

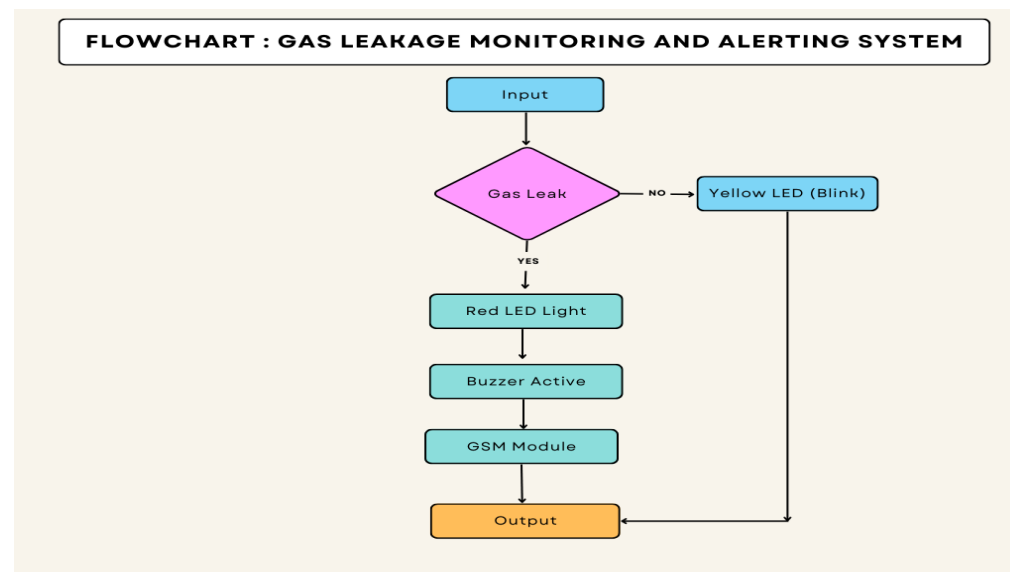
Project Design Phase-II Data Flow Diagram

Date	11 October 2022
Team ID	PNT2022TMID33446
Project Name	Project - Gas Leakage Monitoring and Alerting System Using IOT
Maximum Marks	4 Marks

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. Using DFD, We created Gas Leakage Monitoring and Alerting System flow diagram.

Example:



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority
Worker	Gas leakage sensor	USN-1	As a worker, I will fix sensor near gas container	I can detect gas leakage using Sensor	High
		USN-2	As a worker, I will fix red and yellow light to alert us.	If gas does not leak, It will blink yellow light. If gas leak, it will blink red light.	High