

Project Design Phase-II

Data Flow Diagram & User Stories

Date	17 October 2022
Team ID	PNT2022TMID53155
Project Name	Estimate the Crop Yield using Data Analysis
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 (Farmer)	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-1
	Data	-	I can view the crop yield history, past profits and losses	I can access past dataset of crop yield in India	High	Sprint-2
	Analysis	USN-5	I can get clean,processed and analysed data		High	Sprint-3
Customer Care Executive	Customer Care Executive (Communication)		As a user, i can provide support systems for companies that often communicate with the customers	I can maintain strong relationships with customer and client ,so I can ease their queries and increase productivity	Medium	Sprint-4
Estimator	Estimation		As a user, I can view the items that are to be estimated	I have a feel for the size of the various items in the product based	Medium	Sprint-4

Data Flow:

