Project Design Phase-II

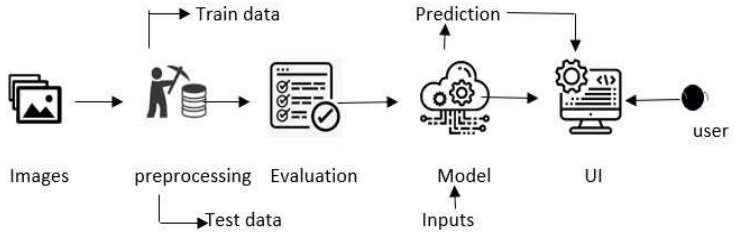
Data Flow Diagram & User Stories

Date	21 October 2022
Team ID	PNT2022TMID36381
Project Name	Fertilizer Recommendation System for Disease Prediction.
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: (Simplified)

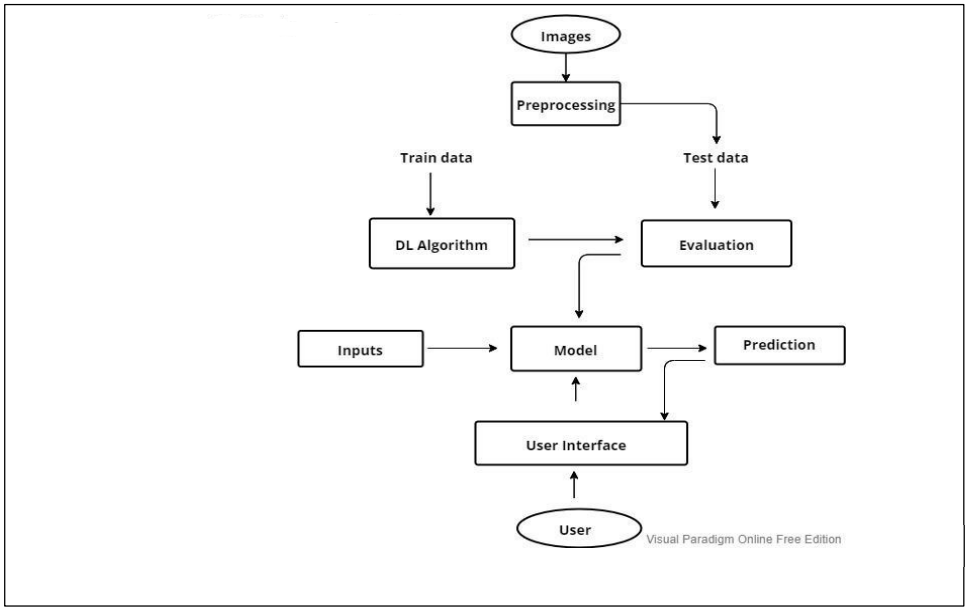


- Image is given to the pre-processor as an input and with the help

  Of train data and test data the evaluation is formed.

- The DL Algorithm evaluates and provide model.
- The input is given to the model to predicate the process.
- The user gives information to the interface and predicts the solution for user.

Example: DFD Level 0



USER STORIES

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Application Download	USN-1	The farmer must download the appropriate application in their mobile .	The farmer must have enough storage space in his mobile	High	Sprint-1
	Registration	USN-2	As a user, the farmer can register for the application by entering email, password, and confirming the password.	Farmer can access his account / dashboard	High	Sprint-1
		USN-3	The Farmer will receive confirmation email once he had registered for the application	He can receive confirmation email & click confirm	High	Sprint-1
		USN-4	He can also register for the application through Google	He can register & access the dashboard with Google Login	Low	Sprint-2
	Login	USN-5	As a user, The farmer can log into the application by entering email & password	He can login only when the user mail & password.	High	Sprint-1
	Dashboard	USN-6	The farmer has to go through the application to check out the available features	He can can see the new Available feature in the application	Medium	Sprint-1
		USN-7	The farmer can use the required features for their issues in his field.	He can solve the issues using the various fields	High	Sprint-1
Customer (Web user)	Registration	USN-8	As a user, the farmer can register for the application by entering email, password, and confirming the password	Farmer can access his account / dashboard	High	Sprint-1
		USN-9	The Farmer will receive confirmation email once he had registered for the application	He can receive confirmation email & click confirm	High	Sprint-1
	Login	USN-10	As a user, The farmer can log in by entering email & password	He can login only when the user mail & password	High	Sprint-1
Customer Care Executive	Login issues	USN-11	Issues related to login can be reported there.	He can report the login related issue's	Medium	Sprint-1

	Queries related to prediction.	USN-12	Doubts regarding the predicted output can be rectified.	He can clear the doubts Using the predicted output	High	Sprint-1
Administrator	Registration Confirmation	USN-13	Responding to farmer's registration with a confirmation mail.	He must have valid email and strong password	High	Sprint-1
	Database Management	USN-14	Farmer's inputs and predicted output are saved and managed for future use.	Here the inputs and output are saved and managed	High	Sprint-1