Project Design Phase-II
Data Flow Diagram & Flow Chart

Date	19 October 2022
Team ID	PNT2022TMID46919
Project Name	Gas Leakage Monitoring & Alerting System For Industries
Maximum Marks	4 Marks

Data Flow Diagram:

A data flow diagram (DFD) is a visual representation of information flow within a system. A neat and clear DFD can depict the accurate amount of system requirements graphically. It shows how the data enters and leaves the system, how change the information and where our data is stored.
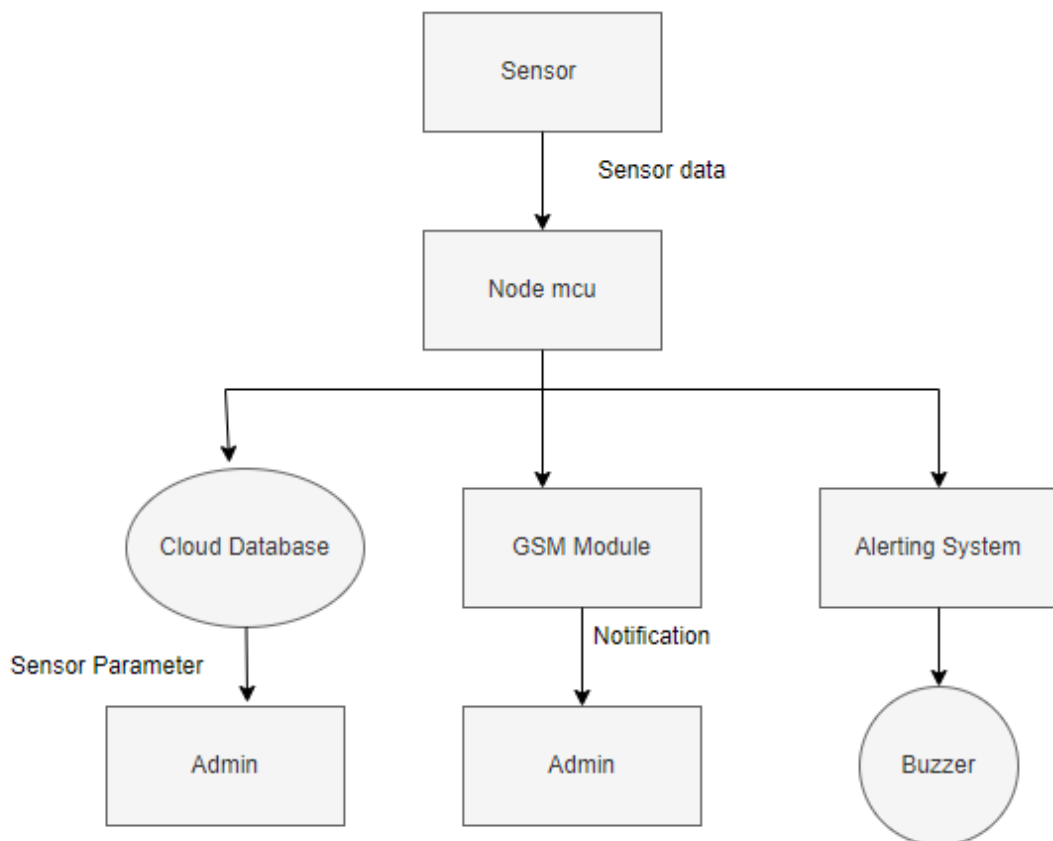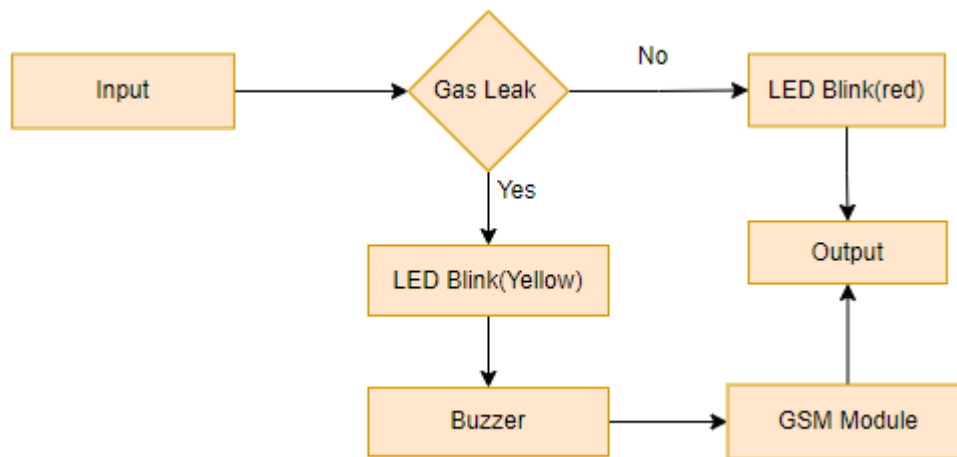
User Stories:

User Type	Functional Requirements(EPIC)	User Story Number	User Story/Task	Acceptance Criteria	Priority	Release
Customer (application)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and phone number and confirm by using the password.	I can access my account	High	Sprint-1

		USN-2	As a user, I will receive the confirmation mail from the organization when I have completed registration process for the application	I can receive the confirmation mail & to click the confirm button to confirm	Medium	Sprint-1
		USN-3	As a user, I can also register using the Gmail account.		Medium	Sprint-1
	Login	USN-4	As a user, I can login to the application using the email and password.		High	Sprint-1
	Dashboard	USN-5	As a User, I can login with my credentials, and I can see the dashboard	I can able to see my dashboard in the application.	High	Sprint-2
Customer (Web user)	Dashboard	USN-6	As a web user, I can enter the applications URL and login by using my credentials.	I can be able to view my dashboard in the application	Medium	Sprint-2
Customer Care Executive	Helping the customer	USN-7	As a customer care person, I will respond to the customer queries and satisfies the customer	I can able to see the customer's queries and feedback.	High	Sprint-3

Administrator	Working with the data	USN-8	As an administrator, I can be able to login to the application	I can be able to view the details of the application data	High	Sprint-3
	Asking queries and responding	USN-9	As an administrator, I can be able to respond to the customer's queries.	I can be able to answer the customer's questions.	Medium	Sprint-4
	Maintaining the database	USN-10	As an administrator, I can be able to view the database of the application.	I will be able to modify or view the application's database.	High	Sprint-4
	Managing the overall process	USN-11	As an administrator, I can be able to control the overall process of the application.	I can control the overall process and maintain the application.	High	Sprint-4