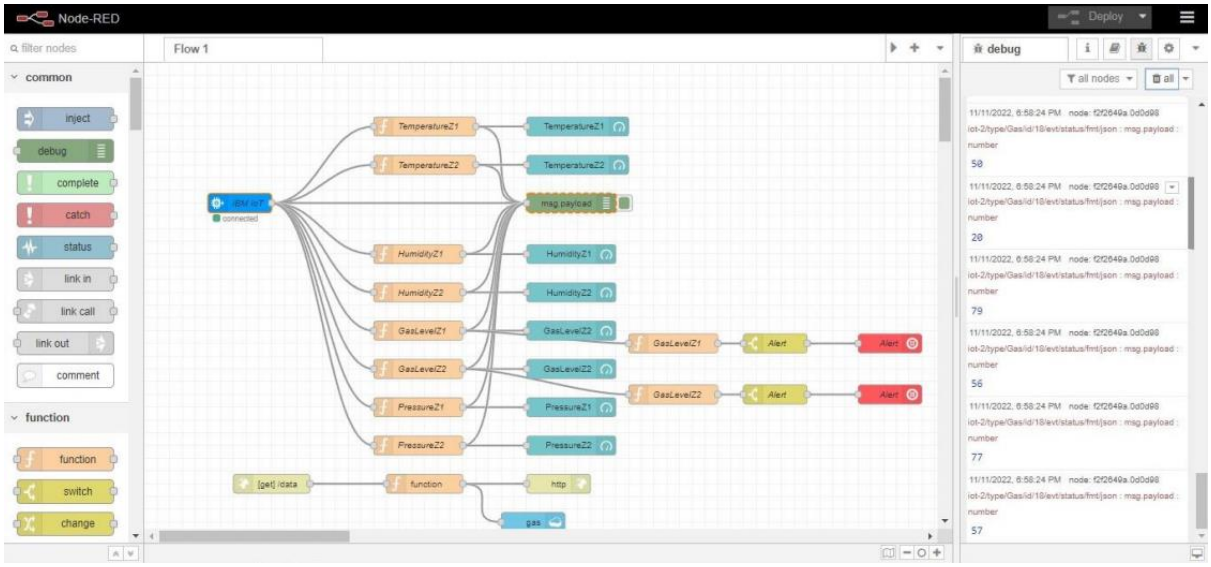
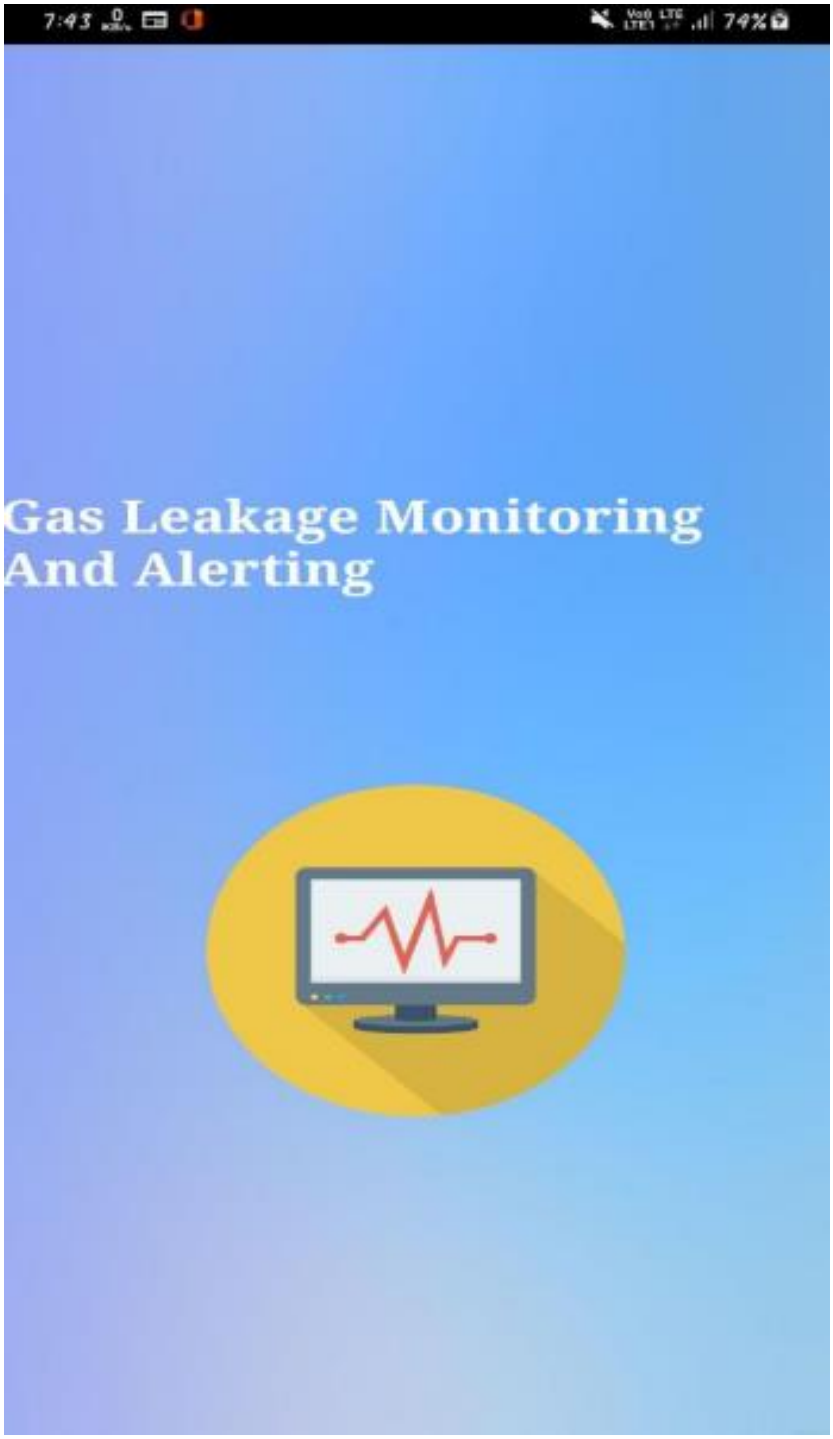
DEVELOP A WEB APPLICATION USING NODE-RED SERVICE

Team ID	PNT2022TMID53571
Project Name	Gas Leakage Monitoring and Alerting System for Industries

Using Node-Red to connect Mobile App:

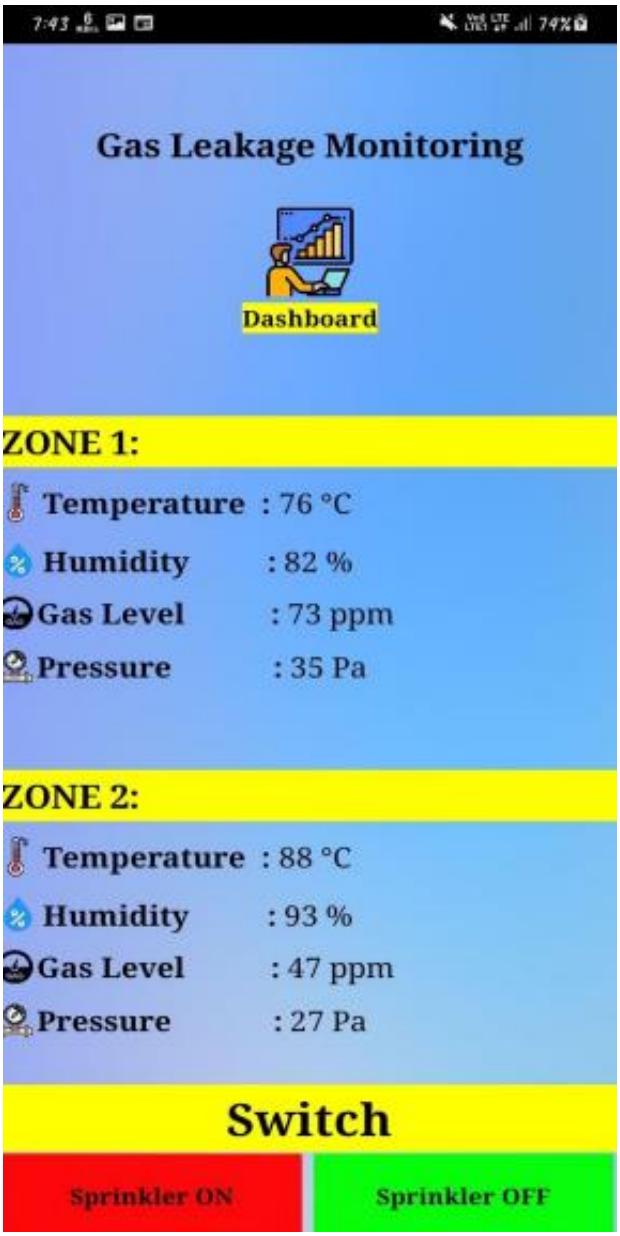


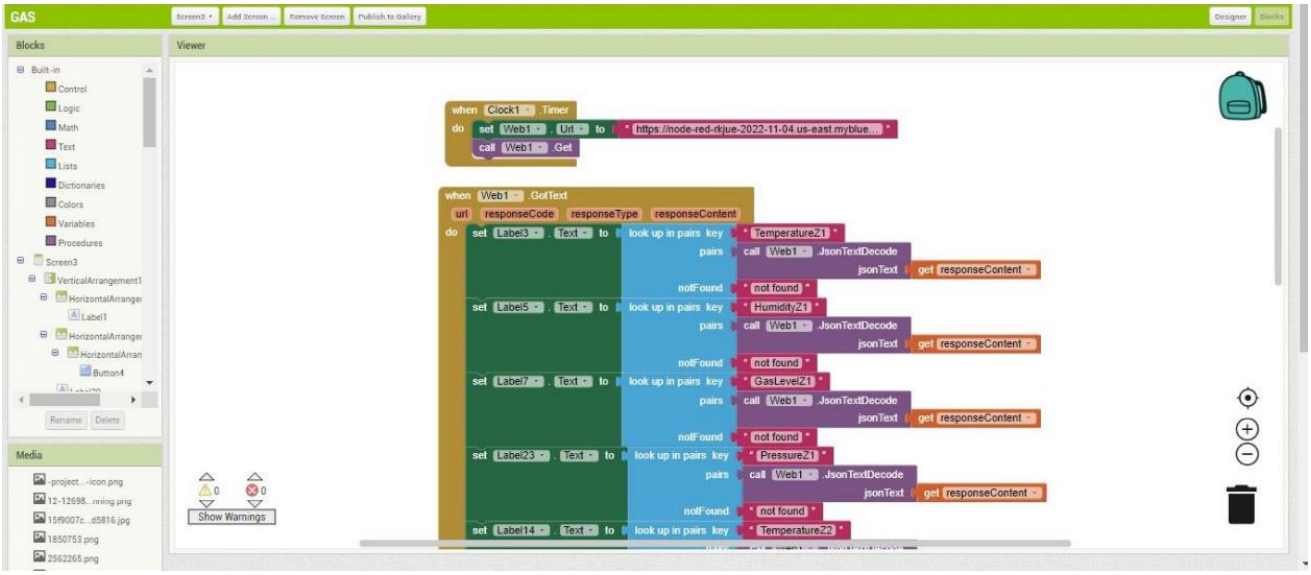
Mobile App:



Login Screen:

Home Screen:


Gas Leakage Monitoring
Dashboard
ZONE 1:
Temperature : 76 °C
Humidity : 82 %
Gas Level : 73 ppm
Pressure : 35 Pa
ZONE 2:
Temperature : 88 °C
Humidity : 93 %
Gas Level : 47 ppm
Pressure : 27 Pa
Switch
Sprinkler ON
Sprinkler OFF


GAS
Screen3
Add Screen ...
Remove Screen
Publish to Gallery
Designer
Blocks
Blocks
Viewer
Built-in
Control
Logic
Math
Text
Lists
Dictionaries
Colors
Variables
Procedures
Screen3
VerticalArrangement1
Label1
Button4
Rename
Delete
Media
Show Warnings
when Clock1 .Timer
do set Web1 . Url to " https://node-red-rkjue-2022-11-04.us-east.myblue... "
call Web1 .Get
when Web1 .GotText
url responseCode responseType responseContent
do set Label3 . Text to look up in pairs key " TemperatureZ1 "
pairs call Web1 .JsonTextDecode
jsonText get responseContent
notFound " not found "
set Label5 . Text to look up in pairs key " HumidityZ1 "
pairs call Web1 .JsonTextDecode
jsonText get responseContent
notFound " not found "
set Label7 . Text to look up in pairs key " GasLevelZ1 "
pairs call Web1 .JsonTextDecode
jsonText get responseContent
notFound " not found "
set Label23 . Text to look up in pairs key " PressureZ1 "
pairs call Web1 .JsonTextDecode
jsonText get responseContent
notFound " not found "
set Label14 . Text to look up in pairs key " TemperatureZ2 "