

## PROJECT DEVELOPMENT PHASE

### Sprint - 2

Date	09 November 2022
Team ID	PNT2022TMID16431
Project Name	Signs with Smart Connectivity for Better Road Safety
Maximum Marks	20 Marks

#### Step – 1:

Create a Device using IBM IoT platform:

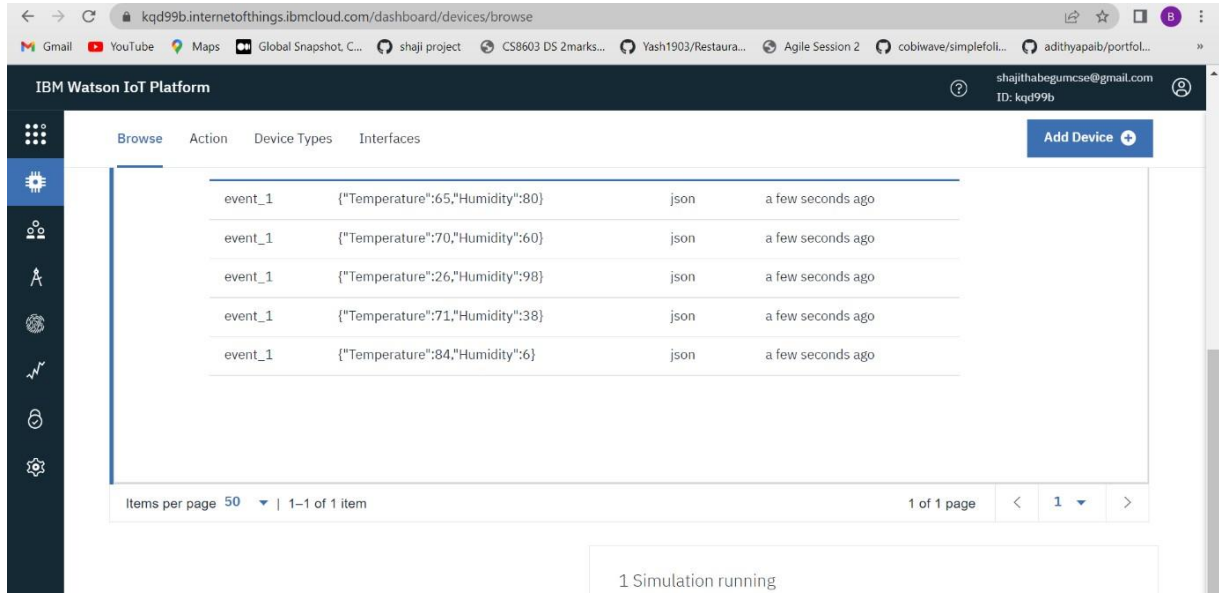
The screenshot displays the IBM Watson IoT Platform dashboard. The browser address bar shows the URL: [kqd99b.internetofthings.ibmcloud.com/dashboard/devices/browse](https://kqd99b.internetofthings.ibmcloud.com/dashboard/devices/browse). The dashboard header includes the IBM Watson IoT Platform logo and a user profile for 'shajithabegumcse@gmail.com' with ID 'kqd99b'. The main navigation bar has tabs for 'Browse', 'Action', 'Device Types', and 'Interfaces'. A 'Add Device' button is visible in the top right. The central area shows a list of devices, with one device selected: 'Shaji1702'. The device details panel is open, showing the following information:

Identity	Device Information	Recent Events	State	Logs
Device ID	Shaji1702			
Device Type	Shaji			
Date Added	Nov 7, 2022 10:19 AM			
Added By	shajithabegumcse@gmail.com			
Connection Status	Disconnected			

At the bottom of the dashboard, there is a status bar indicating '1 Simulation running'.

## Step – 2

### Generating Simulation:



The screenshot shows the IBM Watson IoT Platform dashboard. The top navigation bar includes the IBM logo and the text "IBM Watson IoT Platform". The main content area displays a table of simulated events. The table has four columns: "event\_1", a JSON object representing sensor data, "json", and "a few seconds ago". The data rows show varying temperature and humidity values. Below the table, there is a status indicator "1 Simulation running".

event_1	JSON Data	Format	Time
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

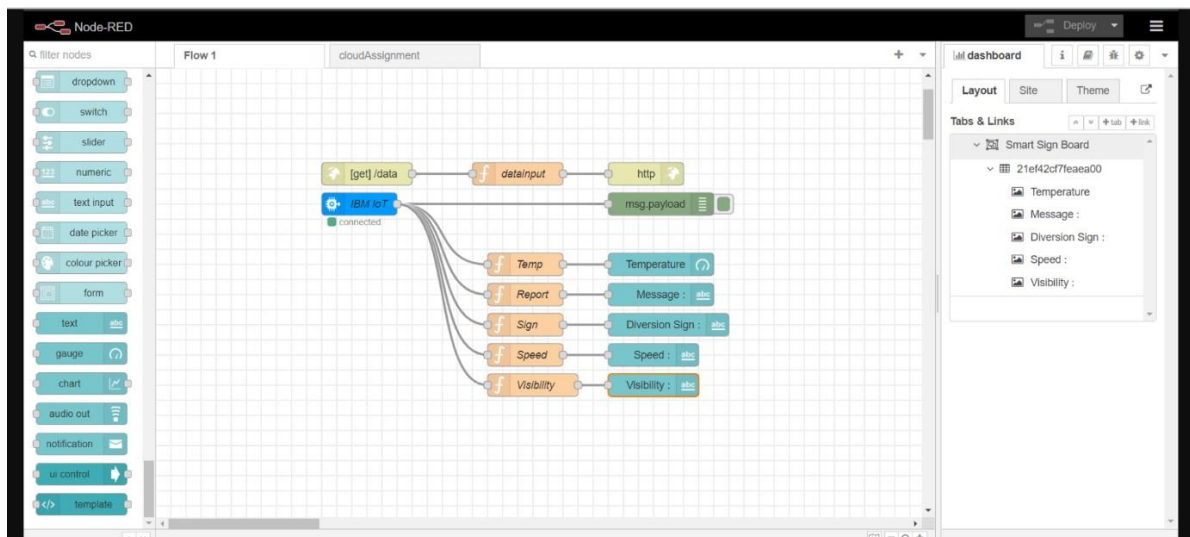
Items per page 50 | 1–1 of 1 item

1 of 1 page

1 Simulation running

## Step – 3:

### Creating Node-Red:



Step – 4:

Altering Link using ui to get the Graphical output :

