Project Design Phase-II
Data Flow Diagram & User Stories

Date	21 October 2022
Team ID	PNT2022TMID33506
Project Name	Industry Specific Intelligence 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.

Example: (Simplified)
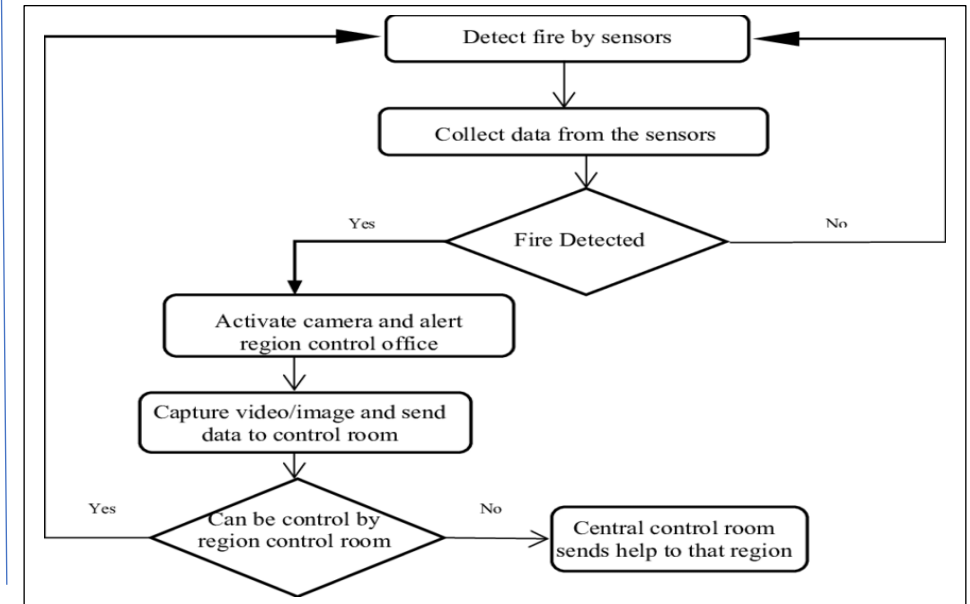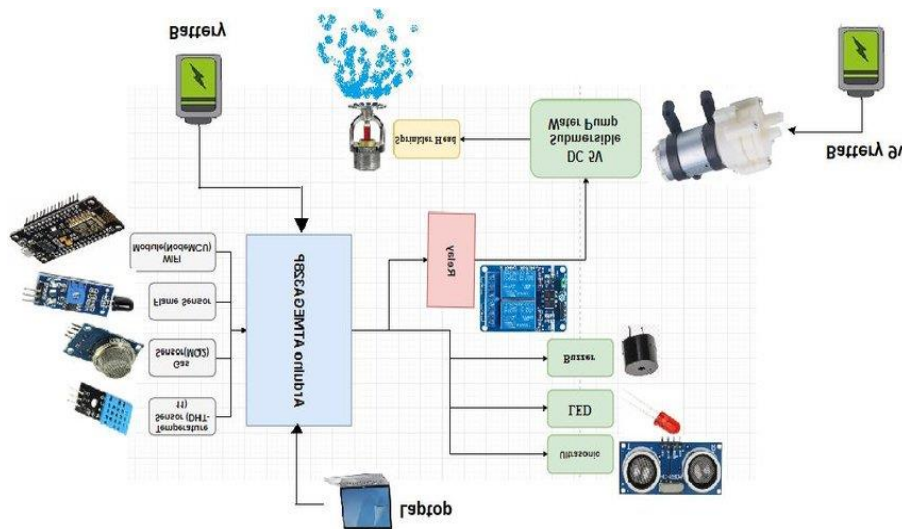
User Stories:

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	User Registration	USN-1	Registration through Form Registration through Gmail Registration through LinkedIN.	I can access my account	Medium	Sprint-1
	User Confirmation	USN-2	Confirmation via Email Confirmation via OTP	I can receive confirmation email & click confirm	High	Sprint-1
	Rapid Detection	USN-3	The system must be able to detect a fire Rapidly (within seconds/ minutes)	Fire alarm systems are only effective if they can generate reliable and fast fire.	High	Sprint-1
	Automation, Autonomy	USN-4	The system must be able to activate and function completely autonomously, without any external network or power and without human intervention.	The system is able to communicate in real time with the other devices and can be programmed to take a limited judgemental call for a pre-decided actions.	High	Sprint-1
Customer (Web user)	Web Server	USN-5	The system must have a built-in web server, that allows providing personnel with a real time alerts.	systems must only be handled by authorized users and used for its intended purpose	High	Sprint-1
	Dashboard and Login	USN-6	As a user, I can log into the application by entering email & password	I can register & access the dashboard with any Login	Low	Sprint-2
Customer Care Executive	Multiple flames	USN-7	The system must be able to handle multiple fires simultaneously.	It should handle sensing of fire and to produce alarm	High	Sprint-1