

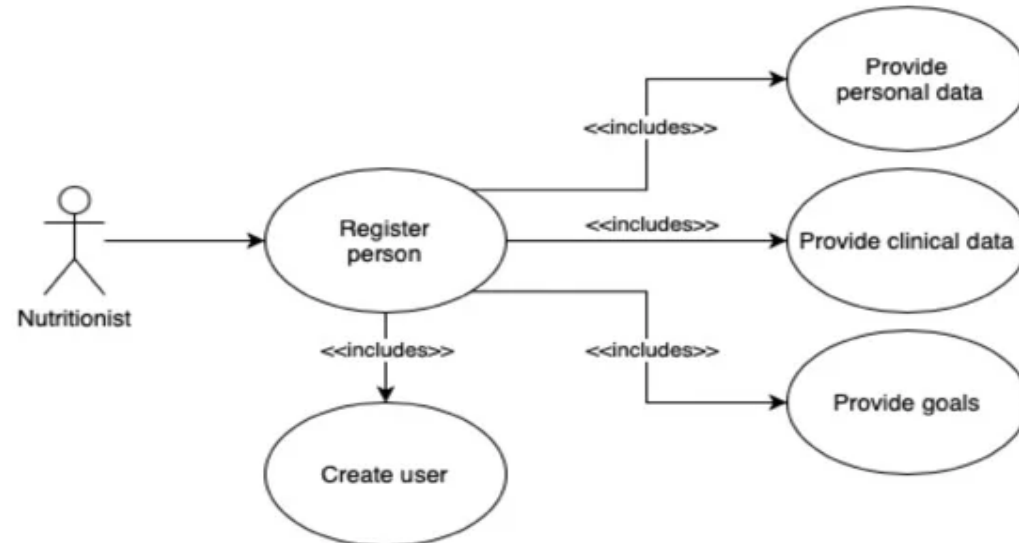
Project Design Phase-II

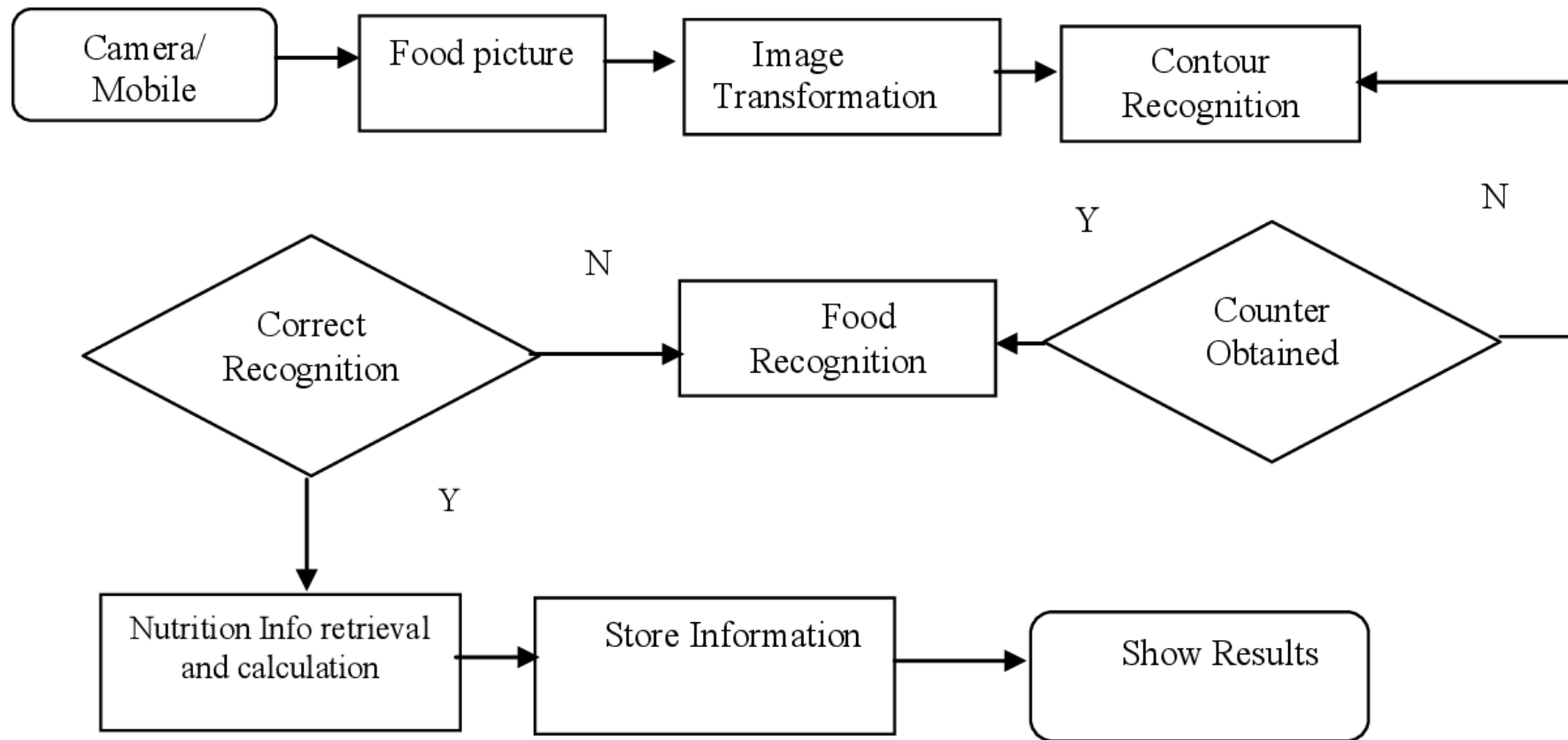
Data Flow Diagram & User Stories

Date	20 October 2022
Team ID	PNT2022TMID03918
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:

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
		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 Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail		Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password		High	Sprint-1
	Dashboard	USN-6	Visit the dashboard for accessing the features of the application	The dashboard is user-friendly	Low	Sprint-1
	Upload Image	USN-7	Uploading the images of the food in the website	As a user, they are able to attend the food images	High	Sprint-3
	Predict	USN-8	The model is able to classify and predict the nutrients present in the food	From the images uploaded, I can access the nutrition facts	High	Sprint-3
		USN-9	We train the model to test various images and ensure that the output accuracy is good	I'm able to train and test the application till the results are as accurate as possible	Medium	Sprint-4
Customer (Web user)	Login	USN-10	As a user, I can use the application by entering my email and password.	I can access my account	Medium	Sprint-4
Customer Care Executive	Dashboard	USN-11	Upload the image	Recognizing and get the output	High	Sprint-1
Administrator	Security	USN-12	updated the features	checking the security	Medium	Sprint-1