

Project Design Phase-II

Data Flow Diagram & User Stories

Date	15 October 2022
Team ID	PNT2022TMID25946
Project Name	Estimate the crop yield using data analytics
Maximum Marks	4 Marks

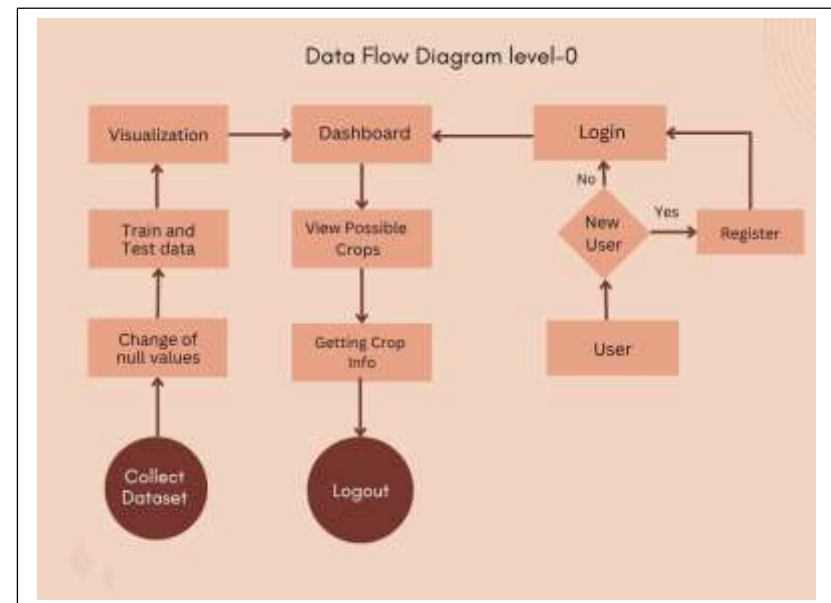
Data Flow Diagrams:

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: [\(Simplified\)](#)



Example: DFD Level 0 (Industry Standard)



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
	Login	USN-4	As a user, I can log into the application by entering email & password	I can enter the user name and password	High	Sprint-1
	Dashboard	USN-5	Estimation of crop yield will be displayed	I can access the dashboard	High	Sprint-1
Customer (Web user)	Accessing the dashboard	USN-1	View the estimation of crops available on the dashboard and take decisions accordingly	I can use the information for crop yielding	High	Sprint-1
Customer Care Executive	Connects the user	USN-1	Connects the user with the dashboard	I can access the services	Medium	Sprint-3
Administrator	Provides services	Admin	Estimate the crop yield and display the visualizations on the dashboard	I can update visualizations	High	Sprint-1