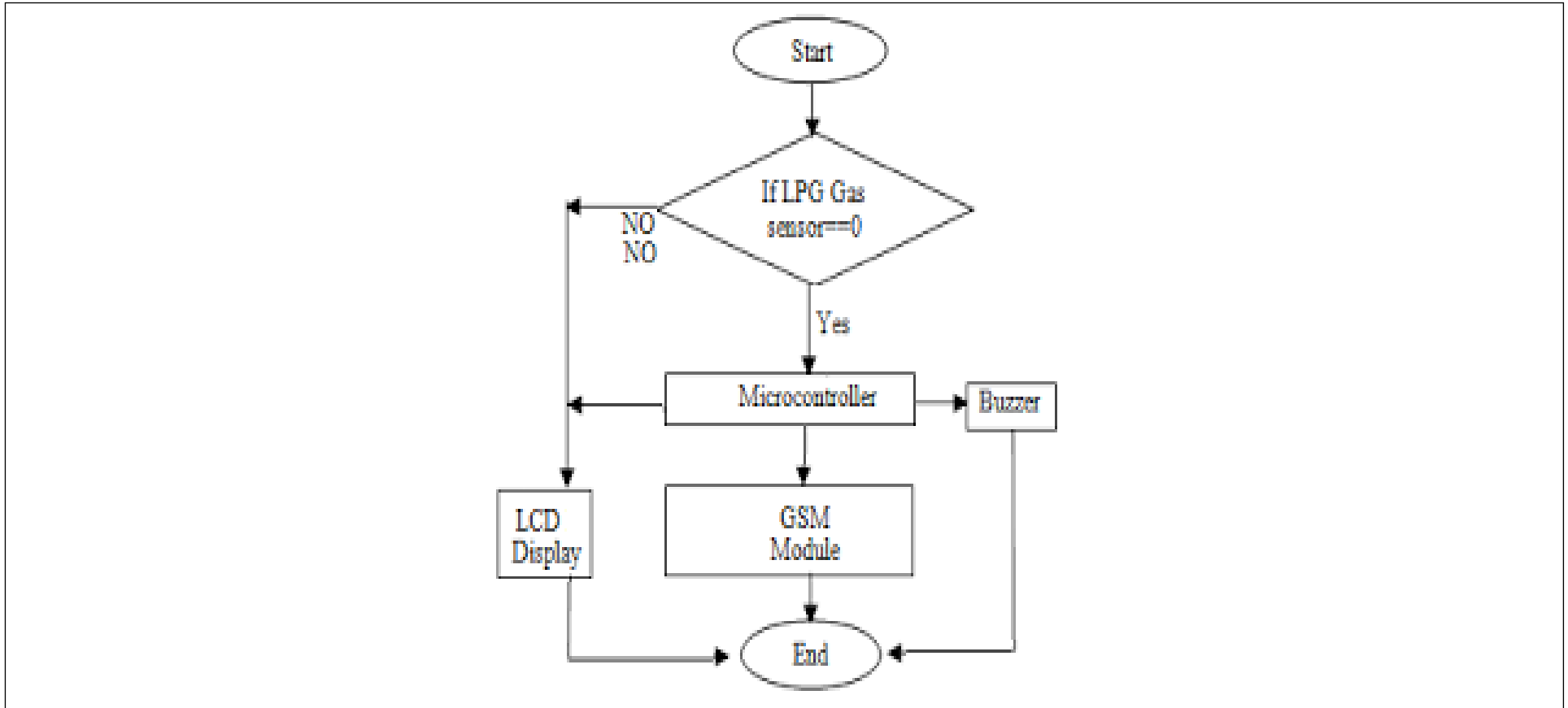
Project Design Phase-II
Data Flow Diagram &User Stories

Date	31 October 2022
Team ID	PNT2022TMID47518
Project Name	Project – Gas Leakage Monitoring and Alerting System for Industries.
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

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Web Application	USN-1	You can view the gas leakage detection results by accessing the web page directly on to the site as a user.	I can access it on my own web pages	High	Sprint-1
	User Availability	USN-2	As a user can directly check the gas maintenance of threshold.	Given reach the greater threshold level.	High	Sprint-1
	Additive availability	USN-3	As a user, can alert and recycle the damage gas flowing tubes.	I can see the threshold value whether it is maintain or not	Low	Sprint-2
	Expectations	USN-4	Monitoring the result based on using valuable sensor	I can expect	Medium	Sprint-1
	Login	USN-5	Login as user using the identity		High	Sprint-1
Customer (Web user)			Web user I can view the obtained result	View the result for web pages directly.	High	Sprint -1
Customer Care Executive			Customer care executive can I see the outputs for gas leakage and alerting system.	Can I accept the terms.	Medium	Sprint-1
Administrator			Industry supervisor we can detect the gas leakage based on the devices	Show the result based on the gas detected.	High	Sprint-1