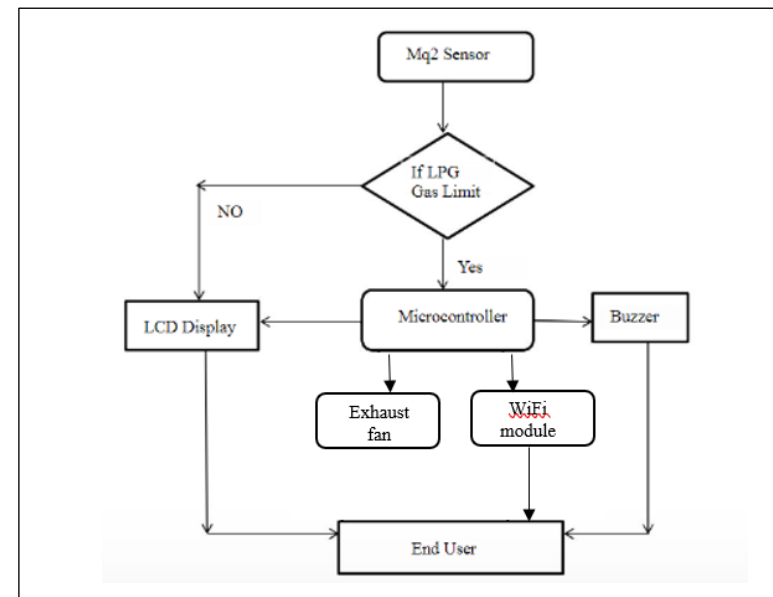
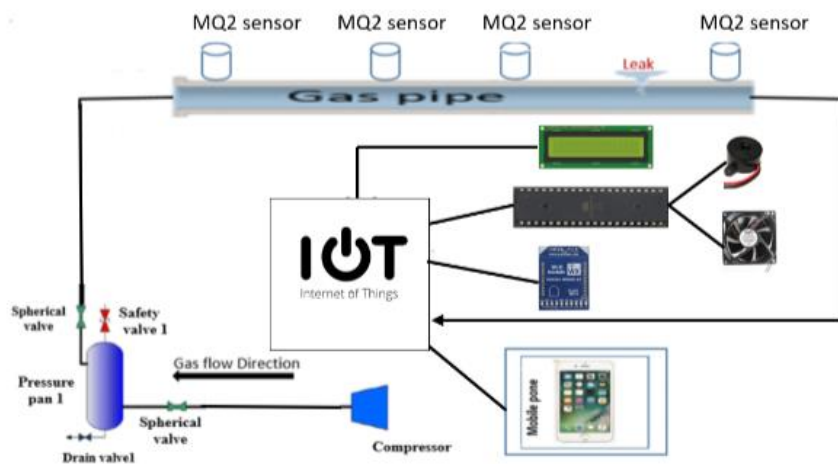


## Project Design Phase-II Data Flow Diagram & User Stories

Date	14 October 2022
Team ID	PNT2022TMID01879
Project Name	Project - Gas Leakage Monitoring and Alerting System
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.



## User Stories

User stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register and create a new account in the application designed.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have created an account.	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can use the application in any location using the app.	I can register & access the dashboard with Play store Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail		Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password		High	Sprint-1
Customer (Web user)	Login	USN-6	As a web user I can access the web form of the application using the login credentials.	Authorised web user portal	High	Sprint-2
	Dashboard	USN-7	As a user I can access the application and view the alert messages/SMS in Dashboard.		Medium	Sprint-2
Customer Care Executive		USN-8	The customer care executive will be available 24x7 for customer queries and interactions.		High	Sprint-1
Administrator		USN-9	As an Admin, I can access and view all the data in the application and also constantly monitor the sensor values at various locations.	The leakage level and all other details are provided through SMS in case a leakage occurs.	High	Sprint-2