

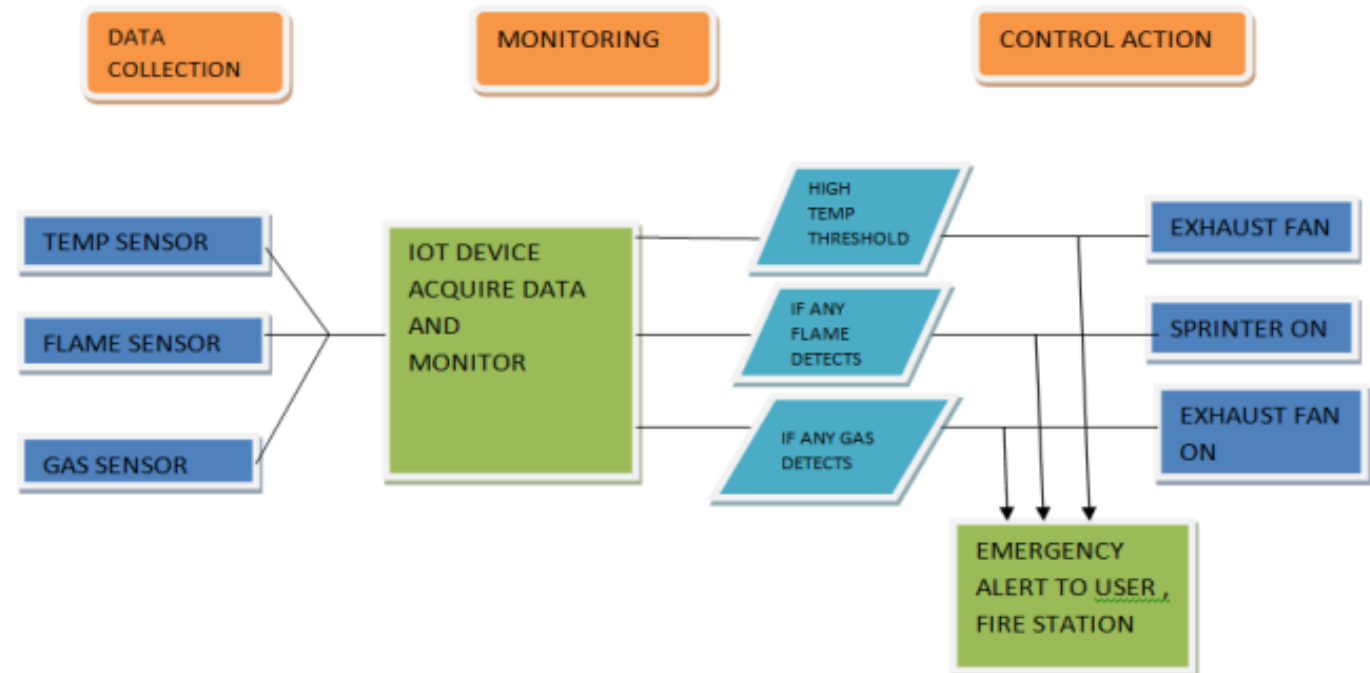
Project Design Phase-II

Data Flow Diagram & User Stories

Date	15 October 2022
Team ID	PNT2022TMID47460
Project Name	Project - Industry-Specific Intelligent 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 download the application	I can view the data sent by the hardware.	High	Sprint-3
Customer (Web user)	Registration	USN-1	As a user, I can view the application web page	I can view the data sent by the hardware.	High	Sprint-3
Customer (Data types)	Data viewing	USN-1	As a user, I can view Temperature readings	Data by the hardware	High	Sprint-1
		USN-2	As a user, I can view level of gas content	Data by the hardware	High	Sprint-1
		USN-3	As a user, I can view if any flame is detected.	Data by the hardware	High	Sprint-1
Customer	Actions	USN-1	As a user, I will have exhaust fan on and off button	Based on temperature and level of gas content data, actions are taken by the user	Medium	Sprint-2
		USN-2	As a user, I will have sprinkler on and off button	Based on the flame detected data, actions are taken by the user.	Medium	Sprint-2
Administrator	Storage	USN-1	As an administrator, I will store the data in Cloud database	All the data are stored in cloud database.	High	Sprint-4