

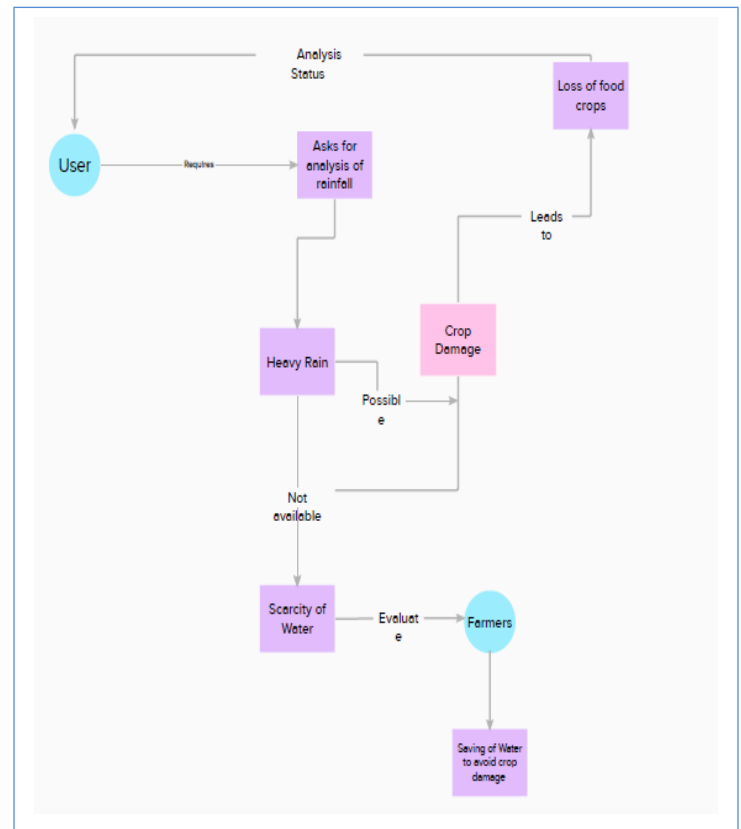
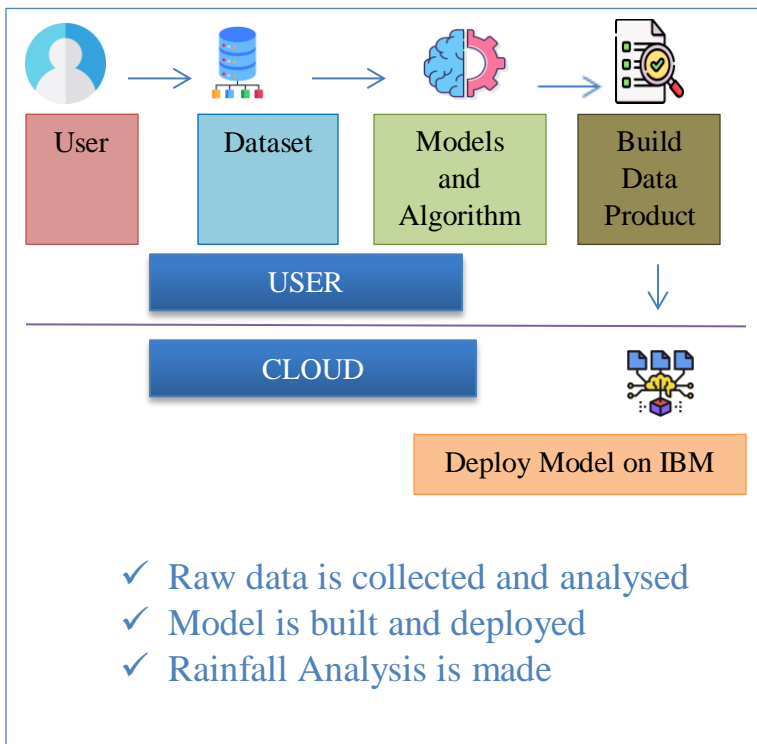
Project Design Phase-II

Data Flow Diagram & User Stories

Date	16 October 2022
Team ID	PNT2022TMID46353
Project Name	Project - “EXPLORATORY ANALYSIS OF RAIN FALL DATA IN INDIA FOR AGRICULTURE”
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Maximum Marks	4 Marks

Data Flow Diagram: A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system.

FLOW:



User Stories:

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Mobile User (Farmers)	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	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
	Login	USN-3	As a user, I can log into the application by entering email & password	After giving correct login information, it proceeds further	High	Sprint-2
	Dashboard	USN-4	Displaying of user	User can access details in	Medium	Sprint-2

			Credentials	dashboard		
	Rainfall Prediction	USN-5	User can enter the temperature condition of the environment	User have to enter their environment conditions	High	Sprint-3
		USN-6	Prediction of rainfall and displaying of result	Using algorithms, prediction is made	Medium	Sprint-3
	Testing	USN-7	Test the model	Testing of model	High	Sprint-4
	Deploying	USN-8	Deploy the model	Successful prediction of rainfall by deploying model in IBM Cloud	High	Sprint-4