Project Design Phase-II
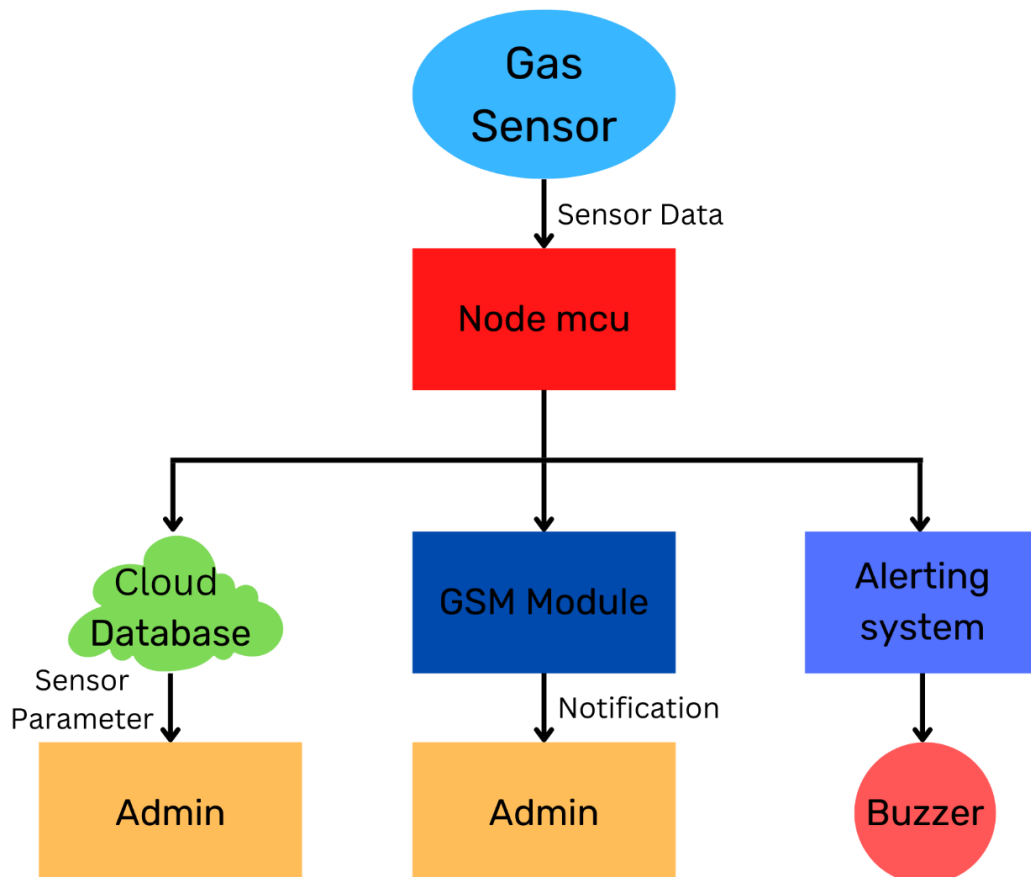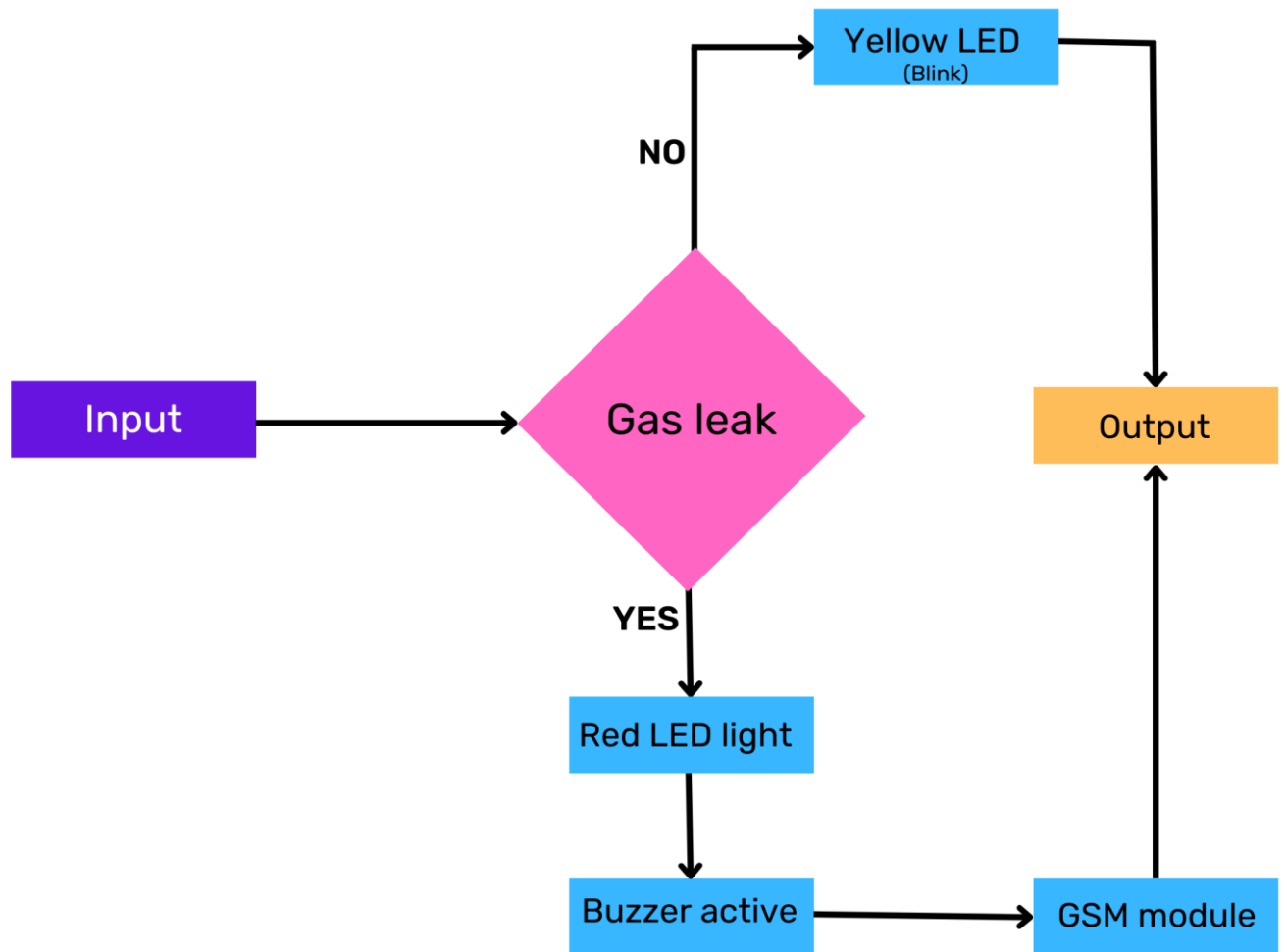# Data Flow Diagram & Flow Chart

Date	17 October 2022
Team ID	PNT2022TMID39560
Project Name	Gas Leakage Monitoring & Alerting System For Industries
Maximum Marks	4 Marks

Data Flow Diagram:

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:

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 confirming my password.	I can access my account / dashboard	High	Sprint-1

		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	Medium	Sprint-1
		USN-3	As a user, I can register for the application through Gmail		Medium	Sprint-1
	Login	USN-4	As a user, I can log into the application by entering email & password		High	Sprint-1
	Dashboard	USN-5	As a user, I can login with my credentials to see my dashboard	I will be able to see my dashboard and the application	High	Sprint-2
Customer (Web user)	Dashboard	USN-6	As a web user, I will go to the application's URL and login by entering my credentials	I will be able to login and view my dashboard	Medium	Sprint-2
Customer Care Executive	Helping the customers	USN-7	As a customer care person, I will respond to the customer's queries	I will be able to see the customer's difficulties, queries and feedback	High	Sprint-3
Administrator	Working with data	USN-8	As an administrator, I can login to the application's server	I will be able to view the applications data server	High	Sprint-3

	Asking and responding	USN-9	As an administrator, I can ask and respond to the customer's questions	I will be able to answerable to the customers	Medium	Sprint-4
	Maintaining the database	USN-10	As an administrator, I will be able to view the database	I will be able to view, modify and maintain the application's database	High	Sprint-4
	Managing the overall process	USN-11	As an administrator, I can control the overall process	I can control and maintain the overall application's process	High	Sprint-4