

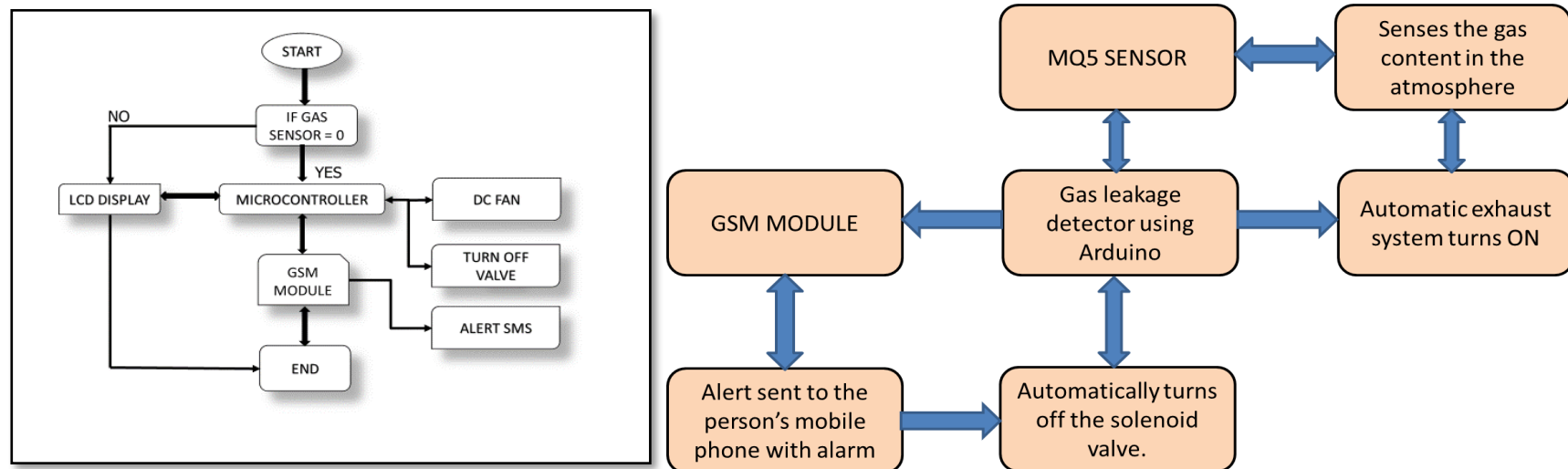
Project Design Phase-II Data Flow Diagram & User Stories

Date	19 September 2022
Project Name	Gas Leakage monitoring & Alerting system for Industries
Project TEAM members	Sundhareshwaraa M Yuvaraj M Rishva R Vinodh kannan M S

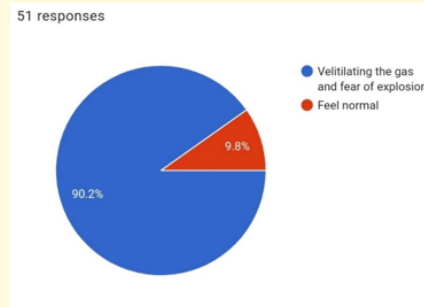
Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

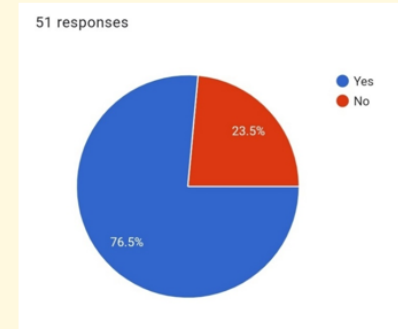
Example: [\(Simplified\)](#)



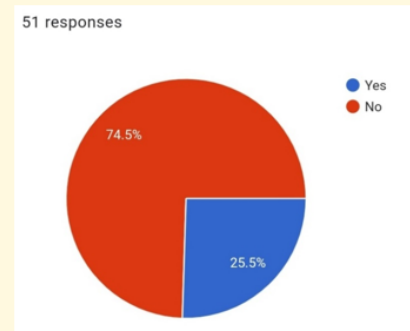
Q1. What are the difficulties you have faced during the gas leaking situations?



Q2. Do you need any device which will alert you when there is any gas leak and turns on the exhaust system and turns off the valve?



Q3. Have you ever seen any device like this?



Q4. In which places do this device is required?

