Project Design Phase-2
Data Flow Diagram

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Project Name	Gas Leakage Monitoring and Alerting System

DATA FLOW DIAGRAM:
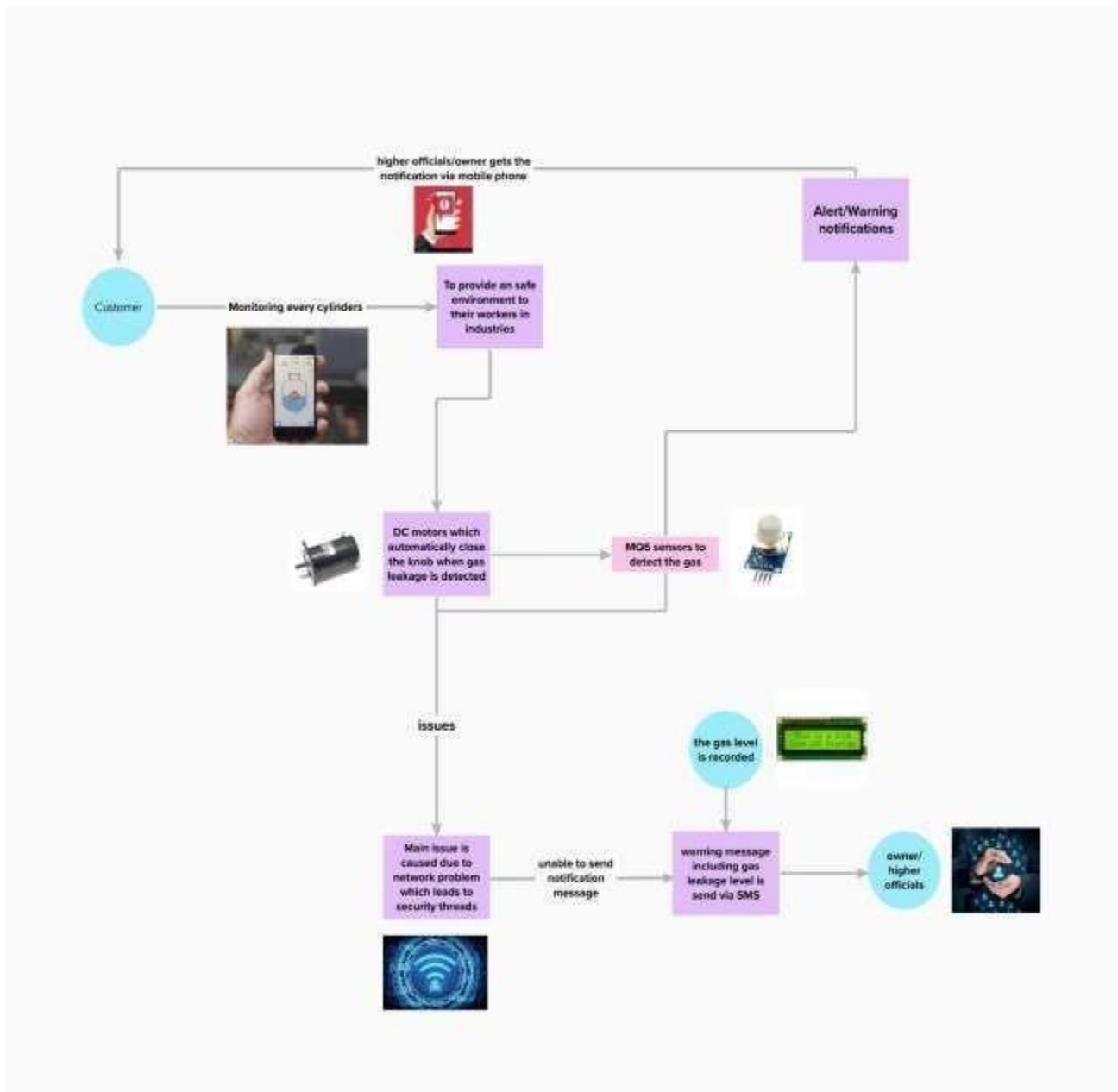
User Stories: Use the below template to list all the user stories for the product

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer(family member/industry owner)	Registration	USN-1	As a user ,I can register for the device in the owners mobile application by entering my email and password	I can access my account / dashboard	High	Sprint-1
Customer(higher authority)	confirmation	USN-2	As a user I will receive confirmation message via email and once I received I can install the device in the ownersplace	I can receive confirmation email & click confirm	High	Sprint-1
Customer (fire service 101)	Safety measure register	USN-3	As a register I can register the application in owner/family members mobile phone	I can register & access the dashboard with Facebook Login	Low	Sprint-2
Customer (mobile user)	Mobile application	USN-4	As a user I can register bymobile application	I can register for gasdetection device with owners mobile number and the alertmessage will be send by SMS	Medium	Sprint-1
Customer (credential)	Login	USN-5	As a user I can log into the device by entering email & password in the owner's mobile application	Mail address and passwords are default	High	Sprint-1
Customer (Web user)	Notification	USN-7	As a user when there is a critical situation regarding gas explosion the alert notification will be received through GSM module	Alert message is sent to owners mobile as an SMS	High	Sprint-1
Customer care Executive	Network Connectivity	USN-8	When there is a gas leakage is detected in the surrounding	Sensor detect the leakage and notifies the owner via message	High	Sprint-1

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Administration	Accessing	USN-9	When there is an issue in accessing the device	Admin/Device operator's advice should be undertaken	High	Sprint-1