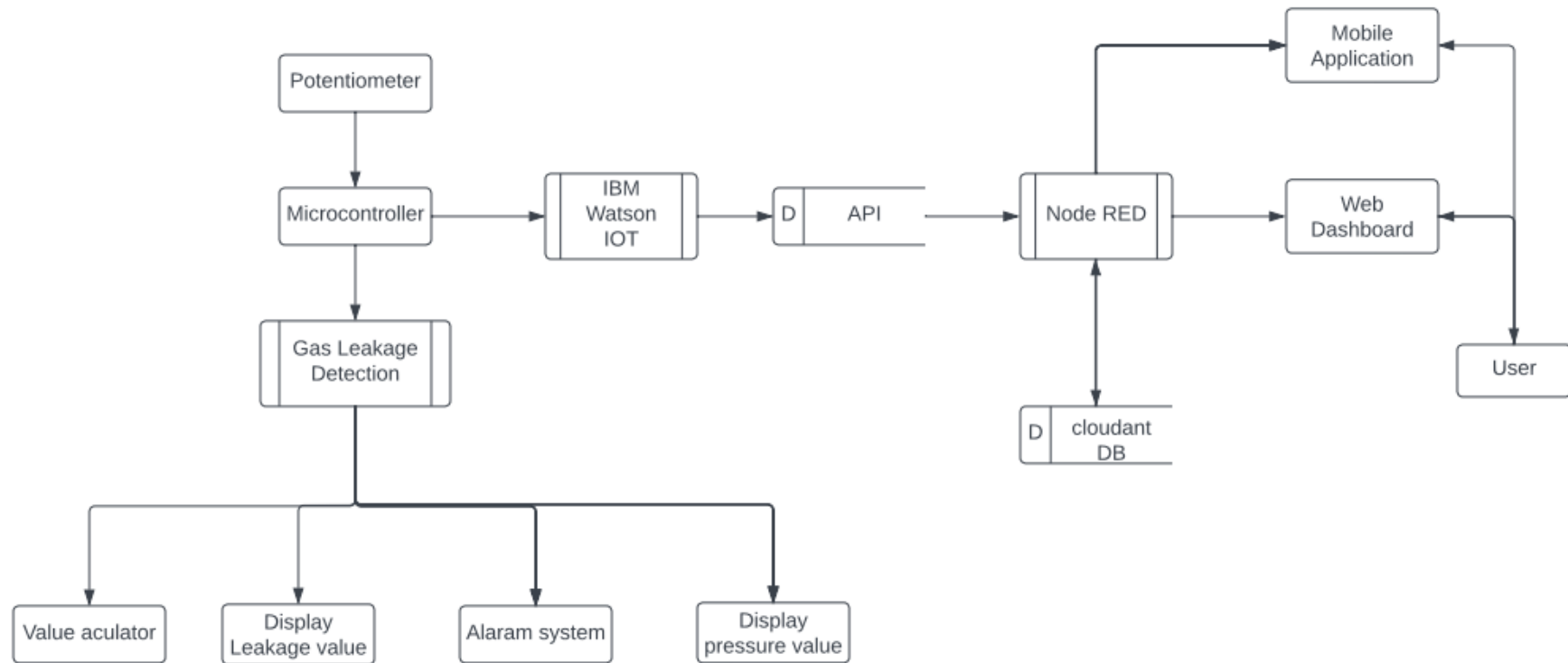


Project Design Phase-II
Data Flow Diagram & User Stories

Date	06 May 2023
Team ID	NM2023TMID14262
Project Name	Gas Pipeline Monitoring System for Hospitals

Data Flow Diagrams:

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.



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	Team Member
Customer (Hospital staff)	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	Shyam sundar
Customer (Hospital staff)	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	Rakesh kumar
Customer (Hospital staff)	Authorize	USN-3	As a user, I will enable the supervisor to monitor the gas leakage system status.	I can provide access to supervisor.	High	Yuvaraj
Customer (Supervisor)	Login	USN-4	As a user, I can log into the application by entering email & password.	I can get access to dashboard	High	Ricky charles
Customer (Supervisor)	Monitor	USN-5	As a user, I can monitor the status of the gas leakage system.	I can view the status of gas leakage system	High	Rakesh kumar
Customer (Line Workers)	Notification	USN-6	As a user, I can get (alarm system) alert about gas leakage	I can get alert about gas leak alert	High	Yuvaraj
Customer (Supervisor)	Notification	USN-7	As a user, I can get notification & alarming alert about gas leakage.	I can get notification about gas leak	Medium	Shyam sundar
Customer (Hospital staff)	Notification	USN-8	As a user, I can get notification about gas leakage.	I can get notification alert about gas leakage	Medium	Ricky charles
Customer (Hospital staff)	Sign-up	USN-9	As a user, I can sign up using login	I can sign-up in application	Low	Shyam sundar
Customer (Supervisor)	Sign-up	USN-10	As a user, I can sign up using login	I can sign-up in application	Low	Yuvaraj
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 provider	Low	Rakesh kumar
Administrator	Increased service	USN-12	As a user, I can request for scaling up the gas leakage monitoring system	I can get service from provider	Low	Shyam sundar