

Project Design Phase-II

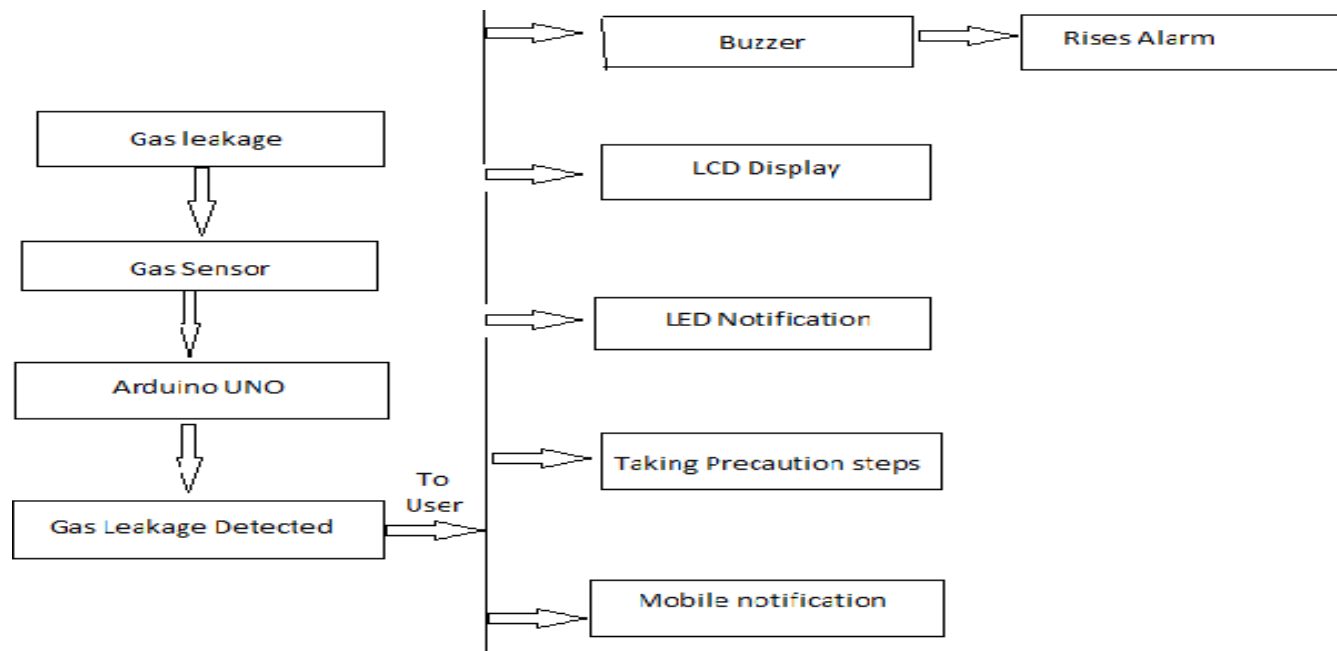
Data Flow Diagram & User Stories

Date	23 October 2022
Team ID	PNT2022TMID20334
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.

Data Flow Diagram for – GAS LEAKAGE MONITORING AND ALERTING SYSTEM:



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 (Home user)	Setup	USN-1	As a user, I need the proper setup of the gas leakage detector.	I can detect the leakage of gas.	High	Sprint-1
		USN-2	As a user, I can detect the gas leakage once the setup is completed.	I can detect the leakage of gas.	High	Sprint-1
Customer (Industrial user)		USN-1	As a user, I need the proper setup of the gas leakage detector.	I can detect the leakage of gas.	High	Sprint-1
		USN-2	As a user, I have to choose the quality products for Gas leakage detector setup.	I can detect the leakage of gas accurately and immediately once the gas is leaked.	High	Sprint-1
		USN-3	As a user, I can check a demo of the Gas leakage detector setup.	I can ensure the safety of workers.	Medium	Sprint-2
Customer (Hospital user)		USN-1	As a user, I need the proper setup of the gas leakage detector.	I can detect the leakage of gas.	High	Sprint-1
		USN-2	As a user, I need the proper accomodation of the gas leakage detector in the hospital.	I can ensure the comfortness of the patients in the hospital.	High	Sprint-1
Customer Care Executive	Creating Awareness	USN-1	As a Customer Care executive, I can advertise the product to people.	I can ensure the benefit of huge people.	High	Sprint-1
Administrator	Creating product	USN-1	As a Administrator, I will design the gas leakage detector.	I can ensure gas leakage detection accurately.	High	Sprint-1