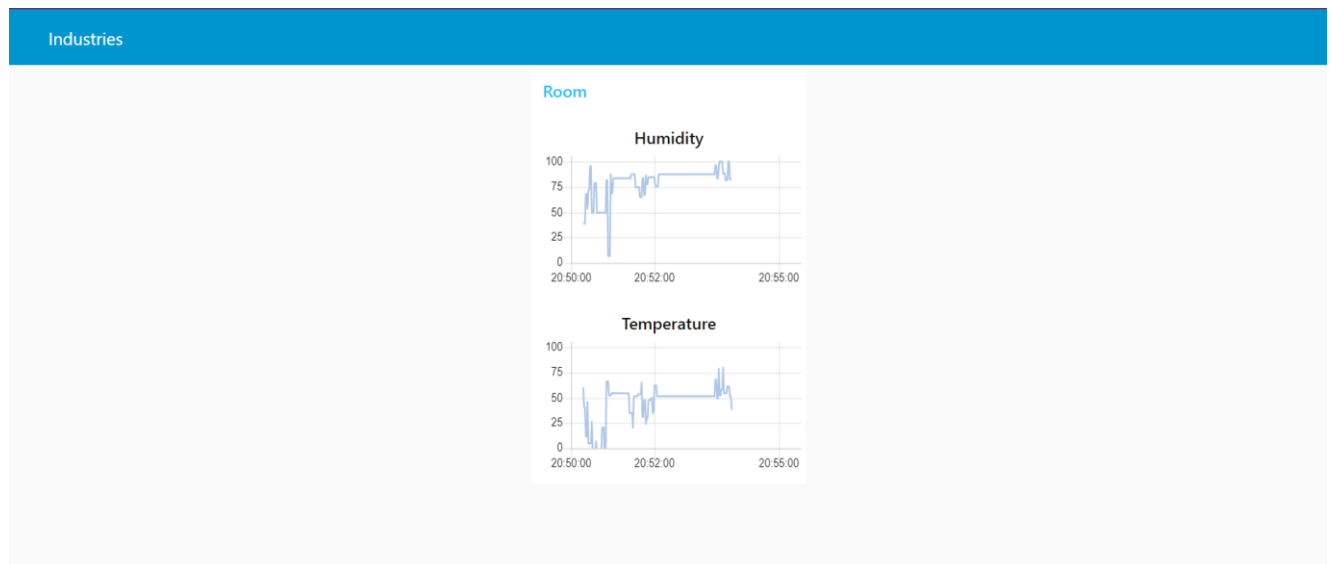
Humidity:             msg.payload=msg.payload.humid  
                          return msg;

## OUTPUT:

### 1.Data is brought to Node-Red



### 2.Data is displayed in the Dashboard.



## IBM IOT WATSON:

IBM Watson IoT Platform

2019105584@student.annauniv.edu  
ID: d4fpcb

Browse

Action

Device Types

Interfaces

Q

Add Device

	Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
<div> <div></div> <div>123456</div> </div>	Connected	abcde	Device	Nov 12, 2022 8:50 PM		

Identity

Device Information

Recent Events

State

Logs

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

Event	Value	Format	Last Received
Data	{"temp":68.4,"Humid":93}	json	a few seconds ago

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## Event Payload

Event Name

Data

Time Received

Nov 17, 2022 8:58 PM