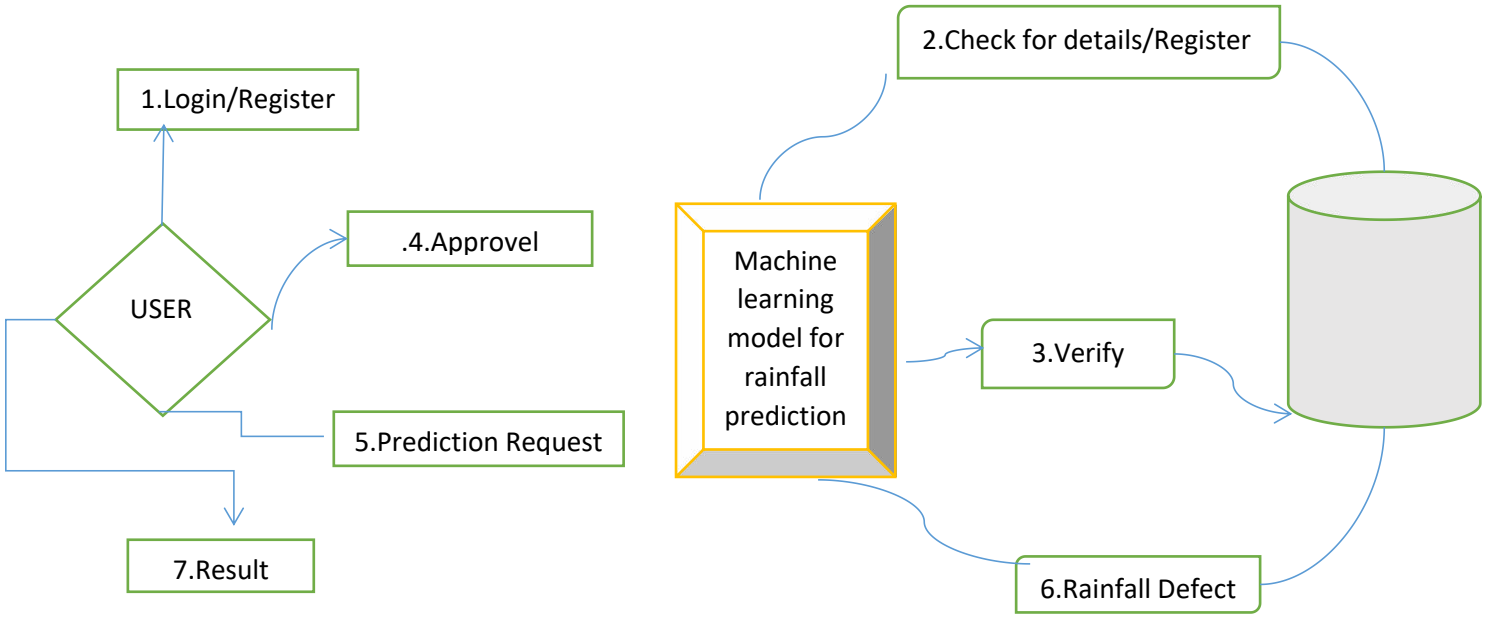
Project Design Phase-II
Data Flow Diagram & User Stories

Date	17 October 2022
Team ID	PNT2022TMID30627
Project Name	Exploratory Analysis Of Rainfall Data In India For Agriculture
Maximum Marks	4 Marks

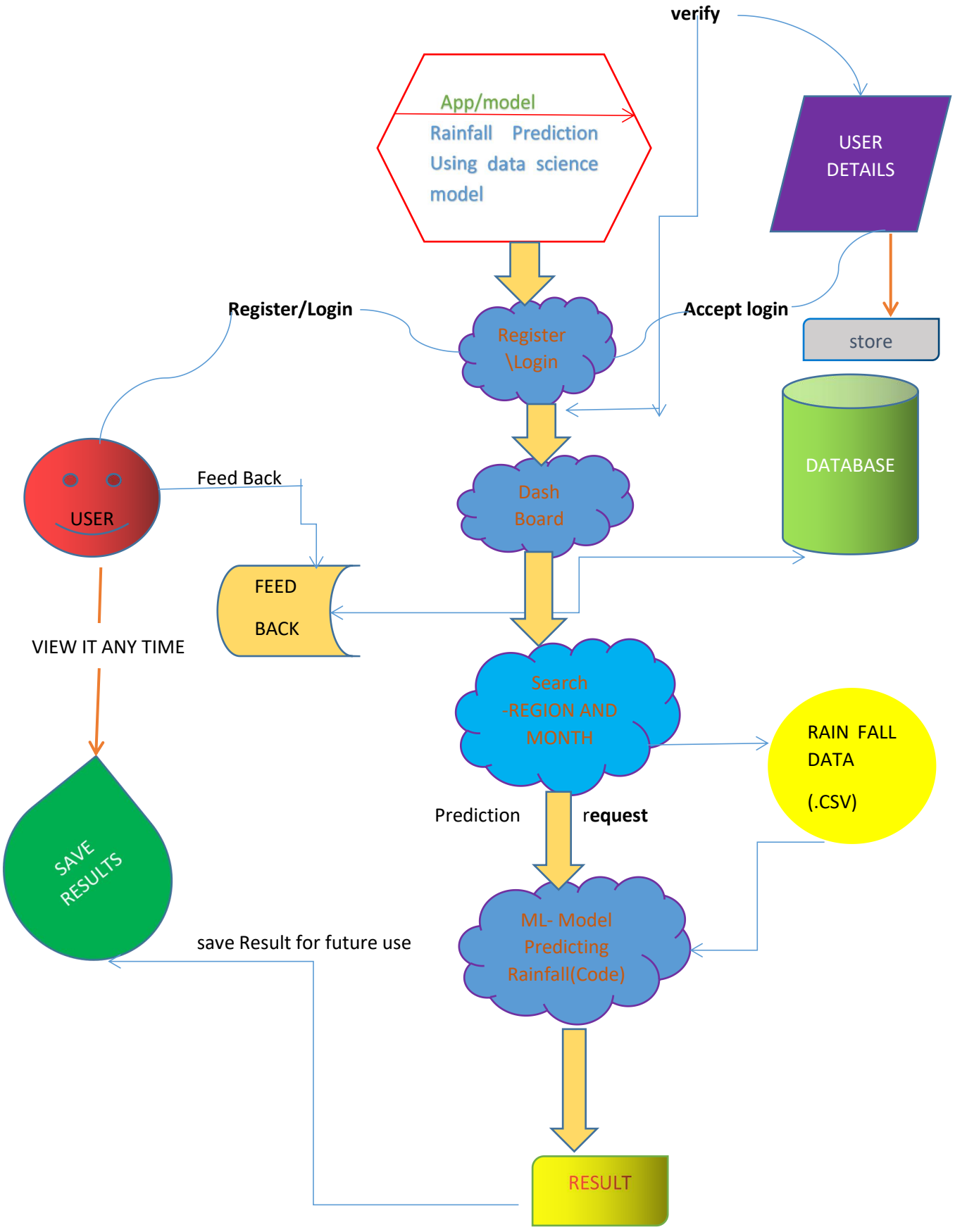
Data Flow Diagrams:

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.

0-LEVEL DATA FLOW DIAGRAM:



2- LEVEL DATA FLOW DIAGRAM:



User stories:

Use the below template to list all the user stories for the product .

User type	Functional Requirement	User story number	User story / Task	Acceptance criteria	Priority	Release
Customer (mobile user)	Registration	USN-1	I can sign up for the application as a user by providing my email address, a password, and a password confirmation.	I can access my dashboard or account.	High	Sprint-1
		USA-2	When I register for the application as a user, I will get a confirmation email.	can click the confirm button in a confirmation email.	High	Sprint-2
	Login	USA-3	I can access the application as a user by using my registered email and password.	can get to the system's dashboard.	High	Sprint-1
		USA-4	The user has the option to check their search history and change their password.	New password must be supplied and verification is necessary.	High	Sprint-1
		USA-5	For numerous systems, the already-existing login information should be used.		Medium	Sprint-1

	Dash Board	USA-6	I can view the page's specifics and navigate through the entire page as a user.	is able to traverse the pages.	Medium	Sprint-1
	Prediction	USA-7	The user can conduct a search for the location or area where they want to receive rainfall forecasts.	Only searches for regions in India are acceptable.	High	Sprint-1
		USA-8	the analysis or forecast for the selected area for either upcoming or historical events.		High	Sprint-1
		USA-9	The visualisation of the rain is available to users.information for a given time period for a particular region of INDIA.		High	Sprint-1
	News	USA-10	Users can view the most recent agricultural-related news articles.	I am able to see the news stories.	Medium	Sprint-2
Customer care Executive	Support	USA-11	User inquiries about the system are welcome.	I can clear up my doubts.	High	Sprint-3
		USA-12	The group must examine each query and fix it in the upcoming update.		High	Sprint-3
		USA-13	Prepare a FAQ session.		Low	Sprint-3

Core Development Team	Core Function	USA-14	The programme should be designed and developed in such a way that the optimal user interface and maintenance are considered.		High	Sprint-1
		USA-15	On all devices and screen sizes, the website is	The user experience should be positive regardless of the platforms or devices.	High	Sprint-1
		USA-16	The updates must contain the answers to the asked questions in a timely manner.	The updates shouldn't have an impact on the already available functionalities.	High	Sprint-1