Project Design Phase-II
Data Flow Diagram & User Stories

Date	17 October 2022
Team ID	PNT2022TMID18171
Project Name	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 rightamount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.
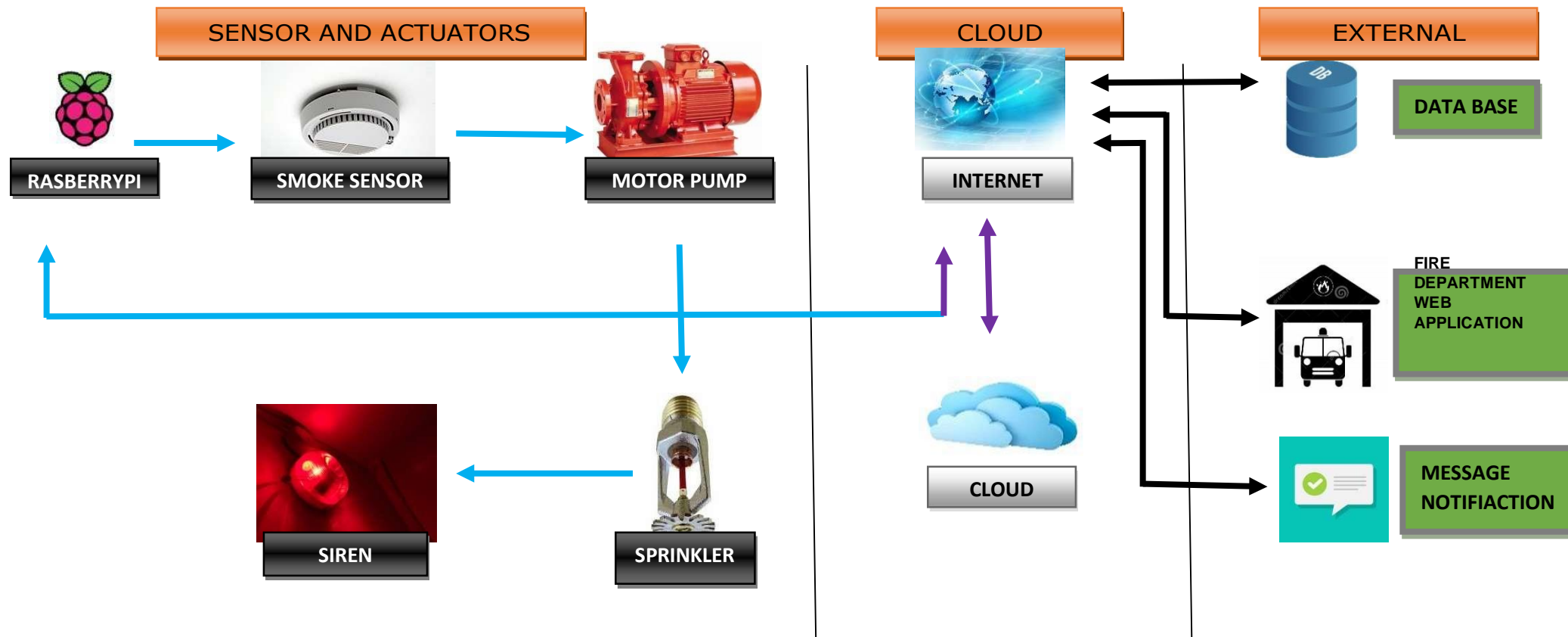
User Stories

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	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	High	Sprint-1
	User Confirmation	USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
	Login	USN-3	As a user, I can log into the application by entering email & password		High	Sprint-1
Sensing	Sensor	USN-4	In industry, sensor sense the fire and smoke.	Indicate by sensor	High	Sprint-2
Extinguish	Actuators	USN-5	If the sensor detected the fire, next step is extinguishing the fire with the help of Sprinkler.	Extinguish the fire	High	Sprint-2
Data	Cloud	USN-6	All the values are stored in the cloud database	Store the data	High	Sprint-3
Intimation	Siren	USN-7	If the fire is detected, employee should evacuate by the intimation by Siren/Buzzer.	Evacuate	High	Sprint-4
Notification	Event management	USN-8	Notification message will be sent to the fire department, proprietor.	Notify	Medium	Sprint-4