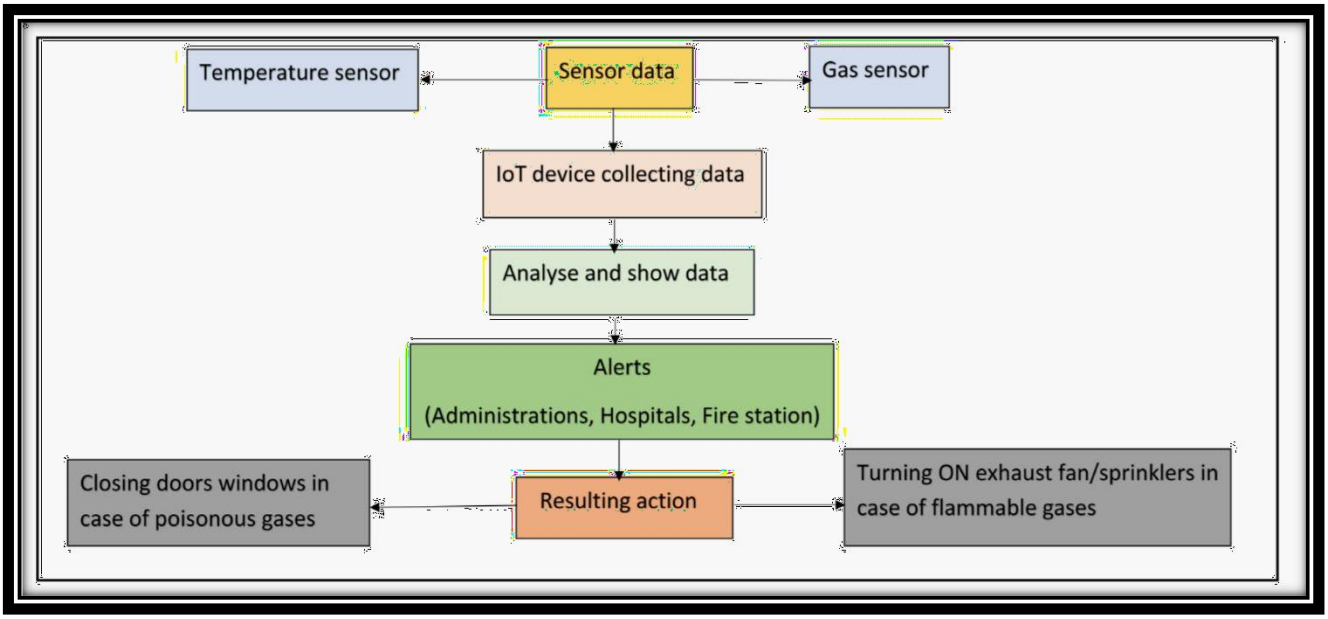
PROJECT DESIGN PHASE-II

DATA FLOW DIAGRAM AND USER STORIES

Date	25 October 2022
Team ID	PNT2022TMID20495
Project Name	IoT-gas leakage monitoring and alerting system
Maximum Marks	4 Marks

DATA FLOW:

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 (Home user)	Setup	USN-1	As a user, I need the proper setup of the gasleakage detector.	I can detect the leakage ofgas.	High	Sprint-1
		USN-2	As a user, I can detect the gas leakage oncethe setup is completed.	I can detect the leakage ofgas.	High	Sprint-1
Customer (Industrial user)		USN-1	As a user, I need the proper setup of the gasleakage detector.	I can detect the leakage ofgas.	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 ofgas accurately and immediately once the gas is leaked.	High	Sprint-1
		USN-3	As a user, I can check a demo of the Gasleakage detector setup.	I can ensure the safety ofworkers.	Medium	Sprint-2
Customer (Hospital user)		USN-1	As a user, I need the proper setup of the gasleakage detector.	I can detect the leakage ofgas.	High	Sprint-1
		USN-2	As a user, I need the proper accomodation ofthe 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 canadvertise the product to people.	I can ensure the benefit ofhuge people.	High	Sprint-1
Administrator	Creating product	USN-1	As a Administrator, I will design the gasleakage detector.	I can ensure gas leakage detection accurately.	High	Sprint-1