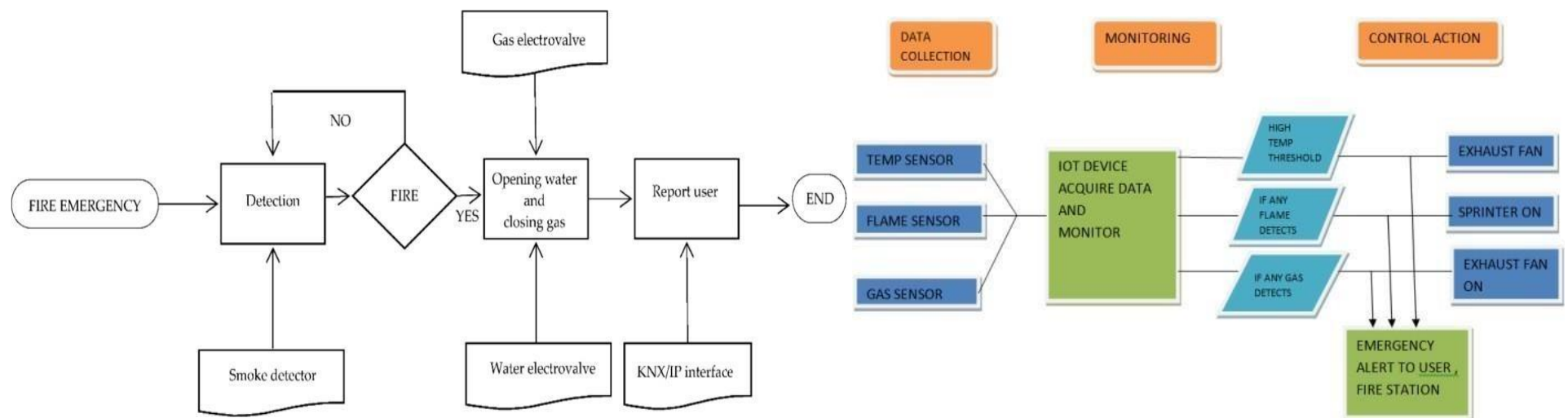


Project Design Phase-II Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID32813
Project Name	Project - Industry-specific fire management 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

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)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	Low	Sprint-1
	Login	USN-2	As a user, I can log into the application by entering email & password	Login to the application	High	Sprint-1
	Dashboard	USN-3	By entering correct password, I could access the dashboard.	Once logged in, user could access the dashboard.	Medium	Sprint-2
	Alert message	USN-4	As a user, I can get alert messages regarding smoke and temperature parameters.	After successful login, user will receive alert messages.	High	Sprint-3
	Data storage	USN-5	As a user, I will able to store parameter values.	Using IBM cloud the data could be stored.	High	Sprint-4
	Checking	USN-6	As a user I can Test the system performance, for an emergency case, it is deployed and I can use the system 24/7.	Using mobile application, user can check the system performance and working condition.	High	Sprint-4
Customer (Web user)	Login	USN-7	As a user, I can log into the application by entering email & password	Login to the application	High	Sprint-1
	Dashboard	USN-8	I could access the dashboard.	Once logged in, user could access the dashboard.	Medium	Sprint-2
	Alert message	USN-9	As a user, I can get alert messages regarding smoke and temperature parameters.	After successful login, user will receive alert messages.	High	Sprint-3
	Data storage	USN-10	As a user, I will able to store parameter values.	Using IBM cloud the data could be stored.	High	Sprint-4
	Checking	USN-11	As a user, I can check whether the system correctly detects the fire and gas, and does it alerts the user, also whether the fire or smoke has been put down or not.	Using mobile application, user can check the system performance and working condition.	High	Sprint-4