Project Design Phase-II
Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID10910
Project Name	Project - Exploratory Analysis of Rain Fall Data in India for Agriculture.
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.
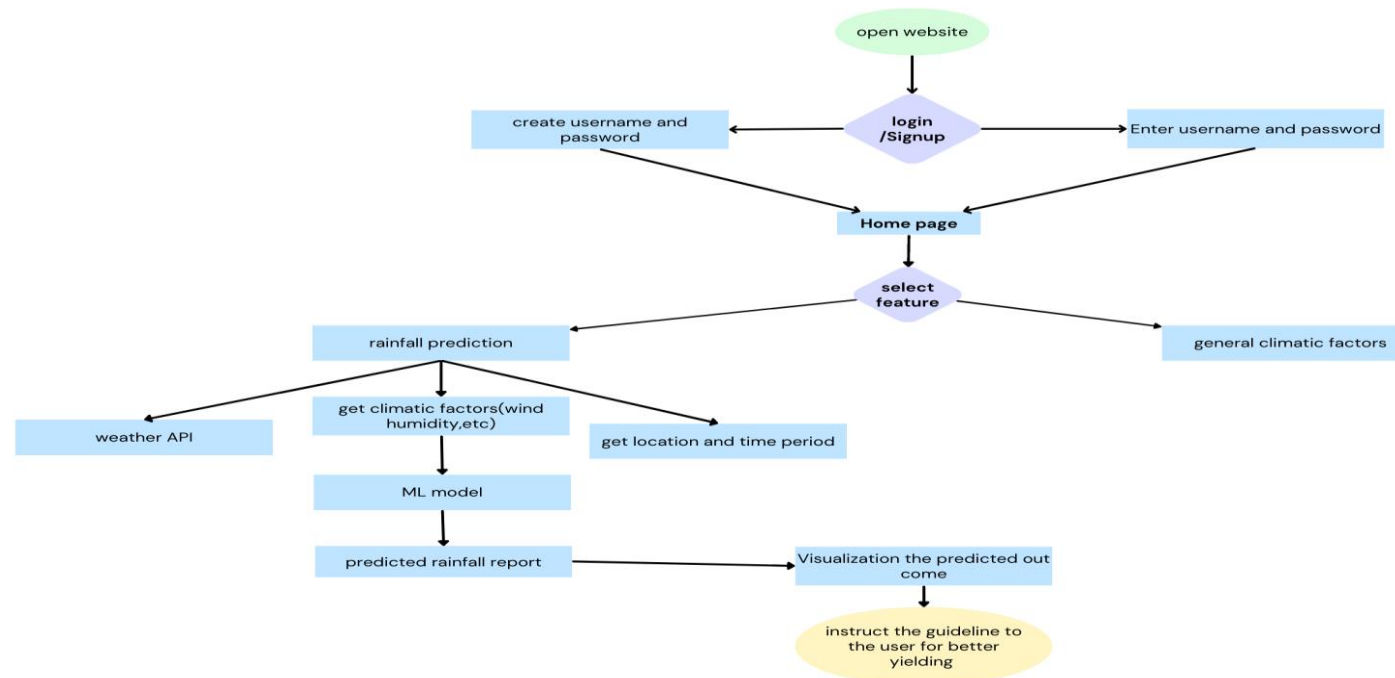
User Stories

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
	confirmation	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
	Registration	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
	Registration	USN-4	As a user, I can register for the application through Gmail		Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password		High	Sprint-1
	Dashboard	USN-6	As a user, I can view the details about the system and can navigate through the pages	Successfully redirected	High	Sprint-3
	Dashboard	USN-7	Create the dashboard of the web page	This page contains my database	High	Sprint-3
	Rainfall prediction	USN-8	To enter the climatic factor and location	Valid information	High	Sprint-4
	Algorithm	USN-9	Execution of ML Algorithm	Report generated	High	Sprint -4
	Visualization	USN-10	The reports are generated as predicted plot, graphs and images	Visual representation	High	Sprint -4
	guidelines	USN-11	By the report itself generates the instruction guideline for crop yielding	Guidelines generated	High	Sprint-4
Core development team	Update data	USN-12	change the current updated data set	Updated dataset	Medium	Sprint -3
	Core function	USN-13	This web sit is available on all devices and screen sizes, user friendly webpage		medium	Sprint -3