Project Design Phase-II
Data Flow Diagram & User Stories

Date	20 October 2022
Team ID	PNT2022TMID51670
Project Name	Efficient Water Quality Analysis & Prediction using Machine Learning
Maximum Marks	4 Marks

Data Flow Diagrams:
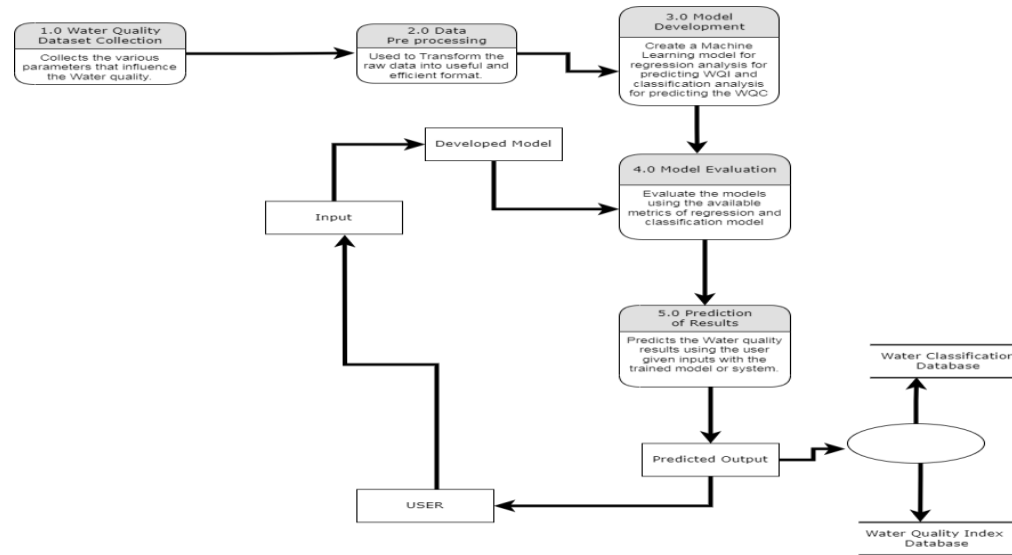
DFD LEVEL 1 DIAGRAM

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 (Mobile user)	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
		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
		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail	I can register & access the dashboard with Gmail login	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password		High	Sprint-1
	Dashboard	USN-6	As a user, I can log into the dashboard by entering username & password	I can access the website	High	Sprint-1
Customer (Web user)	Analysis of water quality	USN-7	As a user, I can access the water quality prediction section.	I can get the water quality	High	Sprint-1
Customer Care Executive	Customer queries	USN-8	As a customer care Executive, I can check the customer queries they posted in the website.	I can improve the customer satisfaction.	High	Sprint-1
Administrator	Maintaining website	USN-9	As an administrator, I can maintain website and enhance the online presence.	I can improve the website's appearance & usability.	High	Sprint-2
		USN-10	As an administrator, I can maintain issues in analysing values.	I can improve the accuracy of predicting values.	High	Sprint-2
		USN-11	As an administrator, I can update the website content	I can ensure the content is in harmony with the customer's overall objectives	Medium	Sprint-2
		USN-12	As an administrator, I can improve the website.	I can enhance user experience	High	Sprint-2