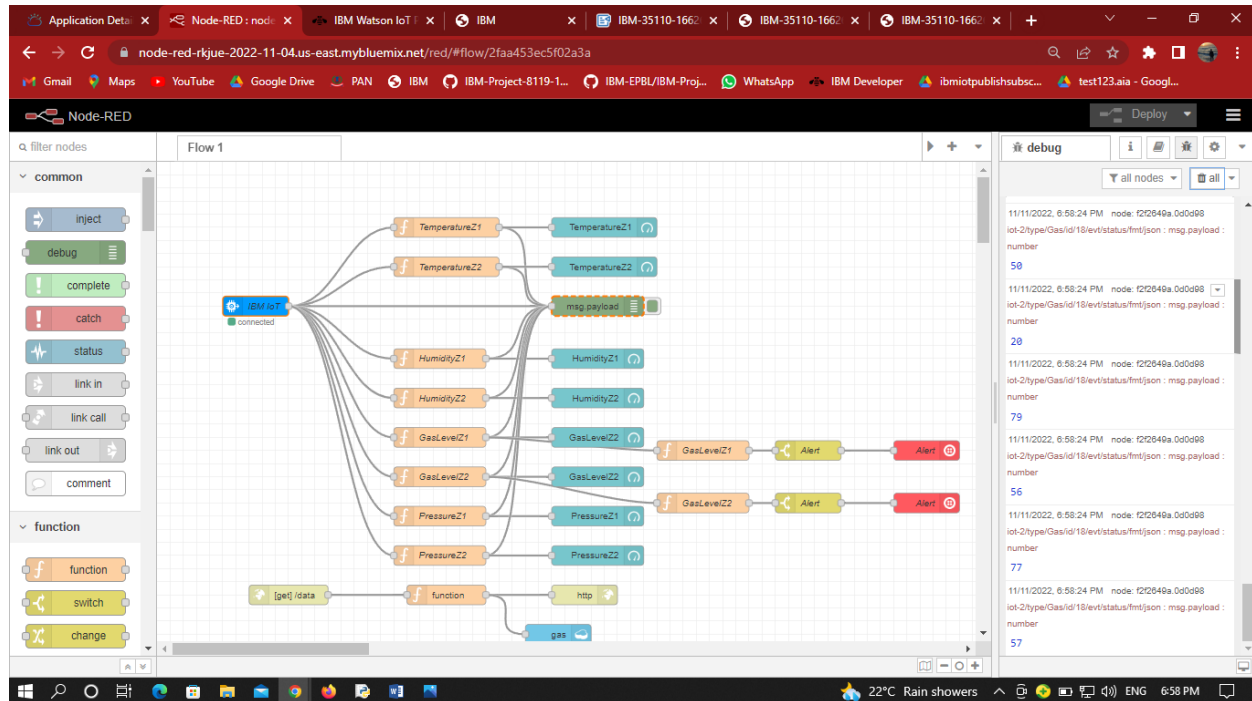


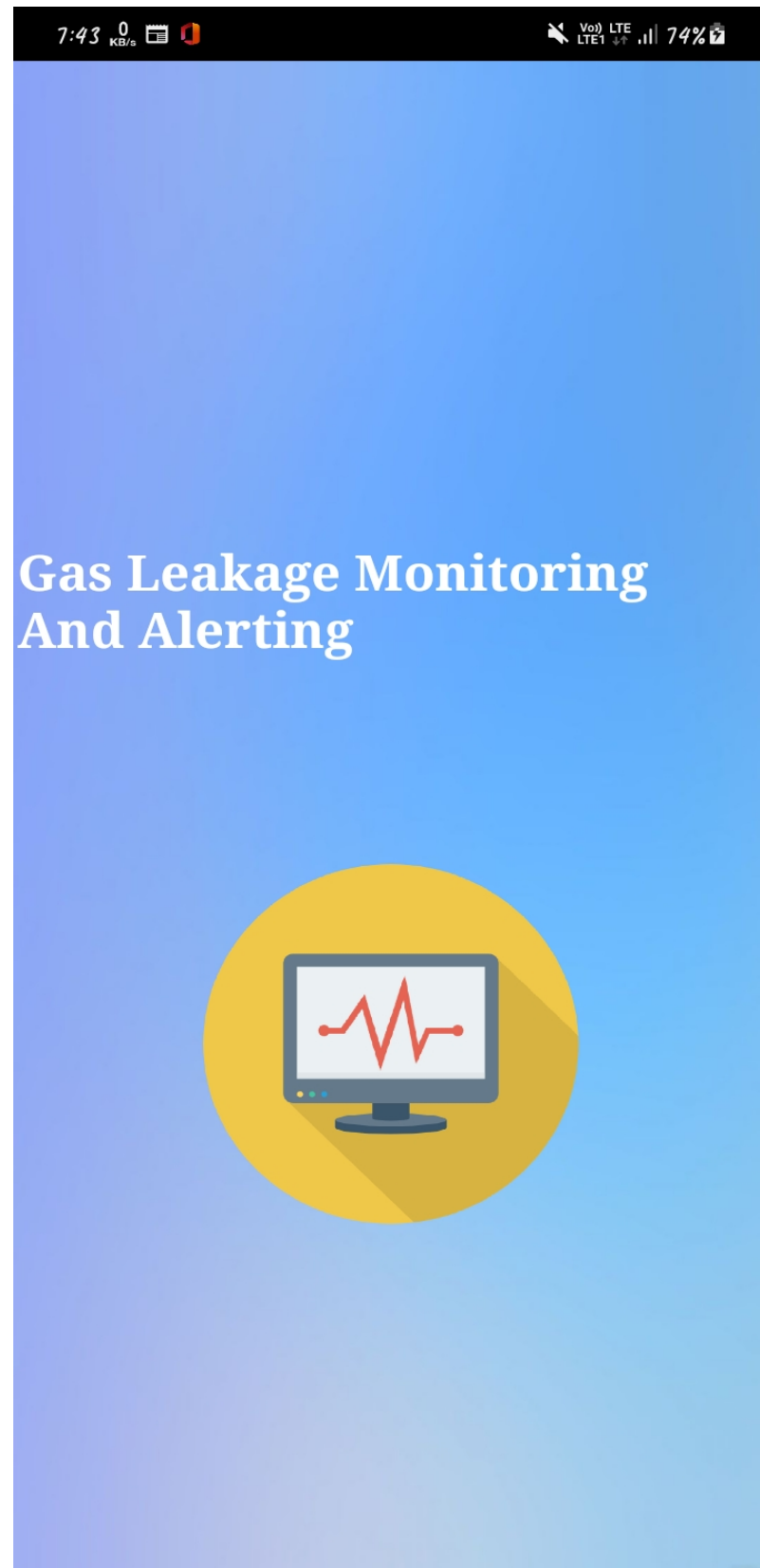
DEVELOP A WEB APPLICATION USING NODE-RED SERVICE

Team ID	PNT2022TMID41307
Project Name	Gas Leakage Monitoring and Alerting System for Industries

Using Node-Red to connect Mobile App:




Mobile App:



Login Screen:

7:43 0 KB/s

Voice LTE LTE1 74%



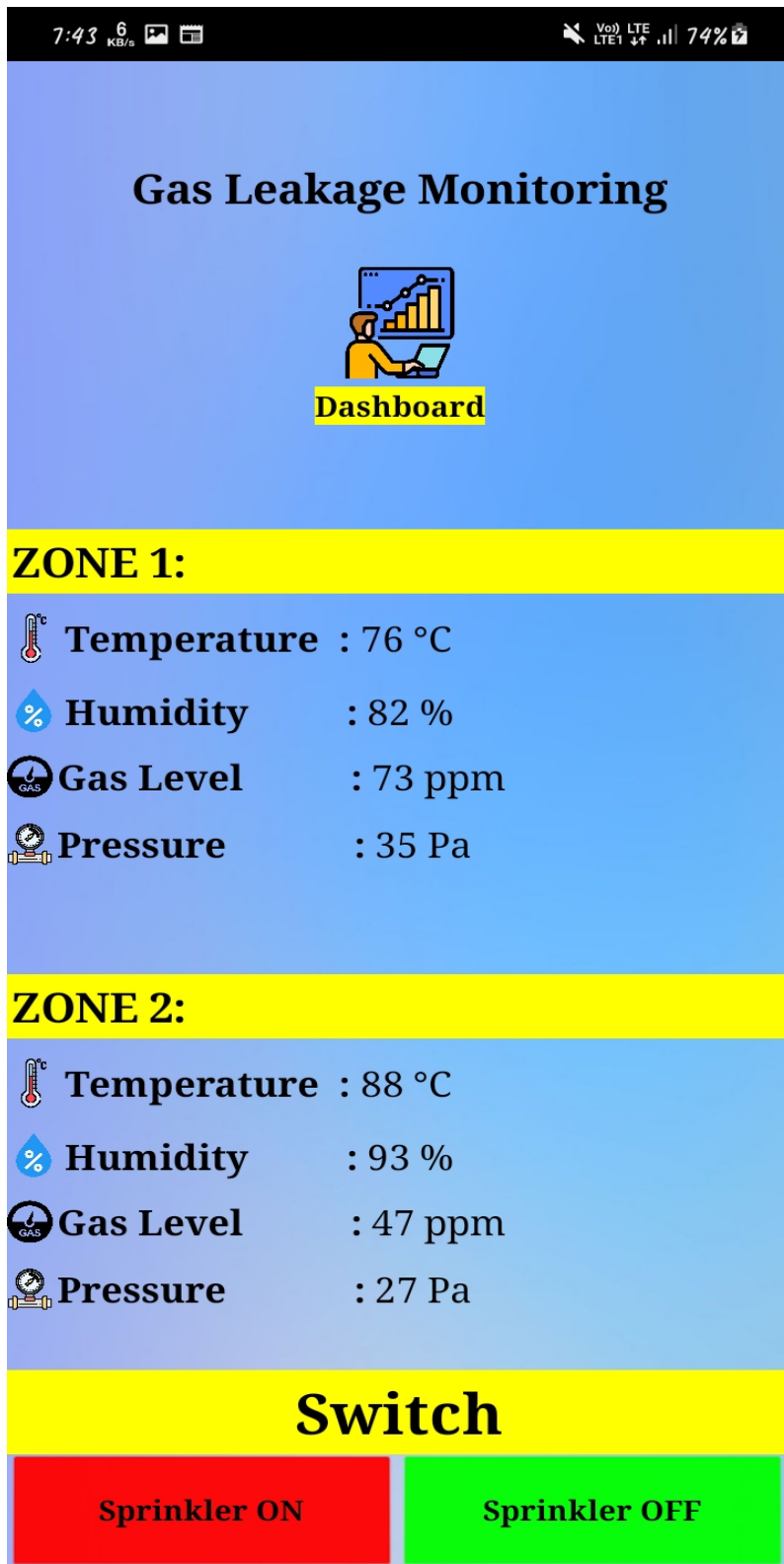
Sign In

User Name:

Password :

Login

Home Screen:



BLOCK:

The screenshot displays the MIT App Inventor web interface in a browser. The address bar shows the URL `ai2.appinventor.mit.edu/#5507848797552640`. The interface includes a top navigation bar with links like "Service Detail", "IBM Watson", "Node-RED", and "MIT App Inventor". Below this is a "GAS" (Google App Script) section with buttons for "Screens", "Add Screen", "Remove Screen", and "Publish to gallery".

The main workspace is divided into two panels: "Blocks" on the left and "Viewer" on the right. The "Blocks" panel shows a library of built-in blocks categorized into Control, Logic, Math, Text, Lists, Dictionaries, Colors, Variables, and Procedures. The "Viewer" panel displays a visual representation of the code blocks arranged in a flowchart.

The code logic is as follows:

- when Clock1.Timer** (Trigger):
 - do** (Loop):
 - set Web1.Uri** to `https://node-red-ryue-2022-11-04-us-east-myblue...`
 - call Web1.Get**
- when Web1.GetText** (Trigger):
 - do** (Loop):
 - set Label3.Text** to **look up in pairs** key `TemperatureZ1`
 - pairs** (List):
 - call Web1.JsonTextDecode** (jsonText) **get responseContent**
 - set Label5.Text** to **look up in pairs** key `HumidityZ1`
 - pairs** (List):
 - call Web1.JsonTextDecode** (jsonText) **get responseContent**
 - set Label7.Text** to **look up in pairs** key `GasLevelZ1`
 - pairs** (List):
 - call Web1.JsonTextDecode** (jsonText) **get responseContent**
 - set Label23.Text** to **look up in pairs** key `PressureZ1`
 - pairs** (List):
 - call Web1.JsonTextDecode** (jsonText) **get responseContent**
 - set Label14.Text** to **look up in pairs** key `TemperatureZ2`

The "Viewer" panel also includes a "Show Warnings" button and a "Designer" button. The bottom status bar shows the system clock as 8:54 PM and the language as ENG.