

Project Design Phase-II

Data Flow Diagram & User Stories

Date	09 November 2022
Team ID	PNT2022TMID51168
Project Name	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.	Account specific tasks and actions can be performed	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered for the application	Verify the registered account	High	Sprint-1
		USN-3	As a user, I can register for the application through Facebook	Account validated and got access to profile dashboard	Low	Sprint-1
		USN-4	As a user, I can register for the application through Gmail	Right account credentials should be entered	Medium	Sprint-1

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
	Login	USN-5	As a user, I can log into the application by entering email & password		High	Sprint-1
	Dashboard	USN-6	User can search for the region where he/she wants to know the prediction of rainfall	Searching for the region in India will be accepted only	High	Sprint-2
Customer (Web user)		USN-7	User can view the visualization of the rainfall data for a specific region in India or for a specific time period		Medium	Sprint-2
Customer Care Executive		USN-8	User can change his/her password and can view the account details and search history	Verification will be required and new password should be entered	High	Sprint-2
Administrator		USN-9	The prediction or analysis request can be asked for the desired region for future or past events respectively		High	Sprint-2

