Project Design Phase-II
Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID22125
Project Name	Gas leakage monitoring and alerting system
Maximum Marks	4 Marks

Data Flow Diagrams:
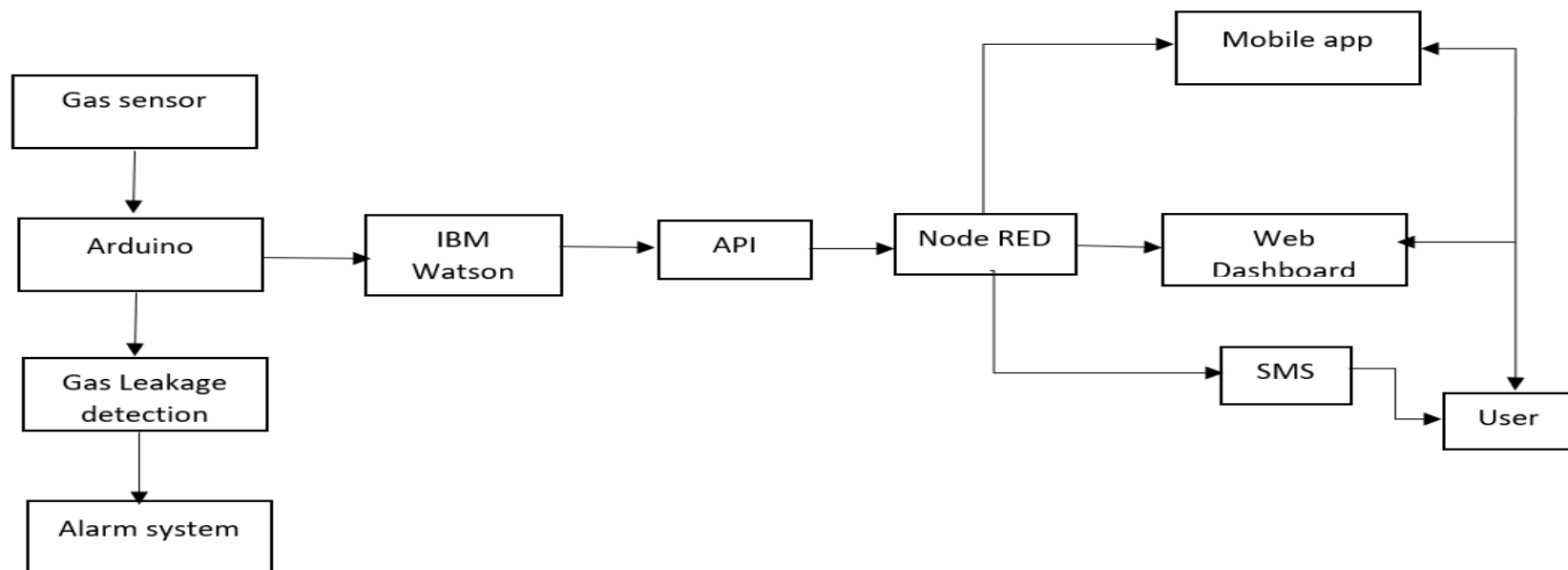
User Stories

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 (Industry owner)	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
Customer (Industry owner)	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
Customer (Industry owner)	Authorize	USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard Login	Low	Sprint-2
Customer (Supervisor)	Monitor	USN-4	As a user, I can register for the application through Gmail	I can get access to dashboard	Medium	Sprint-1
Customer (Supervisor)	Login	USN-5	As a user, I can log into the application by entering email & password	I can view the status of gas leakage system	Medium	Sprint-2
Customer (Line Workers)	Notification	USN-6	As a user, I can get alarm alert about gas leakage	I can get alert about gas leak.	Medium	Sprint-4
Customer (Supervisor)	Notification	USN-7	As a user, I can get SMS notification	I can get alert about gas leakage	Medium	Sprint-1
Customer (Industry owner)	Notification	USN-8	As a user, I can get mobile app notification about gas leakage	I can get alert about gas leakage	Medium	Sprint-3
Customer (Industry owner)	Notification	USN-9	As a user, I can sign-up using any social media login.	I can sign-up with the application using social media	High	Sprint-1
Customer (Supervisor)	Sign-Up	USN-10	As a user, I can sign-up using mobile login	I can sign-up with the mobile application	High	Sprint-2
Administrator	Service Request	USN-11	As a user, I can request for service in case of any issue with gas leakage monitoring system	I can get service from the provider.	High	Sprint-1
Administrator	Increased service	USN-12	As a user, I can request for scaling up the gas leakage monitoring system.	I can get service from the provide	High	Sprint-1