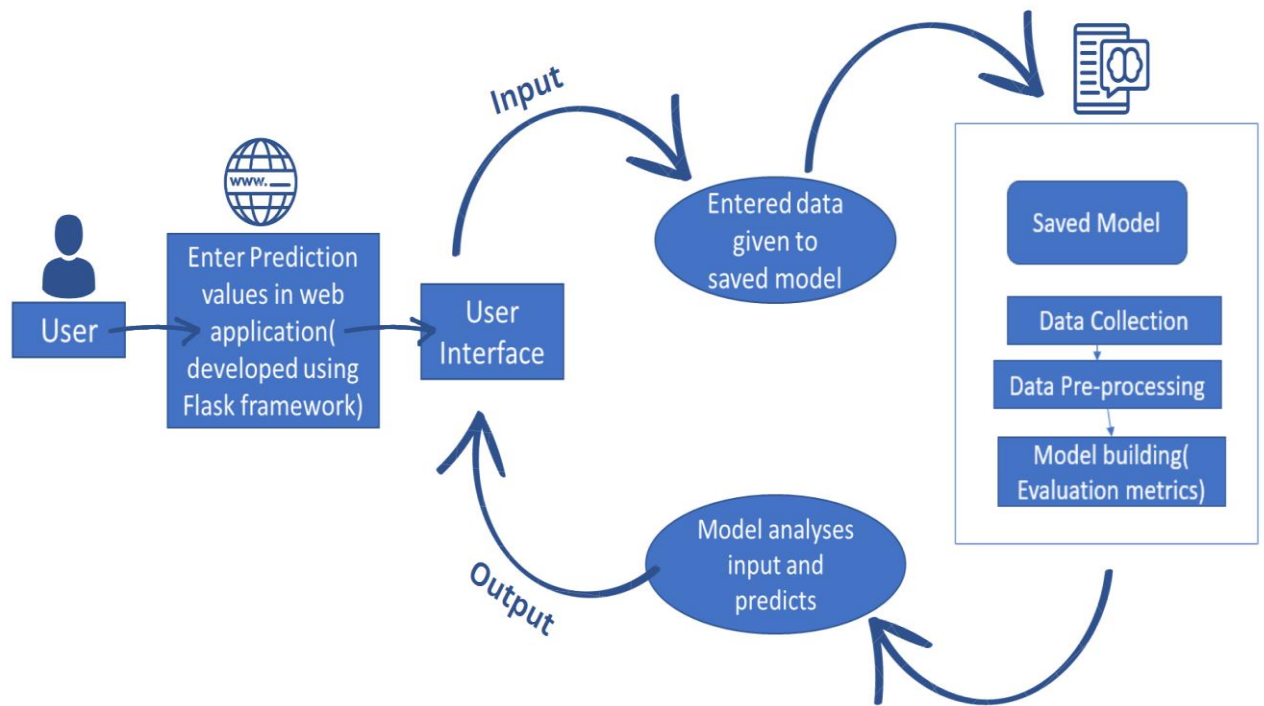


Project Design Phase-II
Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID54402
Project Name	Project – Efficient Water Quality Analysis and Prediction using Machine Learning
Maximum Marks	4 Marks

Data Flow Diagram



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Web user)	Registration	USN-1	As a user, I can register for the web 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.	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 and access the dashboard with login credentials	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can successfully login into the application	High	Sprint-1
	Dashboard	USN-6	As a user, I can access the dashboard	I can access the dashboard and give inputs for prediction and get predicted outputs.	High	Sprint-1
Customer (Industry, common user)	Prediction	CUSN-1	As a customer, I want water quality prediction for my inputs.	I can give inputs through a user interface and get predicted outputs	High	Sprint-1
Customer Care Executive	Customer queries	CCE-1	As a customer care executive, I can view the customer queries and take necessary actions	I can view the customer queries	High	Sprint-2
	Customer service inquiries	CCE-2	As a customer care executive, I can manage customer calls and inquiries.	I can answer customer inquiries to assess customer needs and achieve satisfaction	Medium	Sprint-1
Administrator	Risk Tolerant	ADMIN-1	As an administrator I can ensure efficient user experience.	I can troubleshoot websites, take necessary actions.	High	Sprint-1
	Resources	ADMIN-2	As an administrator, I can maintain the website.	I can access all the resources, documentation, update content.	Medium	Sprint-2