

SPRINT 2

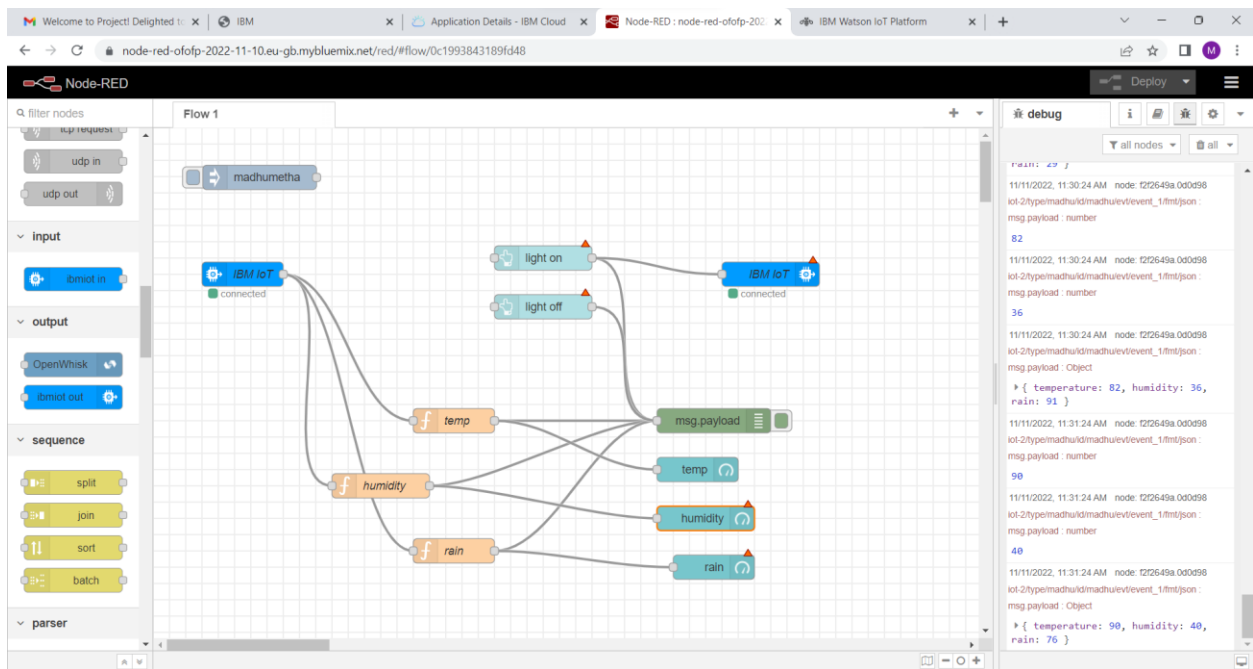
TEAMID	PNT2022TMID01063
PROJECT NAME	SIGNS WITH SMART CONNECTIVITY FOR BETTER ROAD SAFETY

Configure the connection security and create API keys that are used in the Node red service for accessing the IBM lot platform

API KEY: a-8dxkha-bbswuvi5j6

APi token: gpL*E_(COm8sq6kBEN

Creation of node red service



The input is given to IBM IoT device and the credentials are entered.

The screenshot shows the Node-RED web interface in a browser. The main workspace displays a flow named 'Flow 1' with an 'IBM IoT' node connected to 'temp', 'humidity', and 'rain' nodes. The left sidebar contains various node categories: filter nodes, input, output, sequence, and parser. The right sidebar shows the 'debug' console with a list of messages.

The 'Edit ibmiot node' panel is open, showing the following configuration:

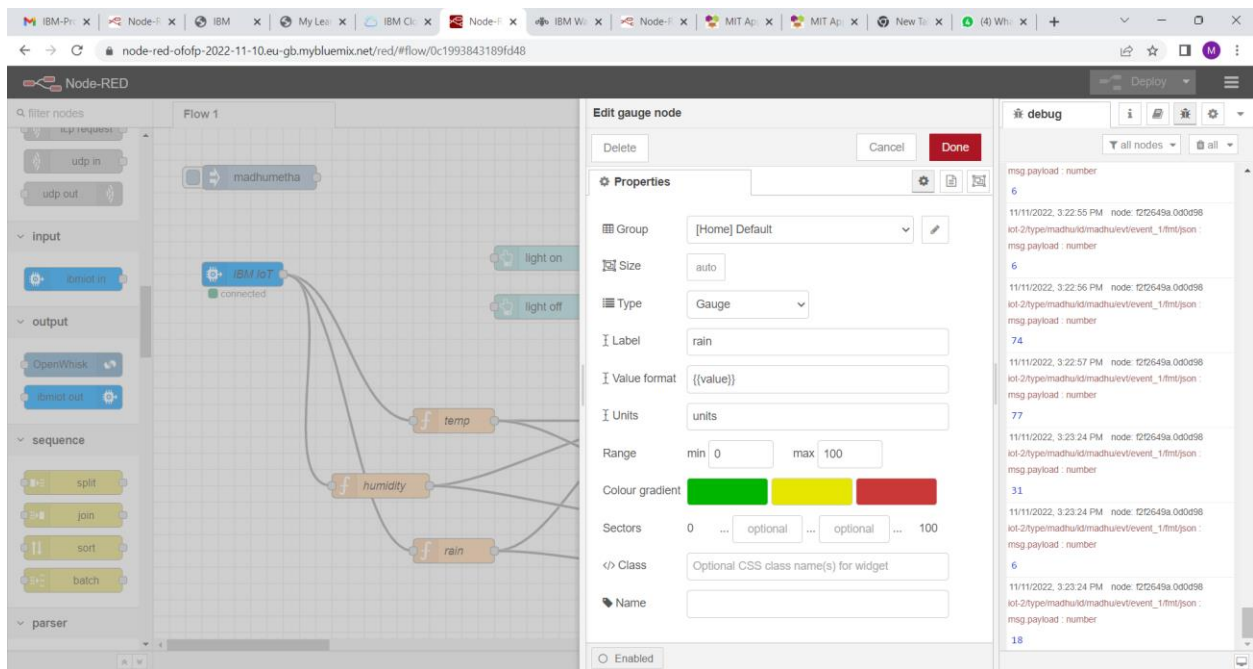
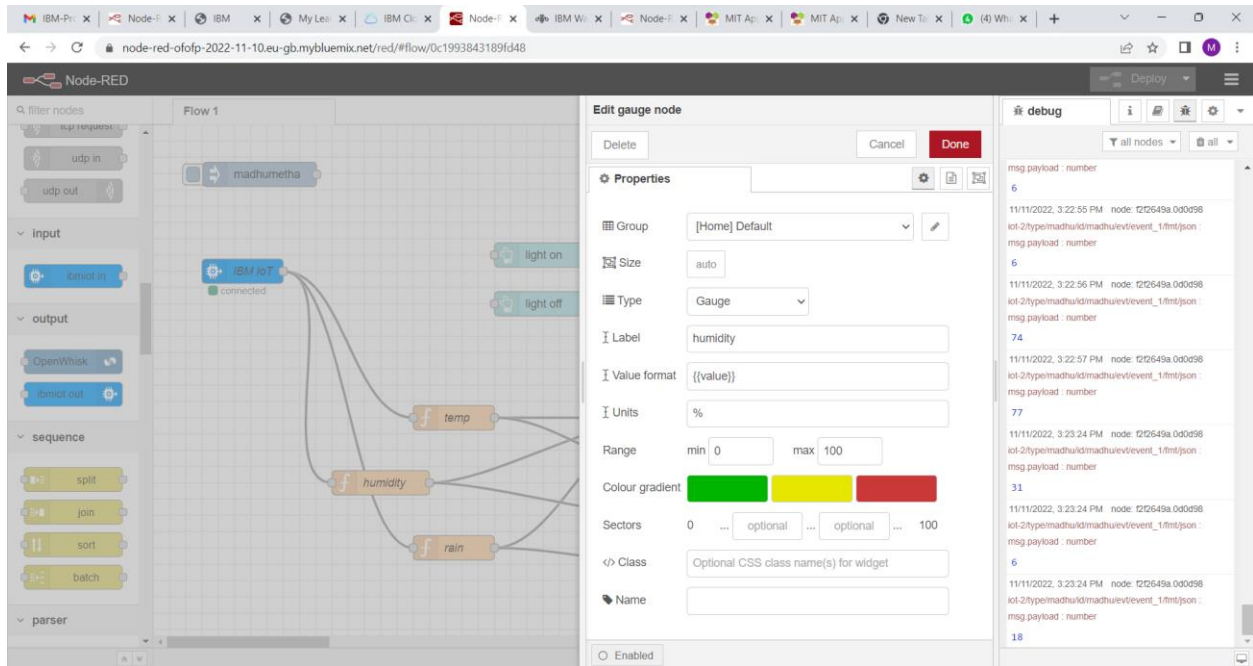
- Authentication:** API Key
- API Key:** abode
- Input Type:** Device Event
- Device Type:** All or madhu
- Device Id:** All or madhu
- Event:** All or +
- Format:** All or json
- QoS:** 0
- Name:** IBM IoT
- Service:** registered

Use the Input Type property to configure this node to receive Events sent by IoT Devices, Commands sent to IoT Devices, Status Messages referring to IoT Devices, or Status Messages referring to

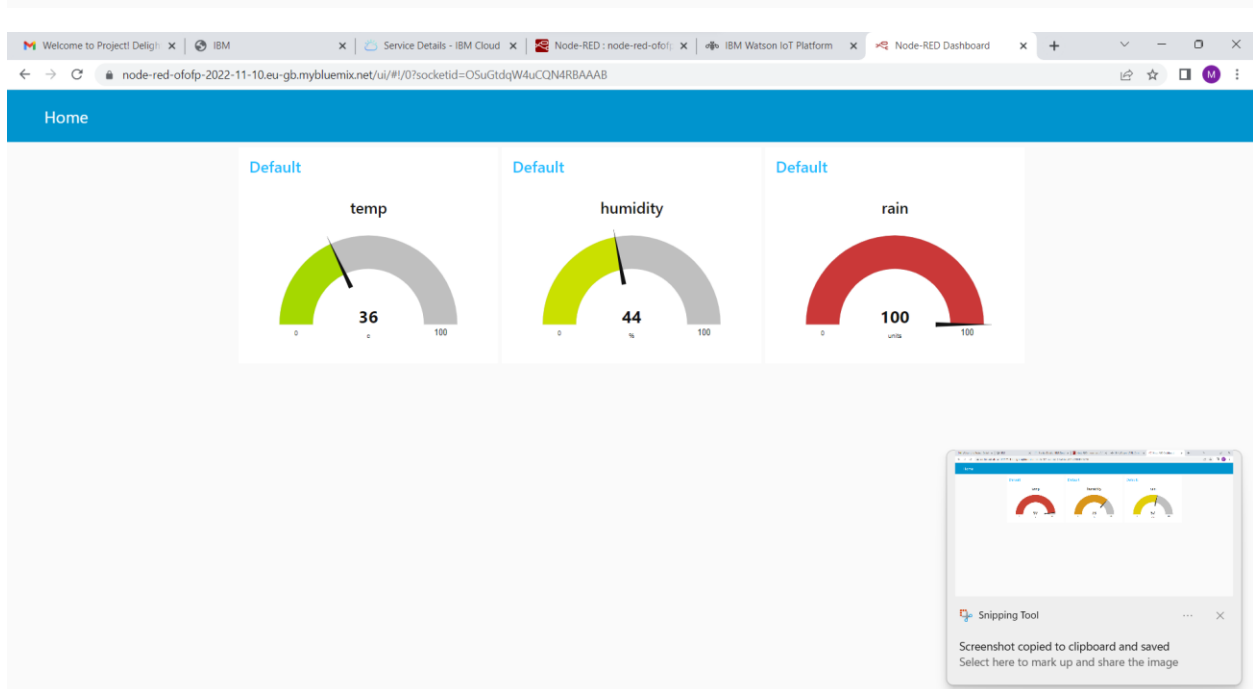
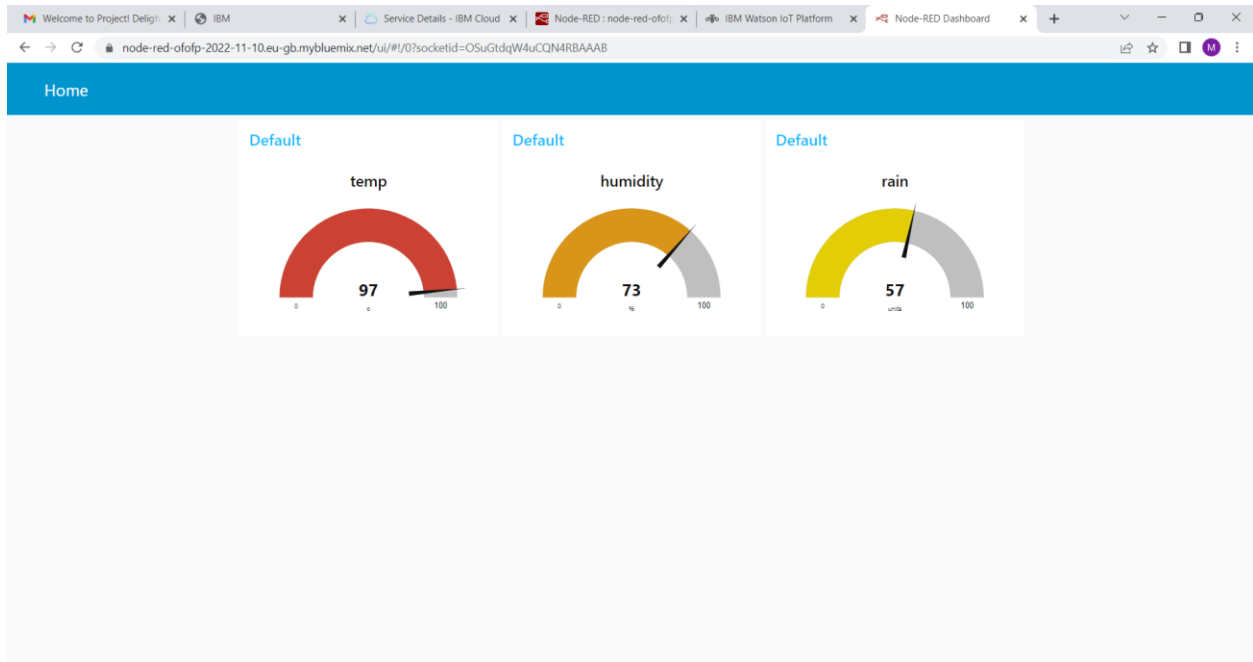
The screenshot shows the Node-RED web interface with the 'Edit gauge node' panel open. The main workspace shows the same flow as the previous screenshot. The left sidebar is identical. The right sidebar shows the 'debug' console with a list of messages.

The 'Edit gauge node' panel is open, showing the following configuration:

- Group:** [Home] Default
- Size:** auto
- Type:** Gauge
- Label:** temp
- Value format:** {{value}}
- Units:** c
- Range:** min 0 max 100
- Colour gradient:** Green, Yellow, Red
- Sectors:** 0 ... optional ... optional ... 100
- Class:** Optional CSS class name(s) for widget
- Name:**



The output of the above events is mentioned below:



The output can also be viewed from the below link

<https://node-red-ofofp-2022-11-10.eu-gb.mybluemix.net/ui>

