

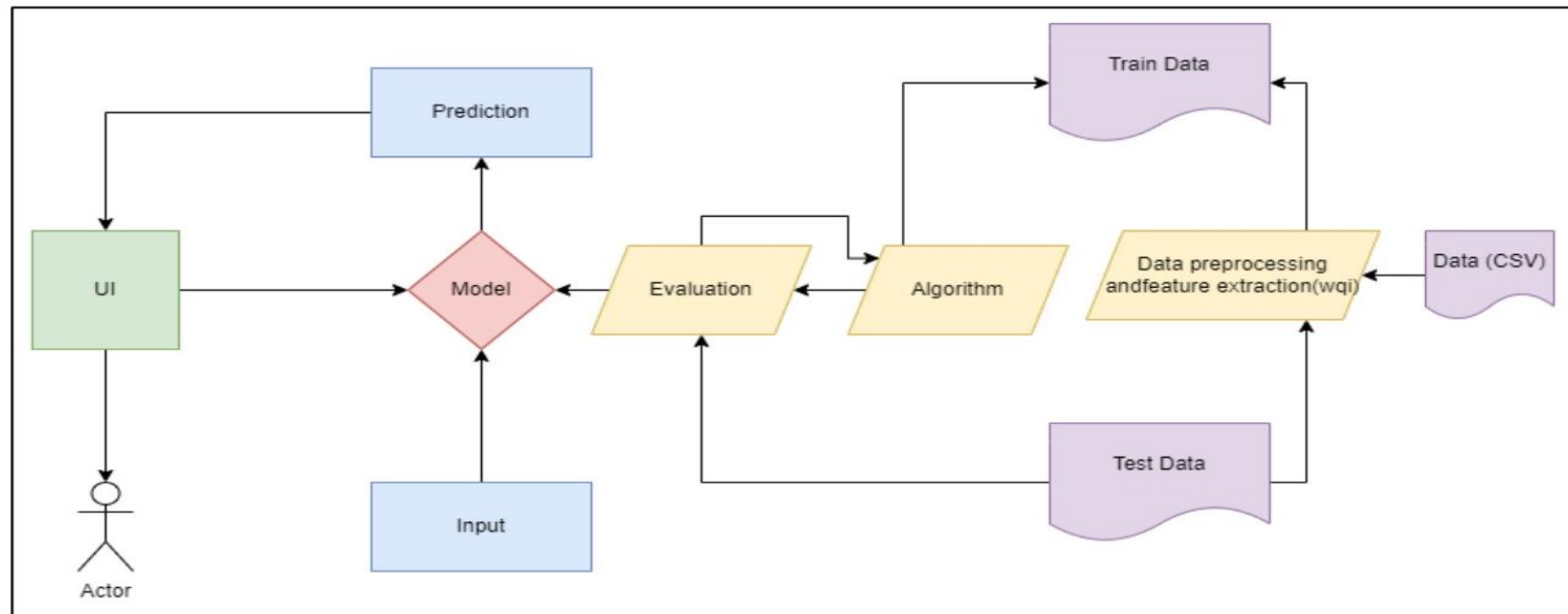
## Project Design Phase-II

### Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID18283
Project Name	Efficient Water Quality Analysis & Prediction using Machine Learning
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.



## 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 through my gmail account	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can access my account without integrations	High	Sprint-1
	Dashboard	USN-6	As a user I should be able to navigate and access all the features hassle free	The UI is clear with all features and apt themeing	High	Sprint-2
Customer (Web user)	Layout	USN-7	As a user I should be able to access the portal with different devices with the same comfort	I can access the portal through all my devices	Medium	Sprint-1
Customer Care Executive	User Segregation and data access	USN-8	As a CC executive I should be able to uniquely identify the customer and offer help	I can provide support with logs and data provided	Low	Sprint-2
Administrator	Change code	USN-9	As an administrator I should be able to modify code according to the future requirements.	I can access the code and the code is concise	High	Sprint-1
	Monitor the system	USN-10	As an administrator I should be able to monitor the cloud system and fix errors before customer.	I can monitor the health and stats of the cloud system	Medium	Sprint-2