Gas Leakage Monitoring and Alerting System

Data Flow Diagram

Date	15 October 2022
Team ID	PNT2022TMID33614
Project Name	Gas leakage monitoring and alerting system for industries
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Data Flow Diagram for Gas Leakage Monitoring and Alerting System for Industries:
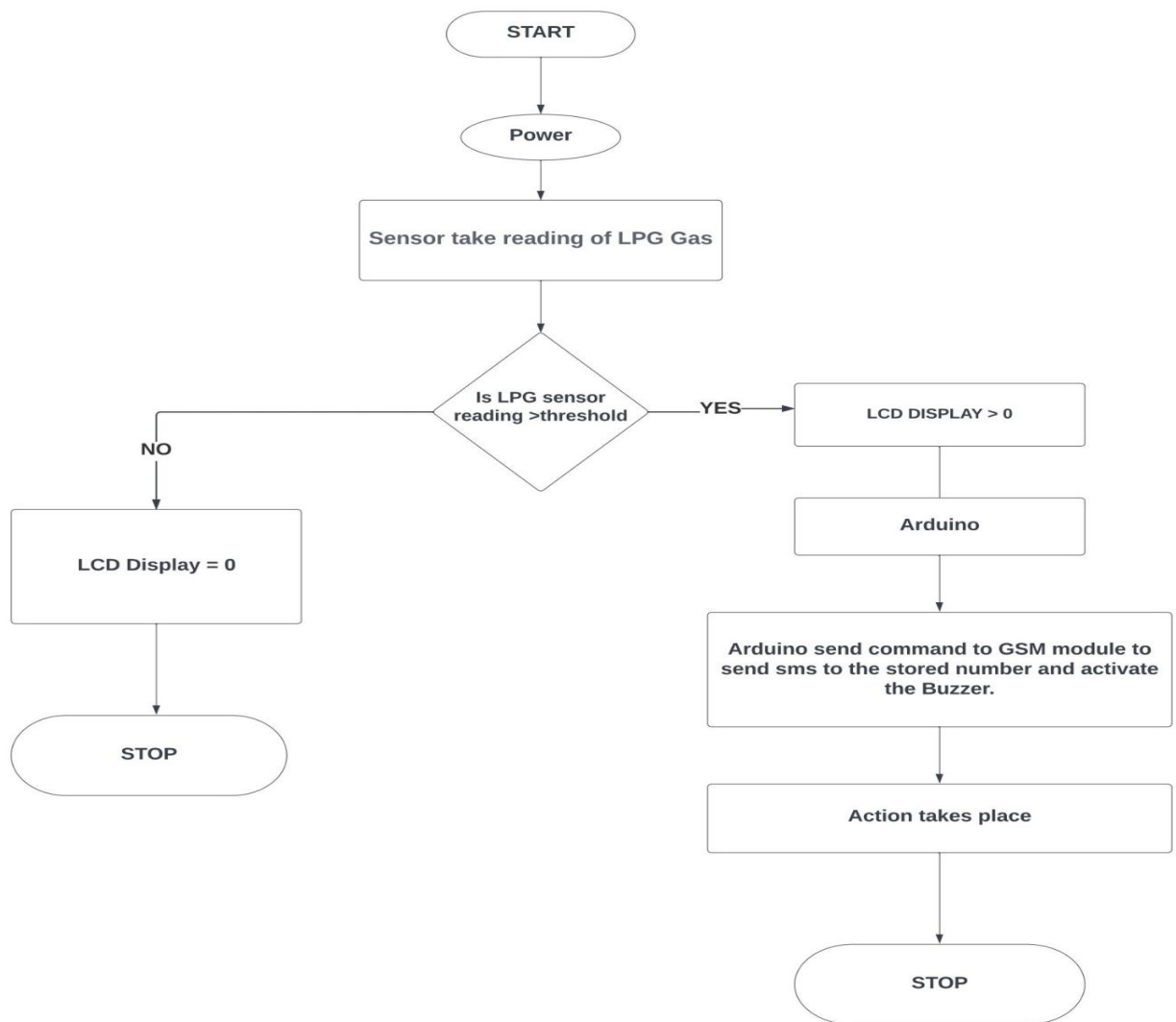
Steps in data flow diagram:

1. Power is supplied to the Arduino
2. Sensor which is connected to the Arduino takes the reading of the LPG gas from the gas cylinder
3. If the reading of the sensor is greater than the threshold value, the LCD DISPLAY is assigned to the value greater than zero.
4. If the LCD DISPLAY is greater than zero, Arduino send the command to GSM module to send SMS to the stored number and activate the Buzzer
5. So that action will takes place and stop.
6. If the reading of the sensor is less than threshold value, LCD DISPLAY is equal to zero and then stop.