

Project Design Phase-II

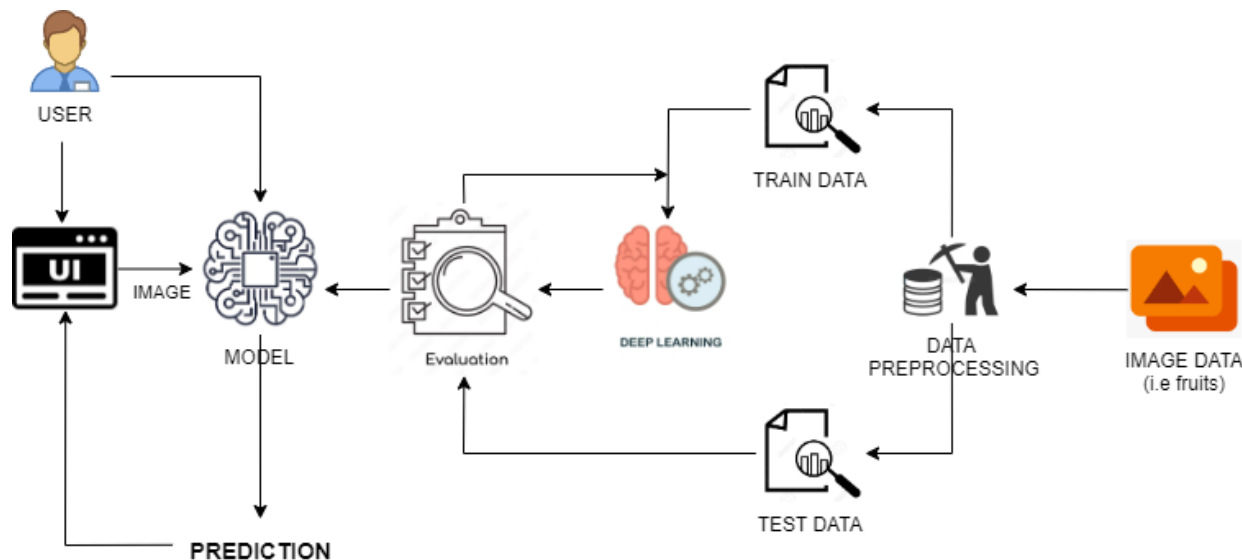
Data Flow Diagram & User Stories

Date	10 October 2022
Team ID	PNT2022TMID46445
Project Name	AI-powered Nutrition Analyzer for Fitness Enthusiasts
Maximum Marks	4 Marks

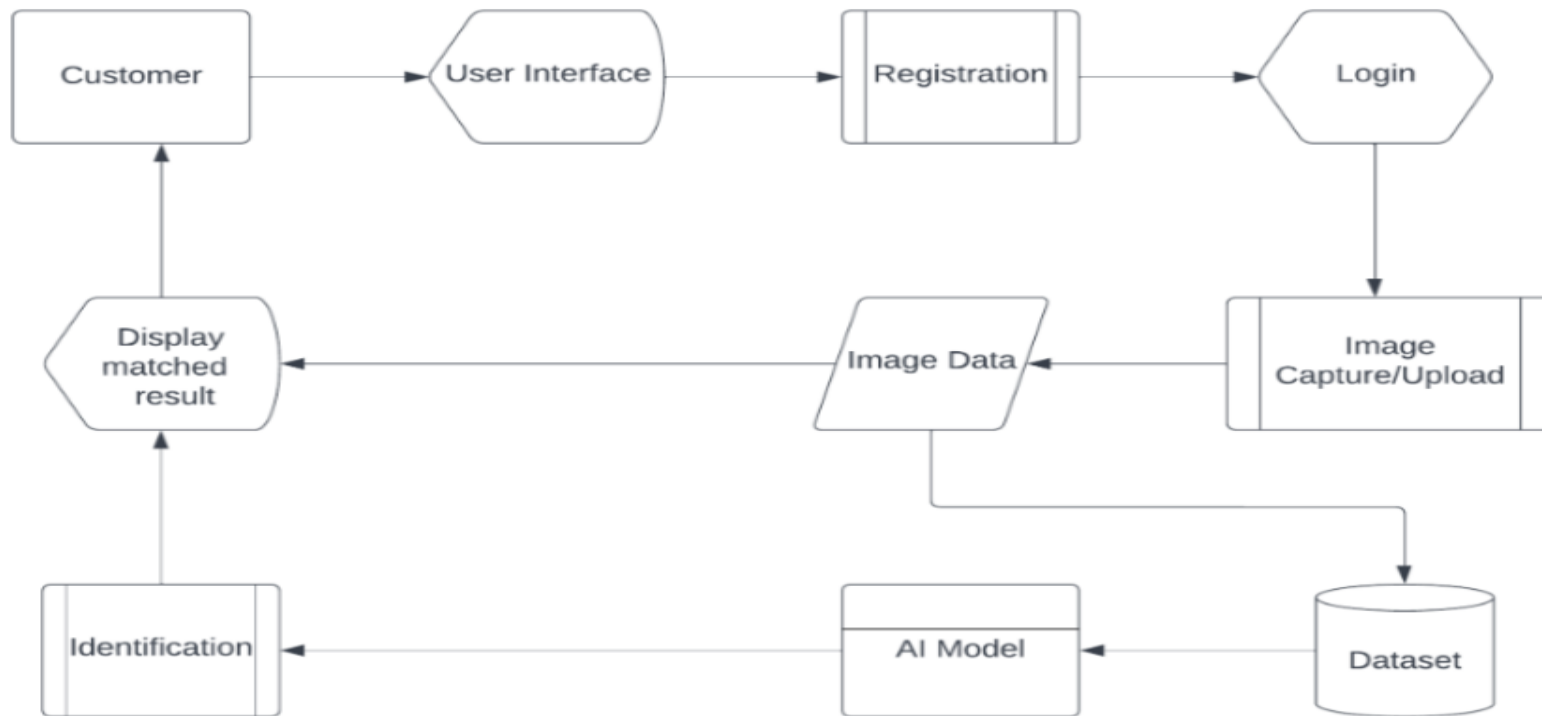
Data Flow Diagrams:

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.

FLOW DIAGRAM:



DFD LEVEL 0: Industry Standard



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.	I can access my account / dashboard	High	Sprint-1

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
	Login	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
	Registration	USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook	Low	Sprint-2
	Registration	USN-4	As a user, I can register for the application through Gmail	I can register using mail	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	As a user I can log on to website on demand	High	Sprint-1
	Access	USN-6	As a user I can give access to camera	I can give access	Medium	Sprint-1
	Webpage	USN-7	As a user I can upload the input fruit image to the website	I can upload the images	High	Sprint-2
	Calorie Tracker	USN-8	As a user, I can either enter the food intake manually or either through camera image capturing 5x daily	My food intake is calculated & analysed on a daily basis	Medium	Sprint-2
	Diet Plan	USN-9	As a user, I can formulate my diet plan by myself according to the given essential nutrients.	The AI model checks whether my diet meets the required nutrient levels.	Low	Sprint-3
Customer (Web user)	Registration	USN-10	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account or dashboard	High	Sprint-3
Customer Care Executive	Solving customer queries	USN-11	As a user I should be able to get support from customer care in case if the application failed	I can obtain responses & guidelines from it	Medium	Sprint-2
Administrator	Database maintenance	US-12	As an administrator, I can handle all the user information & image datasets captured by the AI model.	I can ensure data safety & provide various assurance towards user security	High	Sprint-4