

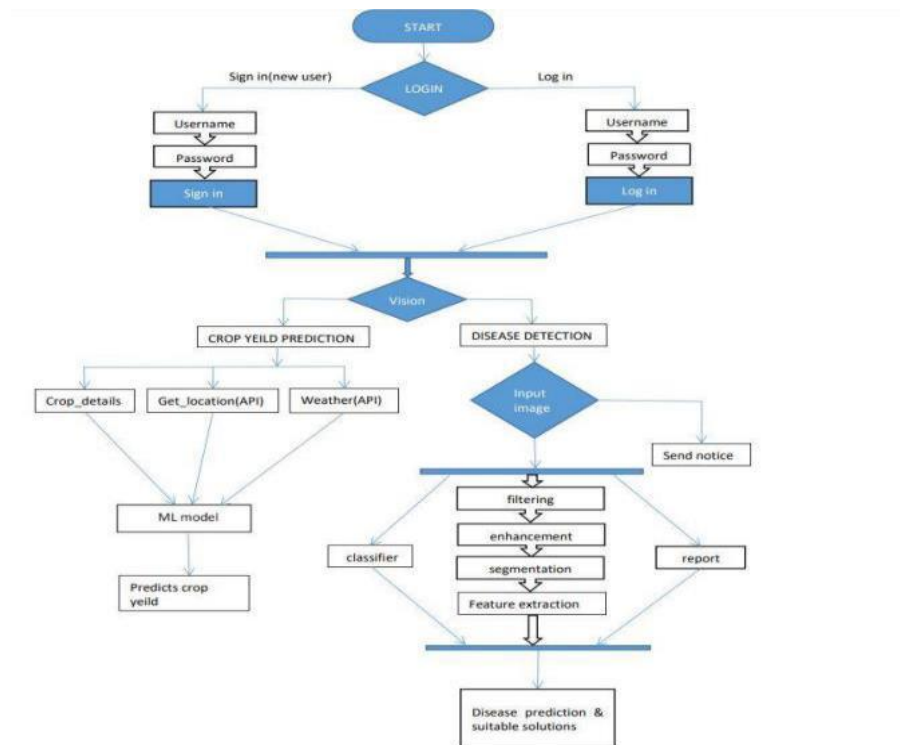
Project Design Phase-II

Data Flow Diagram & User Stories

Date	23 October 2022
Team ID	PNT2022TMID47681
Project Name	Project - Exploratory Analysis of Rainfall 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 (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 LinkedIn	I can register & access the dashboard with LinkedIn Login	Low	Sprint-1
		USN-4	As a user, I can register for the application Through Form		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 page and navigate through the entire pages	I can navigate through the pages.	Medium	Sprint-1
	Prediction	USN-7	User can search for the area / place where the user wants to know the prediction of rainfall .	Searching for the region within INDIA only be accepted	High	Sprint-1
		USN-8	The prediction or analysis for the desired region for the future or past events respectively		Medium	Sprint-1
		USN-9	User can see the visualization of the rainfall data for the specific region in INDIA for a specified time period.		Medium	Sprint-1
		USN-10	Remote Sensing data is a powerful tool for Estimating crop yield		Low	Sprint-1
	News	USN-11	User can view the latest news articles related to agriculture.	I can view the news articles.	High	Sprint-2
		USN-12	User can change his/her password and can view the account details and search history		High	Sprint-2
Customer (Web)	Support	USN-13	User can ask queries about the system.	I can rectify my doubts	High	Sprint-3

user)						
		USN-14	User can give the feedback on the accuracy of the prediction and on the user interface		High	Sprint-3
Customer Care Executive		USN-15	The team must analyse all the queries and debug it in the next update		High	Sprint-3

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
development team	Core function	USN - 16	Design and develop the application in such a way that the best user interface and maintenance should be taken care of		High	Sprint-4
		USN-17	The updates should be on time with the solution of the raised queries		High	Sprint-4
		USN-18.	The website is responsive on all the devices and the screen sizes. User experience should be good irrespective of the devices or platforms		High	Sprint - 4