

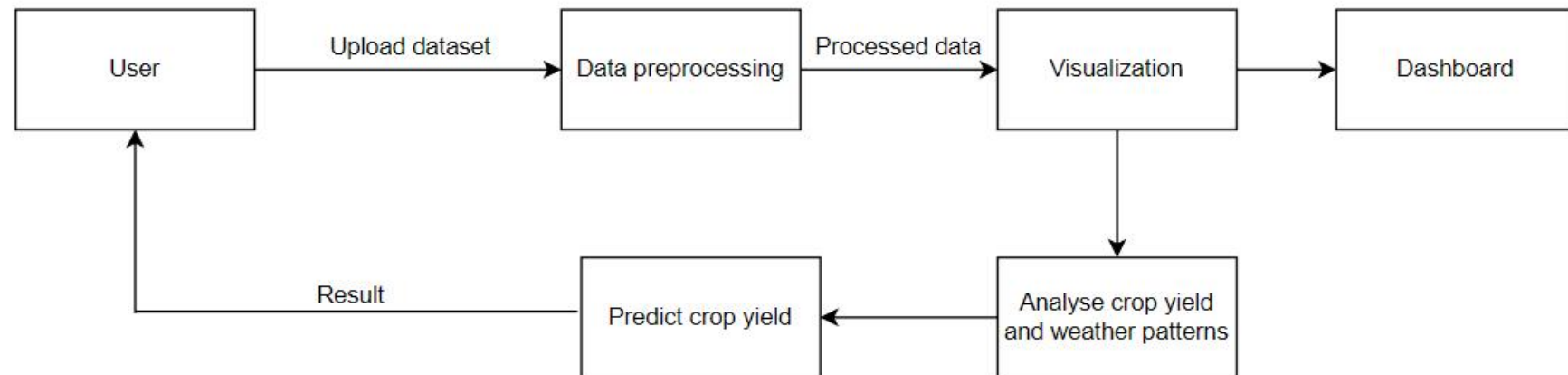
Project Design Phase-II

Data Flow Diagram & User Stories

Date	15 October 2022
Team ID	PNT2022TMID53366
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.



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 (web 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 Gmail	I can register and sign in through Gmail	Medium	Sprint -2
	Login	USN-4	As a user, I can log into the application by entering email & password	I can access my account	High	Sprint-1
	Data upload	USN-5	As a user, I can use the application to upload data.	I can update crop yield data	High	Sprint-1
	Cleaning	USN-6	As a user, I can clean the uploaded data	I can avoid outliers and noisy data	High	Sprint-2
	Processing	USN-7	As a user, I can process the input data using suitable model	I can process the input data	High	Sprint-2
	Visualize	USN-8	As a user, I can visualize the crop yield pattern	I can analyse the patterns	High	Sprint-2
	Prediction	USN-9	As a user, I can predict the crop yield for the input data	I can see the results in the form of graphs	High	Sprint-3