Project Design Phase-II
Data Flow Diagram & User Stories

Date	26 October 2022
Team ID	PNT2022TMID51029
Team Leader	Shriya R
Project Name	Gas Leakage Monitoring and Alerting System
Maximum Marks	4 Marks

Data Flow Diagrams:
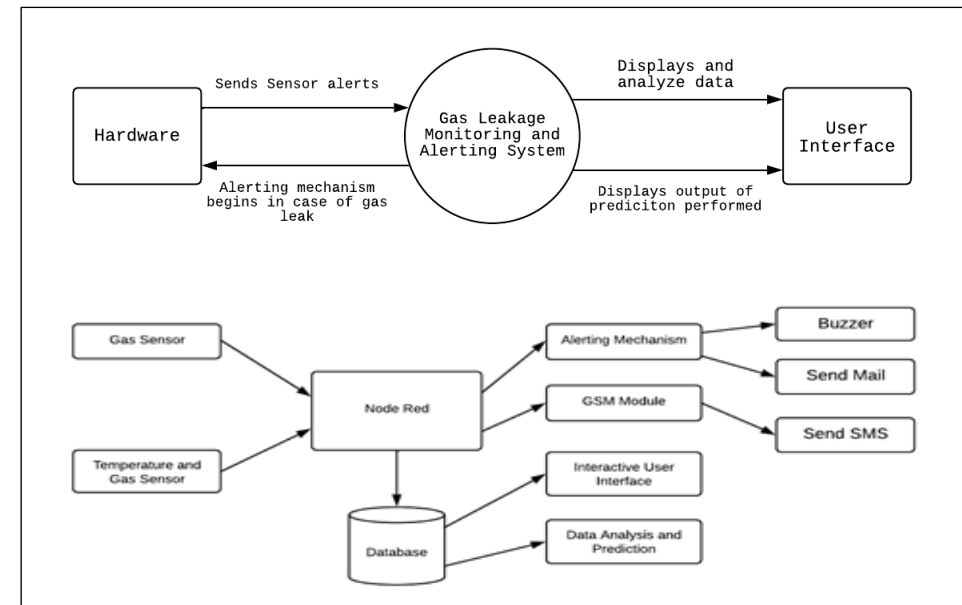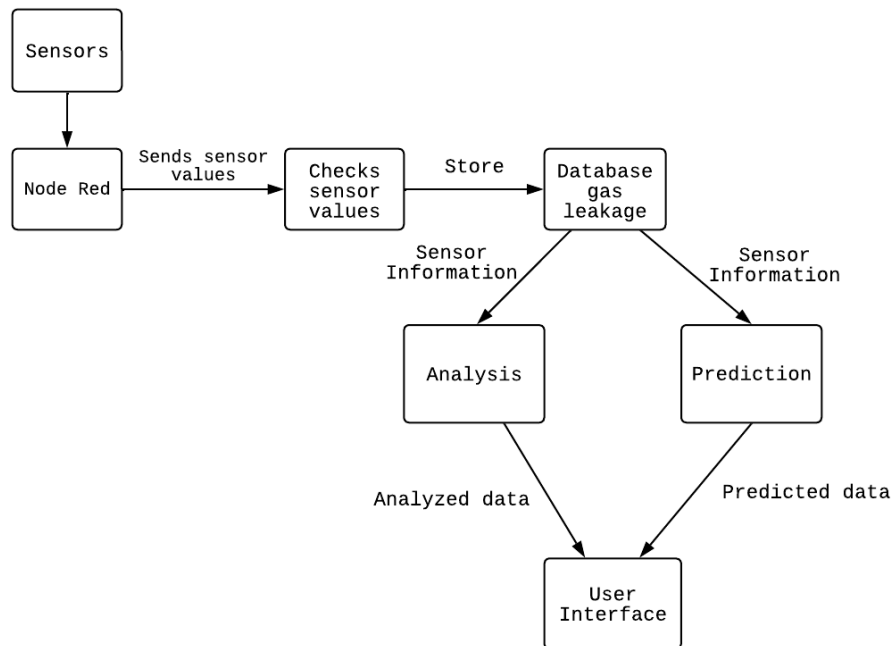
User Stories:

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	My email address, password, and password confirmation are required for me to register for the application as a user.	I can access my account / dashboard	High	Sprint-1
		USN-2	When I register for the application as a user, I will get a confirmation email.	I can receive confirmation email & click confirm	High	Sprint-1
	Login	USN-3	By providing my email address and password, I can access the application as a user.	I can login into my account	High	Sprint-1
	Dashboard	USN-4	The user may see the temperature.	I can view the data given by the device	High	Sprint-2
		USN-5	The user may see the level of gas.	I can view the data given by the device	High	Sprint-2
Customer (Web user)	Usage	USN-1	The user can access the website and obtain the data.	I can view the data given by the device	High	Sprint-3
Customer	Working	USN-1	User responds as directed by the device's alert.	I can get the data work according to it	High	Sprint-3
		USN-2	When a leak develops, the user activates the exhaust fan or sprinkler.	I can get the data work according to it	High	Sprint-4
Customer Care Executive	Action	USN-1	When someone encounters any usage problems, the user resolves the issue.	When someone doesn't comprehend the process, I can fix the problem	High	Sprint-4
Administrator	Administration	USN-1	User maintains all information.	The knowledge I have acquired can be stored	High	Sprint-4