#### **BUILD A WEB-BASED APPLICATION USING NODE-RED**

### GAS LEAKAGE MONITORING & ALERTING SYSTEM FOR INDUSTRIES

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# 1. Connecting the nodes as shown below

IOT domain - IN node

Project submission -Function node

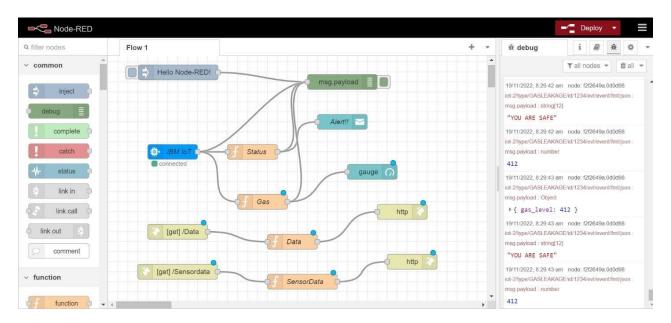
Display panel -Template node

IoT domain (selected on the screen) -Response node

# 2.Designing the structure of the web page

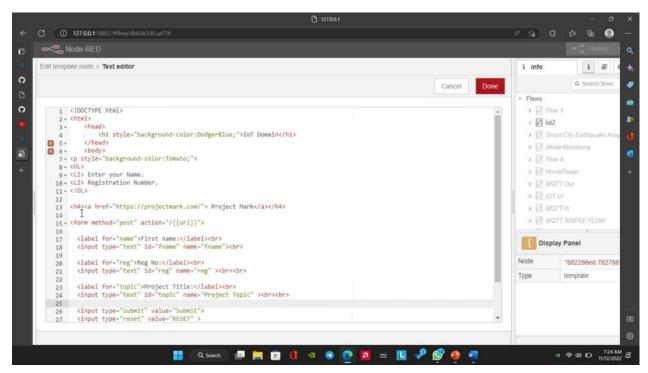
Code used: HTML

**The HyperText Markup Language or HTML** is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets and scripting languages such as JavaScript.



Web template system: Mustache

**Mustache** is a logic-less templating system. A Mustache template is a text string containing text and tags that represent data. The Mustache rendering engine takes a template and substitutes the tags with the data from a given data context.



#### **3.FINAL OUTPUT**

