

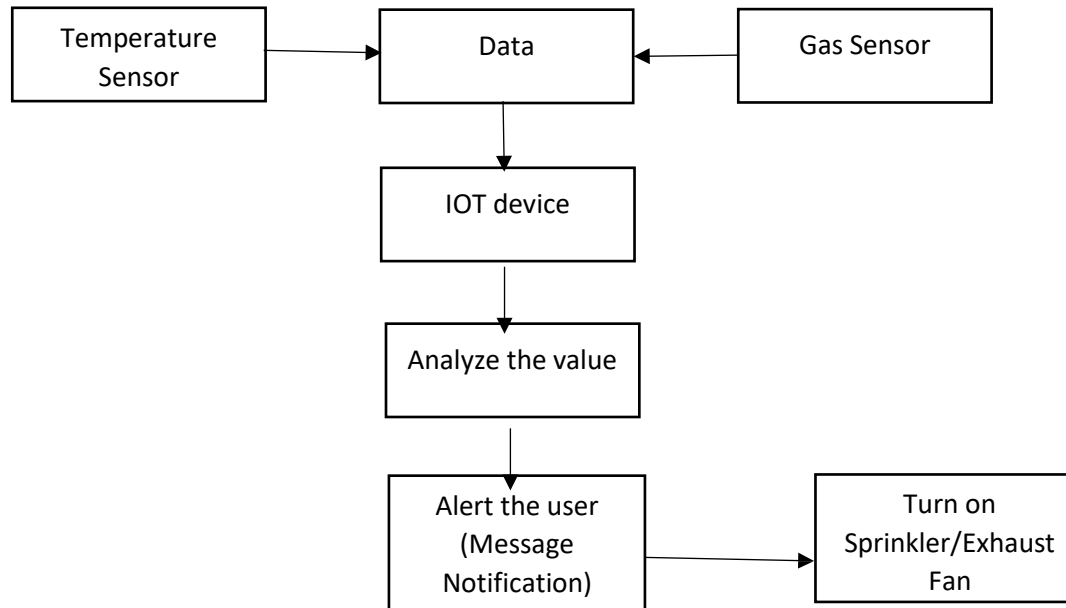
Project Design Phase-II

Data Flow Diagrams and User Stories

Date	26 October 2022
Team ID	PNT2022TMID04587
Project Name	Industry-specific intelligent fire management system
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a 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 Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	User can register for the application by entering the username and Password	I will be able to access account	High	Sprint-1
	Login	USN-2	User can login to the application by entering the username and password	I can login to my account	High	Sprint-1
Sensing	Sensor	USN-3	Sensor senses the fire and the smoke	Indicated by sensor	High	Sprint-1
Extinguish	Actuators	USN-4	If the sensor detects the fire, sprinkler will be turned on.	Sprinkler will be turned on	High	Sprint-1
ata	Cloud	USN-5	All the values can be stored in the database.	Store the data	High	Sprint-1
Intimation	Siren	USN-6	If fire is detected, user can alert through the buzzer.	Evacuate	High	Sprint-1
Notification	Event Management	USN-7	Notification will be sent to the respective authority.	Notify	Medium	Sprint-1