

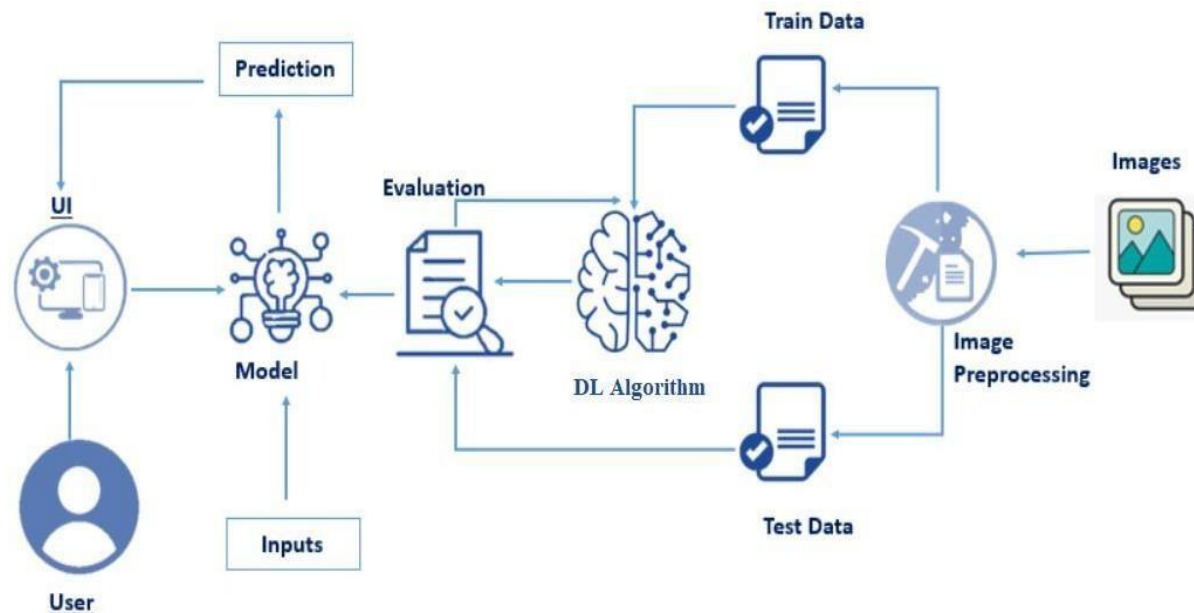
ProjectDesignPhase-II DataFlowDiagram& UserStories

Date	10May2023
TeamID	NM2023TMID16327
ProjectName	Gas Pipeline Monitoring system for hospitals

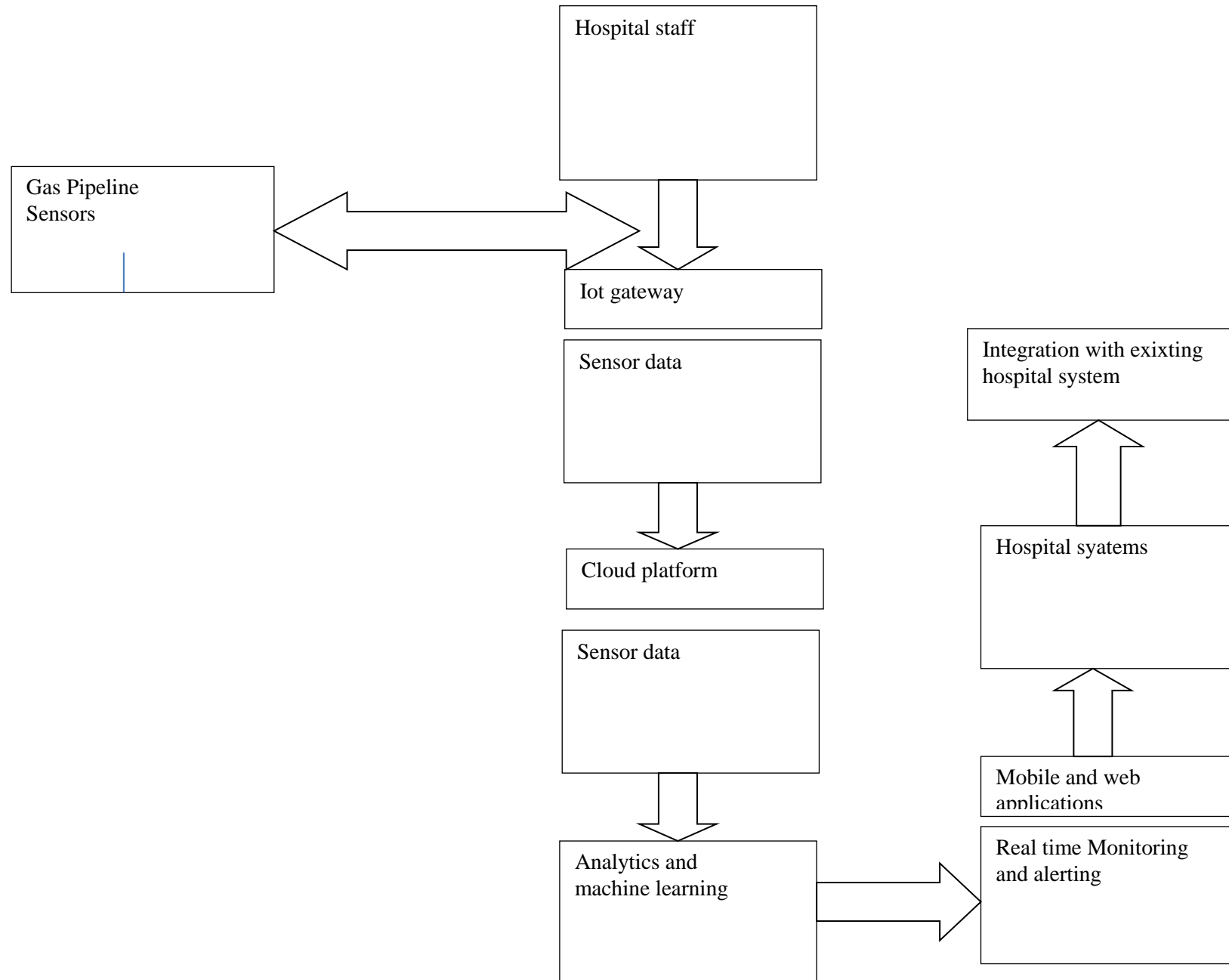
DataFlowDiagrams:

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: (Simplified)



Example: DFD Level 0 (Industry Standard)



UserStories

Use the below template to list all the user stories for the product.

UserType	Functional Requirement (Epic)	User Story Number	UserStory/Task	Acceptance criteria	Priority	Team Member
Maintenance Staff	Registration	USN-1	As a user, I am responsible for the upkeep and repair of the gas pipeline system		High	Vidhya lakshmi
		USN-2	As a user, I identify the issues with the system		High	Suthiksha
		USN-3	As a user, I diagnose issues with the system		Low	Subhiksha
		USN-4	As a user, I can track the performance of the system over time.		Medium	Trisha
Facilities Managers			responsible for overseeing the operations and maintenance of hospital facilities.	monitor the performance of the gas pipeline system and to make decisions about maintenance and upgrades.		
Emergency Response Teams			responsible for responding to emergencies in the hospital..	coordinate a response in the event of a gas leak or other emergency involving the gas pipeline system.		
Safety and Security Personnel			responsible for ensuring the safety of patients and staff.	use the gas pipeline monitoring system to receive alerts and notifications in the event of an issue with the gas pipeline system, and to coordinate a response to any issues.		

Administrators			responsible for the overall management of the hospital	ensure compliance with safety regulations and to make decisions about budget and resource allocation for the gas pipeline system.		
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UserType	Functional Requirement (Epic)	User Story Number	UserStory/Task	Acceptancecriteria	Priority	TeamMember
Administrator			An administrator of automated weatherclassification using transfer learning is aperson who oversees a system that usesadvanced technology to analyze andcategorizeweatherconditionsautomatical ly.This systemisdesignedtolearnfromexisting weather data and apply thatknowledgetoclassifyandpredictweather patternsinreal-time.			