Project Design Phase-II
Data Flow Diagram & User Stories

| Date	20 October 2022
Team ID	PNT2022TMID09651
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 s

Context Diagram:
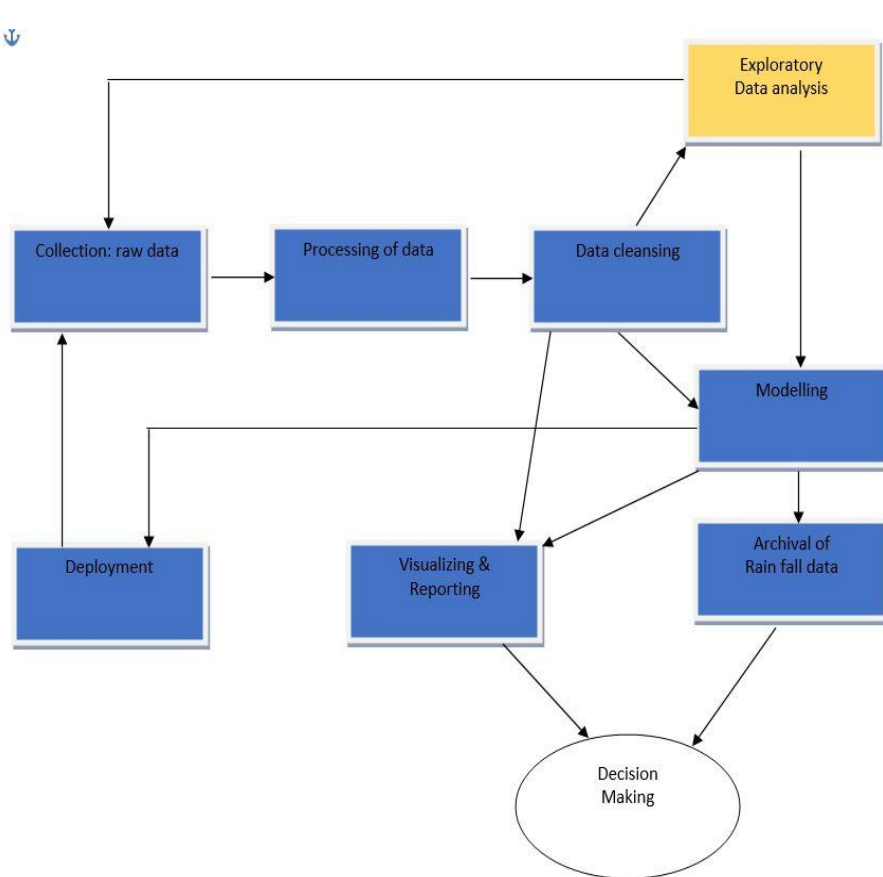
Level 2 DFD Diagram
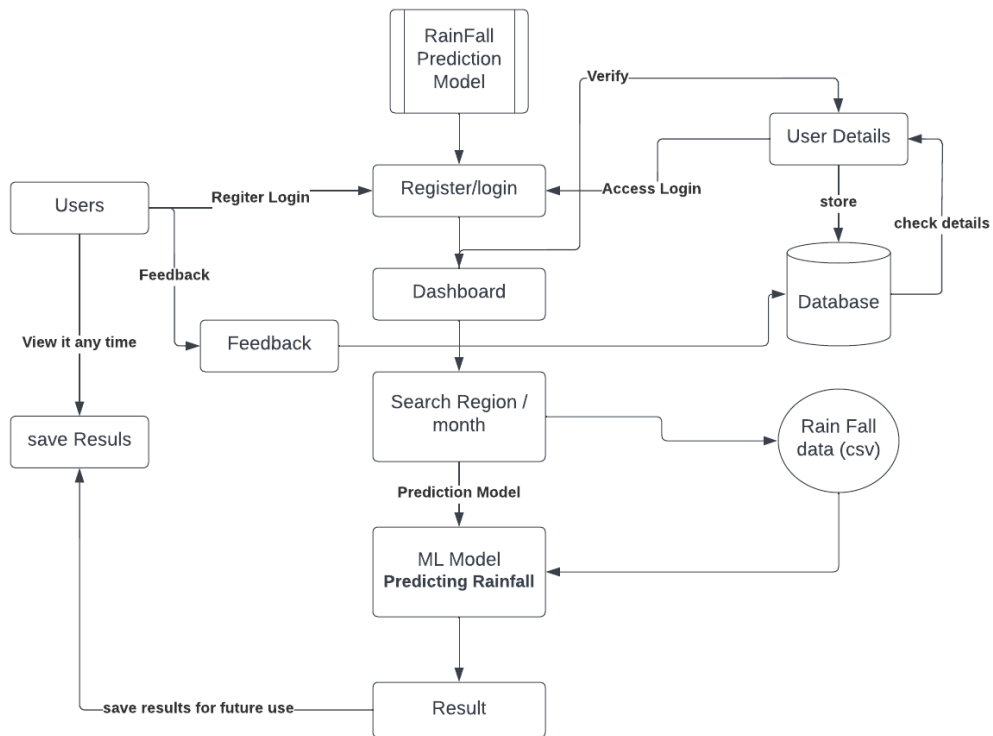
User Stories:

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 Page)	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 Gmail	I can integrate my gmail account	Medium	Sprint-1
	Login	USN-4	As a user, I can log into the application by entering email & password	I can access the system	High	Sprint-1
	Dashboard	USN-5	As a user, I can view the details about the page	I can navigate through the pages	Medium	Sprint-2
	Prediction	USN-6	User can search for the area/place where the user wants to know the prediction of rainfall	Only places in India will be accepted	High	Sprint-2
		USN- 7	User can see the visualization of the rainfall on a specific region for a stipulated time and alerts the user accordingly.		High	Sprint-2
Customer Care Executive	Contact	USN-8	User raise queries	Taken into review	Medium	Sprint-3
		USN-9	The team reviews the queries and make plans to suggest solution based upon priority.	Queries must be responded or solved	High	Sprint-3
Administrator	Login	USN-10	Existing Administrator credentials will be provided	I can view and update the system	High	Sprint-3
	User Experience	USN-11	The website is responsive on all the devices and the screen sizes	User experience should be good	High	Sprint-3