

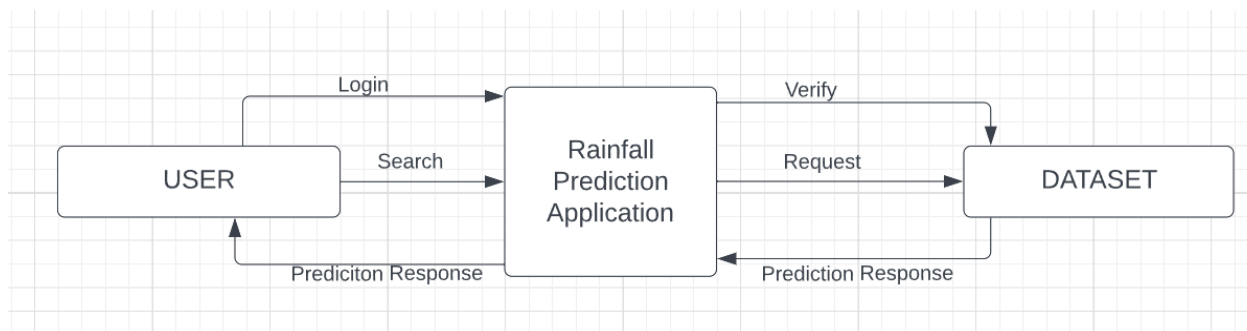
Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID25913
Project Name	Project - Exploratory Data for Rainfall Analysis in India for Agriculture
Maximum Marks	4 Marks

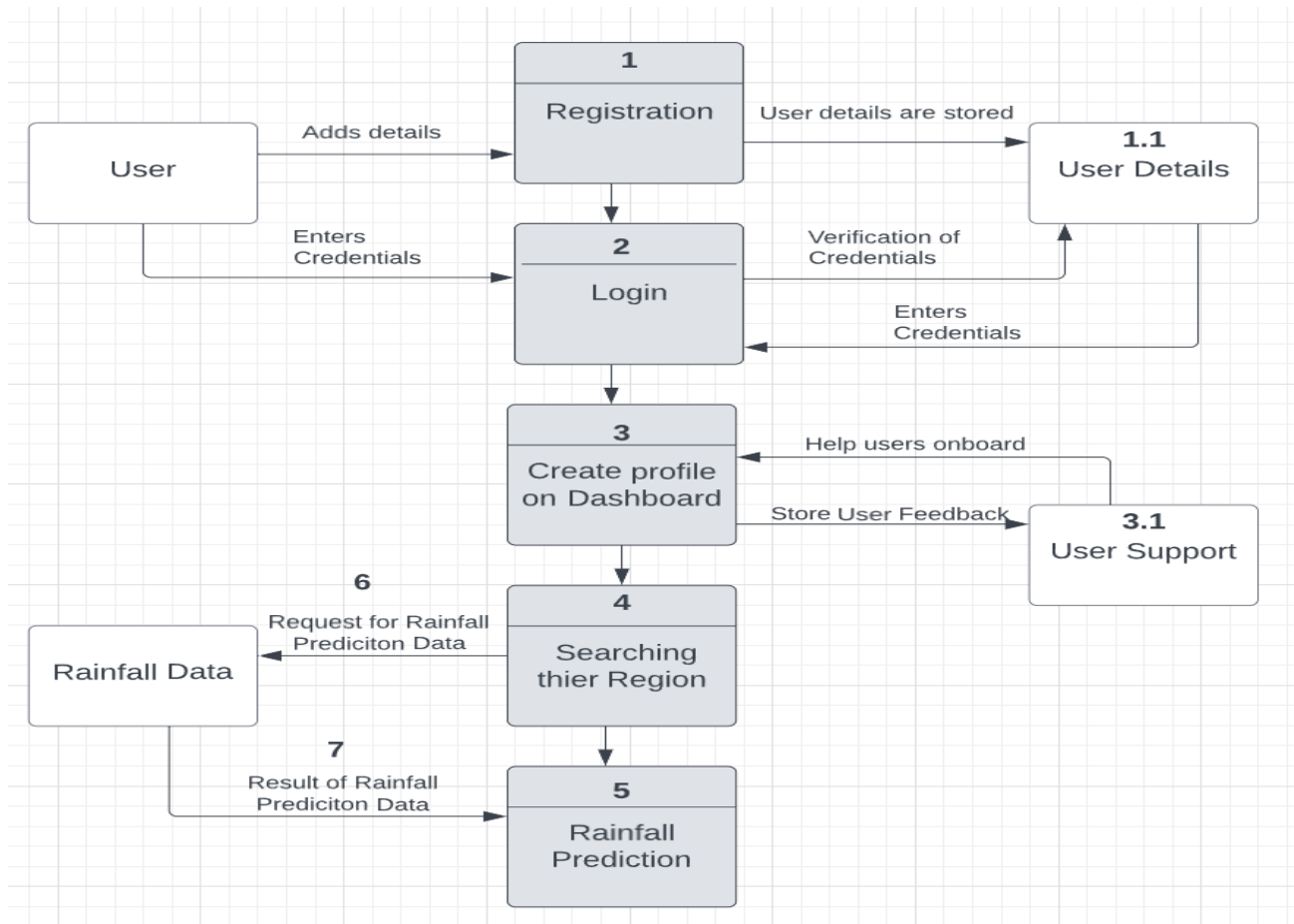
Data Flow Diagrams:

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.

Level 0 :



Level 1 :



User Stories

User stories for the Rainfall Prediction Platform are listed below

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
User (Website user)	Registration	USN-1	User can register to the platform by entering email, password , mobile number.	Account related activities is performed	High	Sprint-1
		USN-2	User will receive confirmation email and message using OTP	Account is validated and verified	Medium	Sprint-1
	Login	USN-3	User should enter credentials - username,password and login.	Details must be added without any errors	High	Sprint-1
		USN -4	User must be able change or modify their login and profile details	Email Id or Mobile Number must be used to verify	High	Sprint-1
	Platform Dashboard	USN-5	User can login and add details about them into their profiles	Only regions within India will be available	Medium	Sprint-1
		USN-6	User must be able to search and visualize data of their geographical region for which they need to know prediction of rainfall data		High	Sprint-2
		USN-7	The prediction or analysis request can be asked for the desired region for future or past events respectively		Medium	Sprint-2

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
User Support Team	Support Users	USN -8	Must respond and attend to all user queries through calls/mail/messages	All users doubt will be clarified	High	Sprint-3
		USN-9	Q/A session must be conducted to help users resolve their doubts and FAQ must be addressed.		Medium	Sprint-3
		USN-10	Feedback must be actively collected from users	Must help in betterment of platform	High	Sprint-3
		USN-11	Must update development team about errors and bugs found by users		High	Sprint-3
Admin / Development Team	Development	USN-12	Platform must be developed and designed with easily understandable and efficient user interface	User experience must be responsive and easy	High	Sprint-4
		USN-13	Platform should be developed in a way that it is flexible and responsive on all devices		High	Sprint-4
		USN-14	Frequently platform must be maintained and updates must be done	Functionalities of older version shouldnt be affected	High	Sprint-4