

Technology Stack (Architecture & Stack)

Team ID	PNT2022TMID52179
Project Name	Gas Leakage Monitoring and Alerting System
Maximum Marks	2 Marks

Technology architecture:

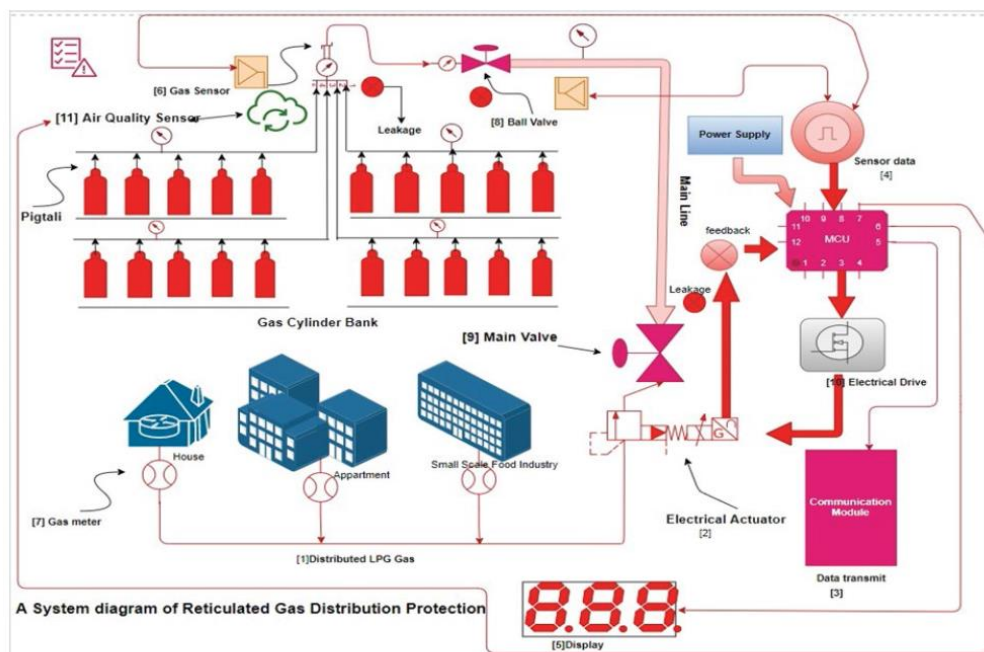


Figure 1. Control and protection scheme of reticulated gas distribution system.

Components & Technologies:

S. No	Components	Description	Technology
1.	Microcontroller MQ2 gas sensor	The MQ2 is a flammable gas and smoke sensor detects the concentration of combustible.	Gas sensor.
2.	Buzzer	Audible sign of the present of LPG volume.	Audio signaling device.
3.	LCG display	Wall mounted device fitted close to the floor level with an alarm setting at 20%.	Sigma delta.