Project Design Phase
Data Flow Diagram

Date	31.10.2022
Team ID	PNT2022TMID51044
Project Name	AI-powered Nutrition Analyzer for fitness Enthusiasts
Maximum Mark	4 Marks

Data Flow Diagram
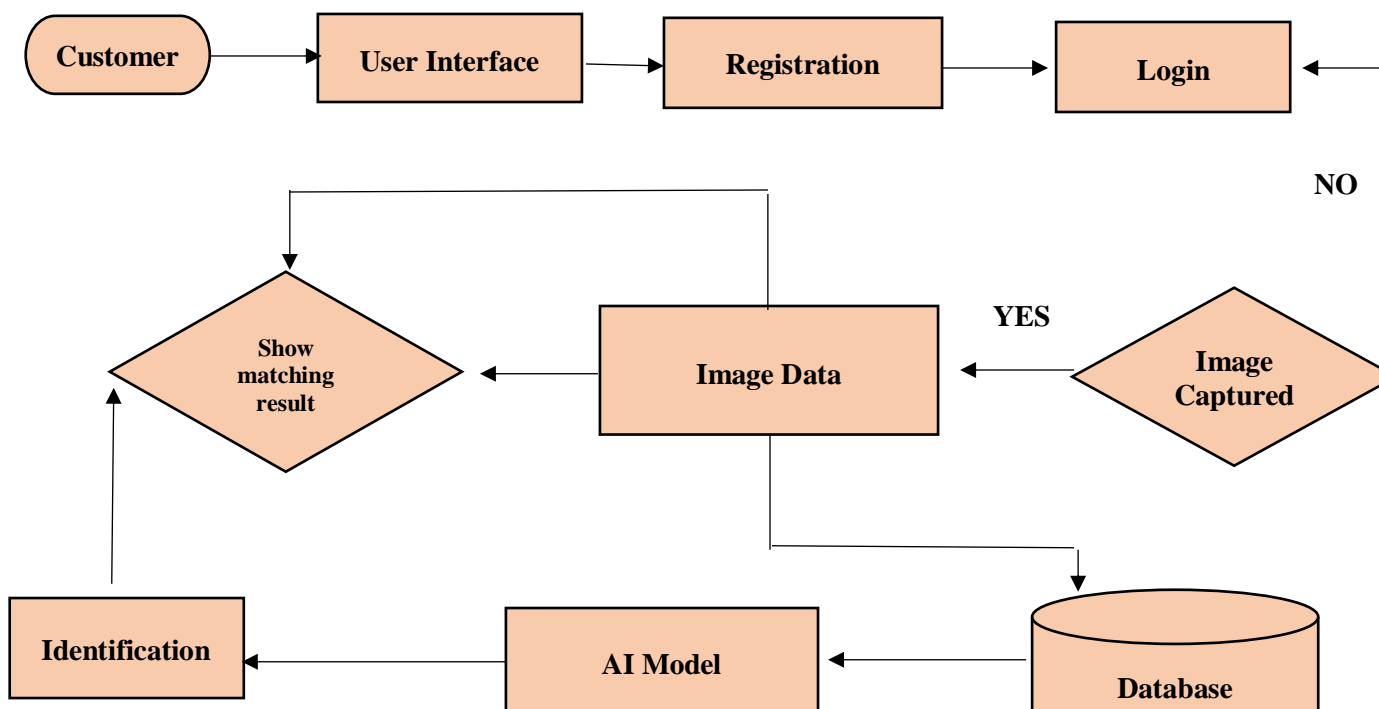
USER STORIES :

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	I may sign up for the programme as a user by providing my email address, a password, and a password confirmation.	I can login my dashboard or account.	High	Sprint-1
	Login	USN-2	When I register for the application as a user, I will get a confirmation email.	When I register for the application as a user, I will get a confirmation email.	High	Sprint-1
	Registration	USN-3	I may sign up for the application as a user through Facebook.	I may use Facebook to sign up and view the dashboard.	Low	Sprint-2
	Registration	USN-4	I may sign up for the application as a user using Gmail.	I can sign up via mail.	Medium	Sprint-1
	Login	USN-5	I may access the application as a user by providing my email address and password.	I have continuous access to the website as a user.	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 tothe website	I can upload the images	High	Sprint-2
	Calorie Tracker	USN-8	As a user, I have the option of manually entering my food consumption or five daily camera picture captures.	Every day, my food consumption is calculated and analysed.	Medium	Sprint-2
	Diet Plan	USN-9	I, as a user, am able to create my own diet plan using the vital components provided.	The AI model determines if my food has the necessary amounts of nutrients..	Low	Sprint-3
Customer (Web user)	Registration	USN-10	I may sign up for the programme as a user by providing my email address, a password, and a password confirmation.	I can login my account ordashboard	High	Sprint-3

Customer Care Executive	Solving customer queries	USN-11	In the event that the application was unsuccessful, I should be able to contact customer service for assistance.	I can get suggestions & replies from it.	Medium	Sprint-2
Administrator	Database maintenance	US-12	I can manage all the user data & picture datasets collected by the AI model in my capacity as an administrator..	I can give numerous assurances on user security and data safety.	High	Sprint-4