Project Design Phase-II
Data Flow Diagram &User Stories

Date	09 NOVEMBER 2022
Team ID	PNT2022TMID52392
Project Name	Gas Leakage Monitoring And Alerting System
Maximum Marks	4 Marks

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.

Example: DFD Level 0 (Gas Leakage Monitoring And Alerting System)

Flow
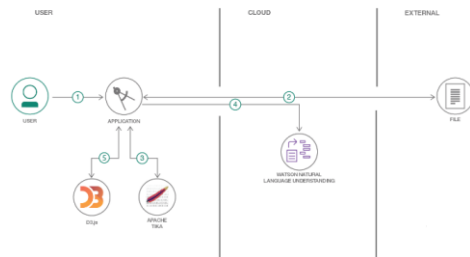
1. User configures credentials for the Watson Natural Language Understanding service and starts the app.
2. User selects data file to process and load.
3. Apache Tika extracts text from the data file.
4. Extracted text is passed to Watson NLU for enrichment.
5. Enriched data is visualized in the UI using the D3.js library.

Example: (Simplified)
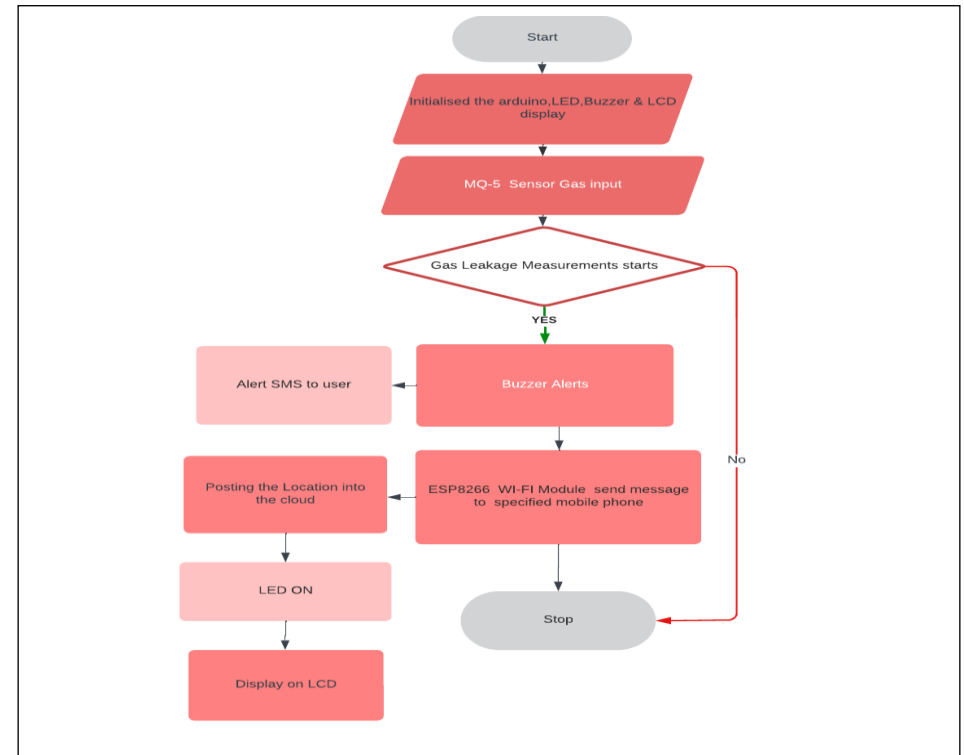
User Stories

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 (Mobile user)	Registration	USN-1	As The user free Register mobile app makes it easy for you to add the products you own.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user I can operate in any location in particular app	I can receive notification through g mail	High	Sprint-1
		USN-3	As a user I can Login in mobile phone active the extension go to settings and login with phone tab to enable and configure the settings	I can register & access the dashboard with play store Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail		Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password		High	Sprint-1
	Dashboard			Software product accept y the users		
Customer (Web user)	Subscription services	USN-6	As a customer to use the web form of the work wide technology	Individual authorized web user portal	Medium	Sprint-1
Customer Care Executive	Email/chat	USN-7	Professional responsible for communicating The regarding service expectations	I can services for company's success	High	Sprint-2
Administrator	Manager system	USN-8	Descriptive of a product feature from the perspective of the person requesting the features	Express criteria clearly, in simple language	Medium	Sprint-1