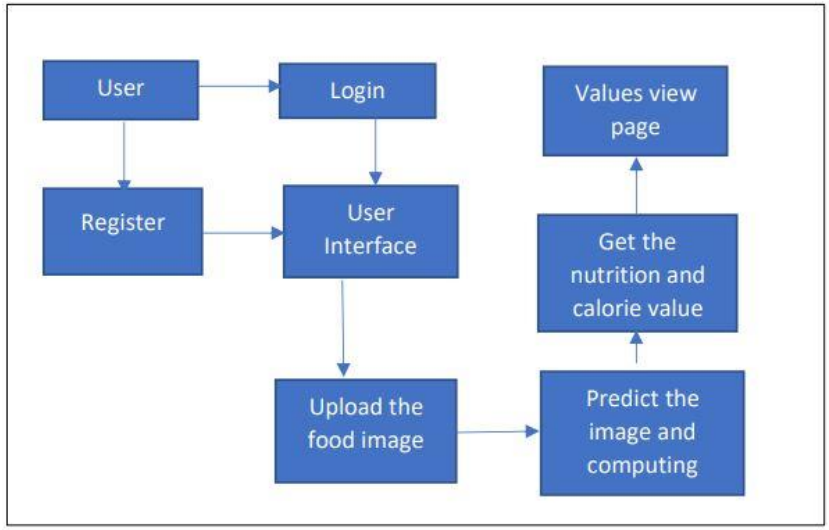
Project Design Phase-II
Data Flow Diagram & User Stories

Date	05 October 2022
Team ID	PNT2022TMID39740
Project Name	Project - **Nutrition Assistant Application**
Maximum Marks	4 Marks

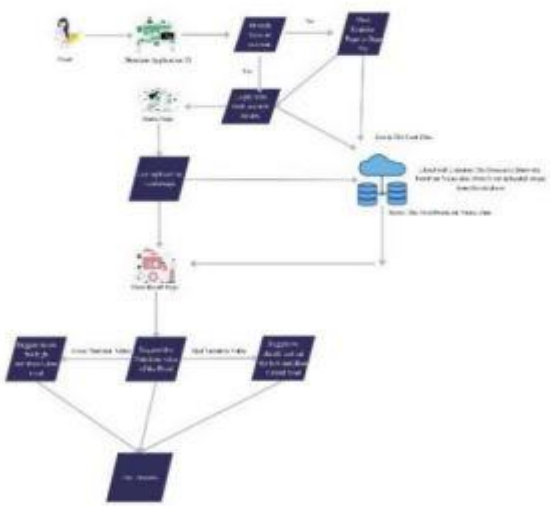
Data Flow Diagrams:

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.

Example: DFD Level 0 (Industry Standard)



Example: (Simplified)



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
		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

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
	Login	USN-5	As a user, I can log into the application by entering email & password		High	Sprint-1
	Dashboard	USN-6	User get into the dashboard and see's the different web pages to compute what the user needs		High	Sprint-1
Customer (Web user)	Registration	USN-7	As a user, I can register the form with username, Email-id and password.	I can register and be able to access the account.	High	Sprint-1
		USN-8	As a user, I can register with my google mail-id and password.	I can register & get access to use the dashboard.	High	Sprint-1
	Login	USN-9	As a user, I can login to the application by entering my mail and password		High	Sprint-1
	Dashboard	USN-10	User gets into the dashboard and see's the different web pages to compute what the user needs.		High	Sprint-1
Customer Care Executive	FAQ	USN-11	As a user you'll ask questions or doubt about the application to the admin side. As per protocols the user will get the response from the admin.		Medium	Sprint-3
Administrator	Register & login page	USN-12				
	Register page	USN12(I)	If the user is new to the application admin here to ask the user to sign up first or to fill the register the form from the user to get the user details.	If everything is acceptable the user will access the Dashboard.	High	Sprint-1
	Login page	USN12(II)	If the user is already registered the admin will get the data and the user will login to the application by entering an email and password where the data is already stored in the database.	User get access to use the Dashboard	High	Sprint-1
	Database process					
	Add food data and user data to the database	USN-13	(1) Admin will store the food nutrition value and calories value of the primary taken foods and fast foods. (2) Admin will customize a code to store the user data to the database from the registration page.		High	Sprint-2

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
	User Interface					
	Upload the food image and get the prediction	USN-14	Here the user will upload the picture from the files to the web page and upload the picture, to get to know about the nutrition value. Here the computation process is to predict the food image and to get the food values from the database.	If the picture is clear, I am able to predict and go to the next stage.	High	Sprint-3
	Get the calories and nutrition value form the food item	USN -15	Admin will compute the process over cloud to get the correct food value for the predicted image that user uploaded		High	Sprint-4