

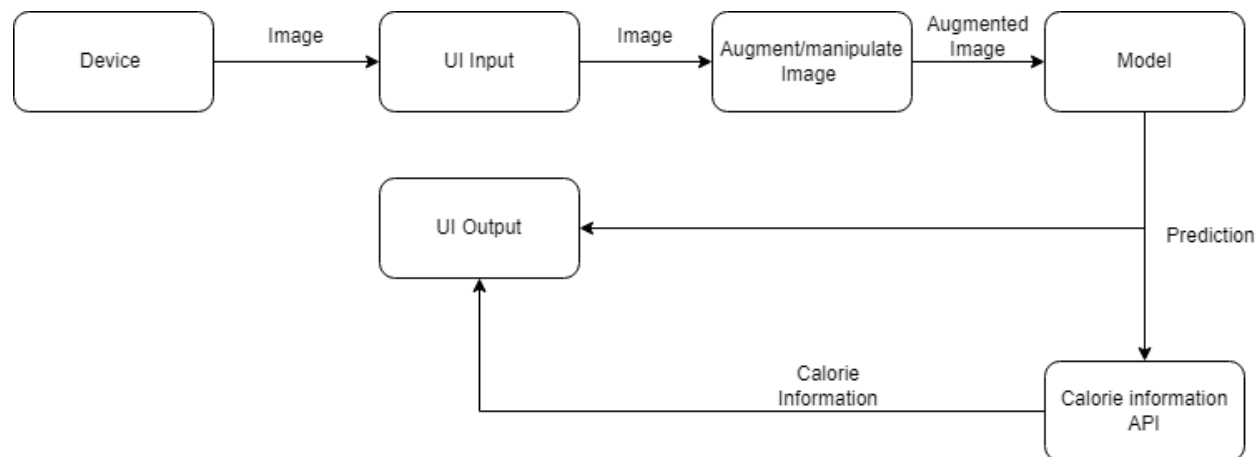
Project Design Phase-II

Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID53113
Project Name	Project 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.



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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can successfully create an account using email.	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 a mobile number.	I can successfully create an account using my mobile number.	Medium	Sprint-1
		USN-4	As a user, I will receive confirmation by sms once I have registered for the application	I can receive confirmation SMS.	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can access my account / dashboard	High	Sprint-1
	Dashboard	USN-6	As a user, I can navigate through the dashboard and be able to enter the input image via camera or the gallery.	I can navigate and enter the input.	Medium	Sprint-1
	Model	USN-7	As a user, I can classify fruits using the real time images.	I can classify fruits based on images using the application.	High	Sprint-2
	API	USN-8	As a user, I can get the nutritional information of the fruit.	I can obtain nutritional information using the application.	High	Sprint-3
Administrator		USN-9	As an administrator, I can get application reviews from the customers.	I can collect user reviews..	Low	Sprint-4
Testing team		USN-10	As the testing team, I can test the user interface features.	All the UI features work properly.	Medium	Sprint-1
		USN-11	As the testing team, I can test the model used for classification.	The model is accurate	High	Sprint-2
		USN-12	As the testing team, I can test the API which contains the nutritional data.	Valid facts are given by the API	Hlgh	Sprint-3

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
		USN-13	As the testing team, I can test the integration of the UI, model and the API.	All the integrated features work together properly.	High	Sprint-4
Maintenance Team	Update the application	USN-14	As a member of the maintenance team, I can update the model and resolve any technical glitches.	The glitches are resolved	Low	Sprint-4