

PROJECT DEVELOPMENT PHASE

Sprint - 2

Date	09 November 2022
Team ID	PNT2022TMID16363
Project Name	Industry-specific intelligent fire management system
Maximum Marks	20 Marks

Step – 1:

Create a Device using IBM IoT platform:

The screenshot displays the IBM Watson IoT Platform dashboard. The top navigation bar includes tabs for 'Browse', 'Action', 'Device Types', and 'Interfaces'. A sidebar on the left contains icons for various platform features. The main content area shows a table of devices. One device, 'testid', is selected, and its details are shown in a modal window. The device is in a 'Disconnected' state and was added on 'Nov 15, 2022 10:07 AM' by user '1916002@saec.ac.in'.

IBM Watson IoT Platform

1916002@saec.ac.in
ID: v8dy66

Add Device

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

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
12345	Disconnected	testid	Device	Nov 15, 2022 10:07 AM	

Identity

Device Information

Recent Events

State

Logs

Device ID: 12345

Device Type: testid

Date Added: Nov 15, 2022 10:07 AM

Added By: 1916002@saec.ac.in

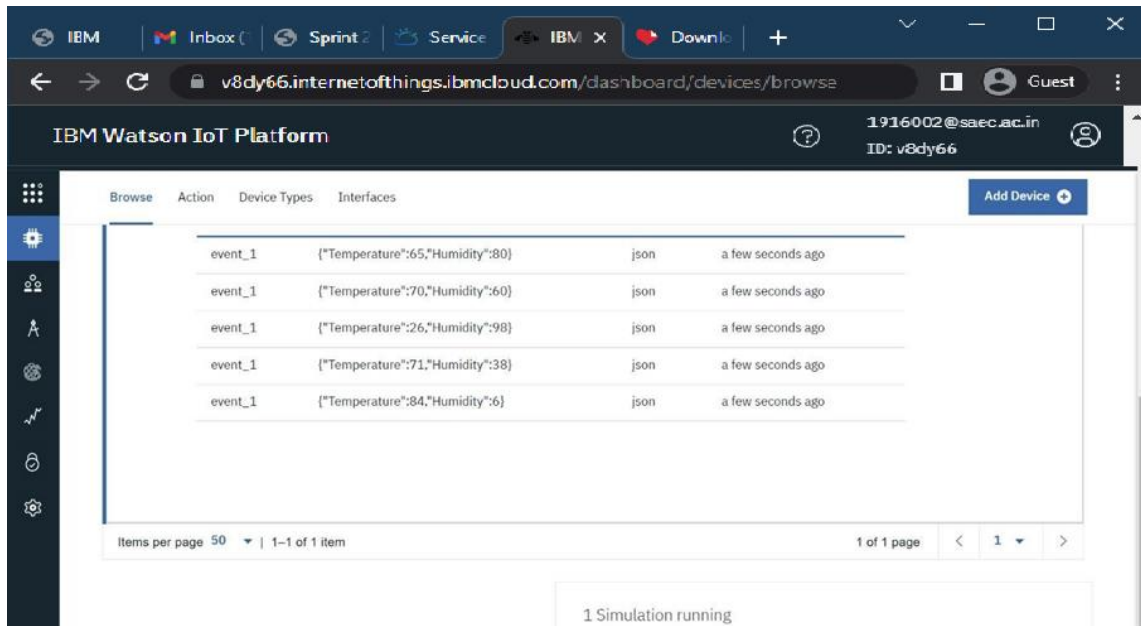
Connection Status: Disconnected

Items per page: 50 | 1-1 of 1 item

1 of 1 page

Step – 2

Generating Simulation:



The screenshot displays the IBM Watson IoT Platform dashboard. The browser address bar shows the URL `v8dy66.internetofthings.ibmcloud.com/dashboard/devices/browse`. The user is logged in as a Guest with the email `1916002@saec.ac.in` and ID `v8dy66`. The dashboard has a sidebar with various icons and a main content area with tabs for Browse, Action, Device Types, and Interfaces. The 'Browse' tab is active, showing a table of events. The table has five rows, each representing an event with a unique ID, a JSON payload containing temperature and humidity data, a format of 'json', and a timestamp of 'a few seconds ago'. Below the table, there is a pagination control showing 'Items per page 50' and '1 of 1 page'. At the bottom of the dashboard, a status bar indicates '1 Simulation running'.

Event ID	Payload	Format	Timestamp
event_1	{"Temperature":65,"Humidity":80}	json	a few seconds ago
event_1	{"Temperature":70,"Humidity":60}	json	a few seconds ago
event_1	{"Temperature":26,"Humidity":98}	json	a few seconds ago
event_1	{"Temperature":71,"Humidity":38}	json	a few seconds ago
event_1	{"Temperature":84,"Humidity":6}	json	a few seconds ago

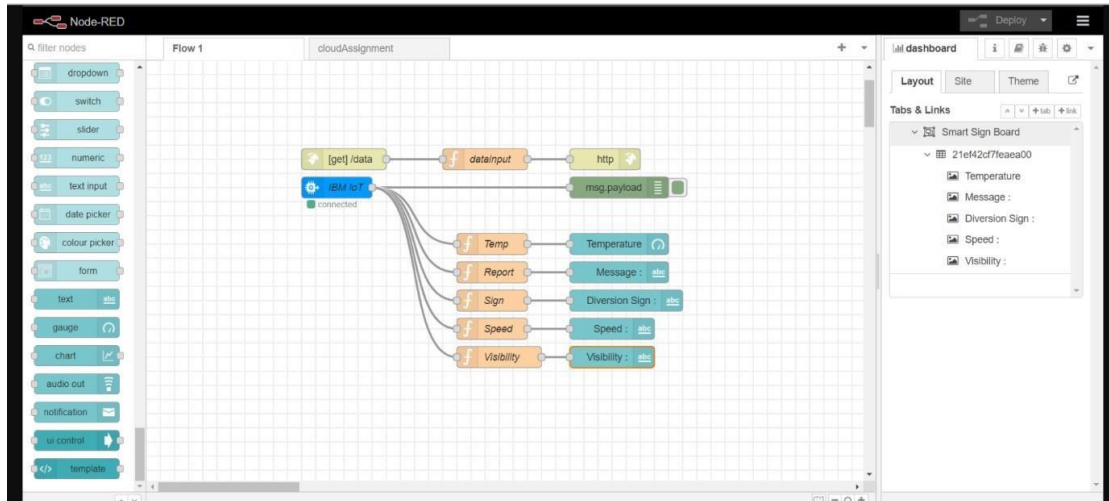
Items per page 50 | 1-1 of 1 item

1 of 1 page

1 Simulation running

Step – 3:

Creating Node-Red:



Step – 4:

Altering Link using ui to get the Graphical output :

