

USER STORIES

Project Design Phase-II Data Flow Diagram & User Stories

Date	10 October 2022
Team ID	PNT2022TMID01117
Project Name	Project – 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: [\(Simplified\)](#)

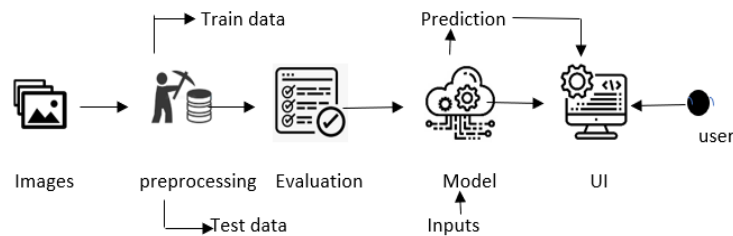


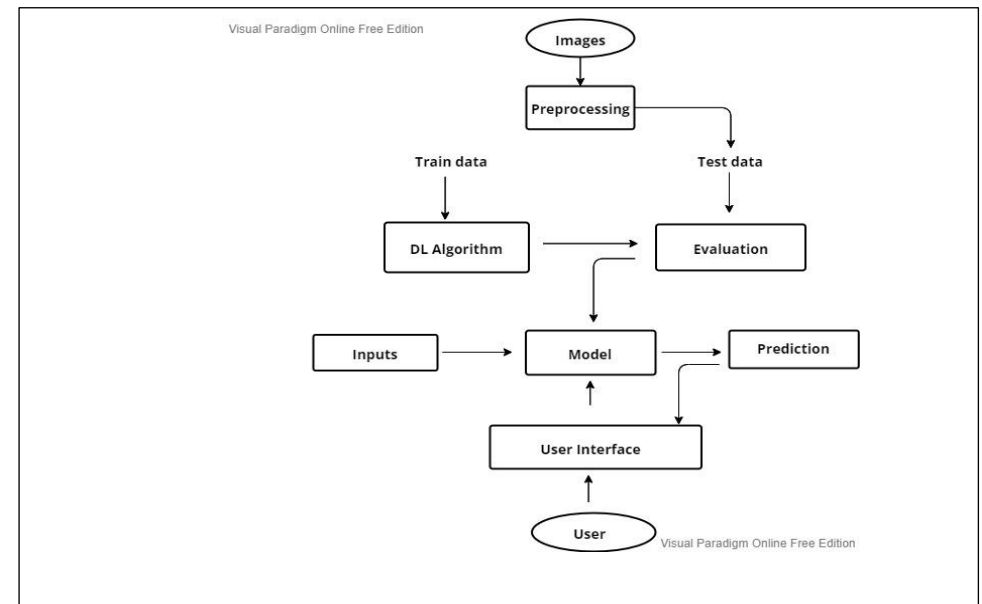
Image is given to the pre-processor as an input and with the help of train data and test data the evaluation is formed.

It evaluates and provides model.

The input is given to the model

The user gives information to the user interface and predicts solution.

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 Facebook	He can register & access the dashboard with Facebook 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		Medium	Sprint-1
		USN-7	The farmer can use the required features for their issues in his field.		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.		Medium	Sprint-1
	Queries related to prediction.	USN-12	Doubts regarding the predicted output can be rectified.		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.		High	Sprint-1