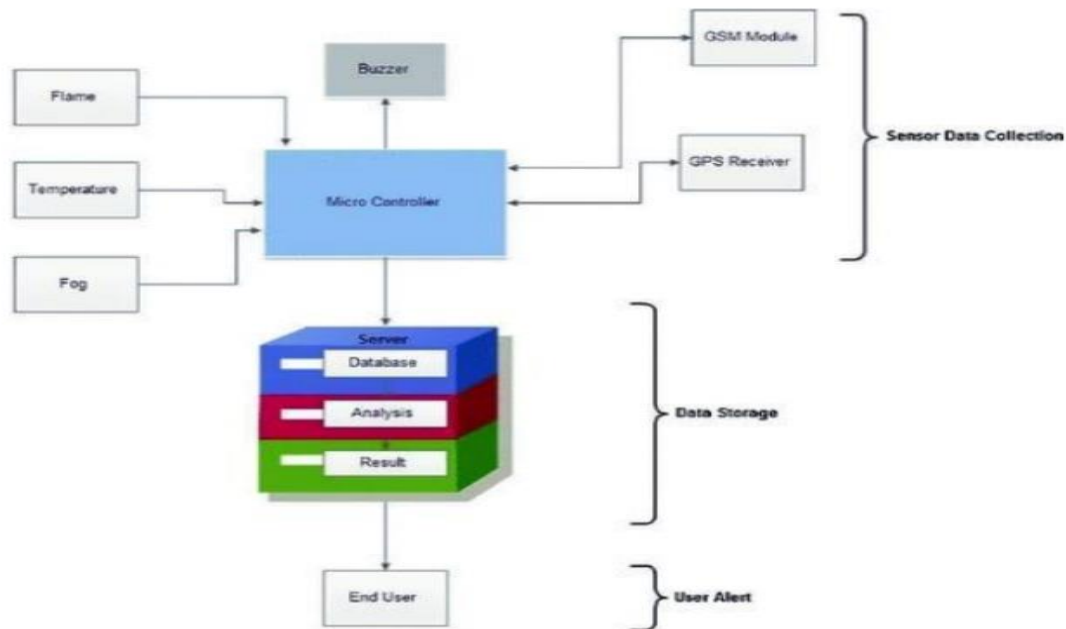


## Project Design Phase-II Data Flow Diagram & User Stories

Date	15 October 2022
Team ID	PNT2022TMID06928
Project Name	Industry Specific Intelligent Fire Management System
Maximum Marks	4 Marks

### Data Flow Diagrams:



## 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 (Industrialist)	Sensor system	USN-1	Smoke sensor detecting the fire breakdown.	I can get information about fire breakdown.	High	Sprint-1
		USN-2	Gas sensors detecting gas leakage.	I can receive information about hazardous gas leakage.	High	Sprint-1
	Alerting system	USN-3	Blaring of alarm.	Alert the employees to leave the building.	Medium	Sprint-1
	Actuation system	USN-4	Turning ON the sprinklers.	To put of fire at the initial stage.	Medium	Sprint-2
		USN-5	Switching ON exhaust fan	To filter the poisonous gas.	High	Sprint-2
Customer (company management)	Notification system	USN-6	Sending SMS to fire station along with current location.	To alert the fire station immediately after analysing its severity.	High	Sprint 3
		USN-7	Notifying the management about the incident happened.	To be aware of breakdown.	Low	Sprint 4
	Cloud deployment	USN-8	Pushing data to the cloud.	To store and retrieve data for future requirements.	Low	Sprint 4