

## Project Design Phase-II

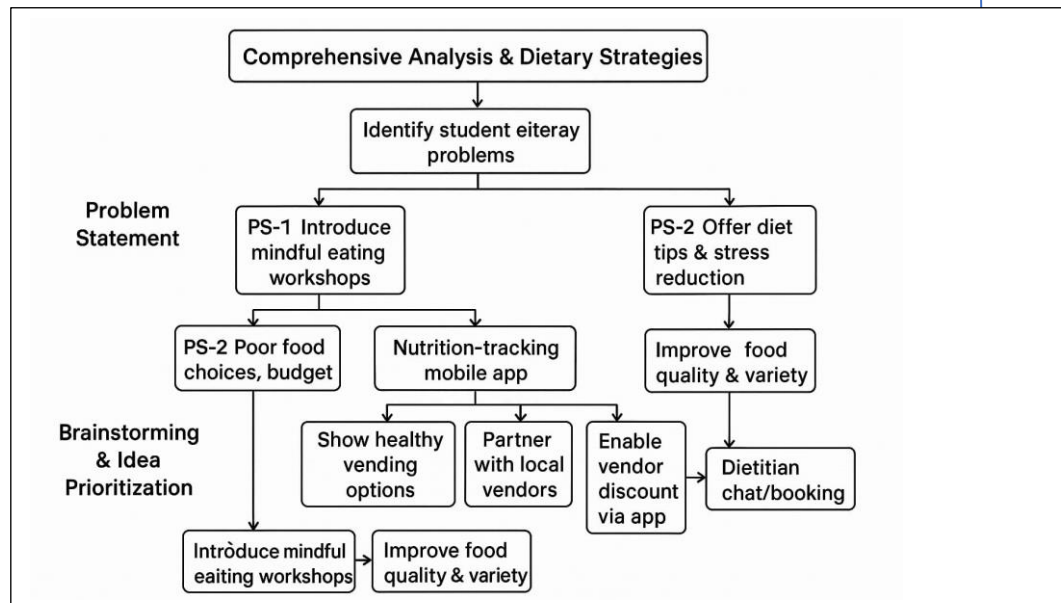
### Data Flow Diagram & User Stories

Date	24 June 2025
Team ID	LTVIP2025TMID49554
Project Name	Comprehensive Analysis & Dietary Strategies
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:



## 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	I can register with Gmail and access dashboard	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can securely access the platform	High	Sprint-1
	Dashboard	USN-6	As a user, I can view my daily calorie intake and nutrition balance	I can see charts based on my food log	High	Sprint-2
Customer (Web user)	Food Logging	USN-7	As a user, I can log my meals by selecting food items from the menu or scanning a QR code	Logged food appears in dashboard summary	High	Sprint-2
Customer Care Executive	Dietary Recommendations	USN-8	As a user, I get personalized nutrition suggestions based on my logs and BMI	I receive daily/weekly food tips	High	Sprint-3
Administrator	Notifications	USN-9	As a user, I receive reminders to log meals and hydrate	I get timely reminders via push notifications	Medium	Sprint-3
	Feedback Submission	USN-10	As a user, I can give feedback on mess food quality	My feedback is submitted and stored in the system	Medium	Sprint-3
	User Management	USN-11	As an admin, I can view, add, or deactivate student accounts	I can manage users from an admin dashboard	High	Sprint-2
	Report Generation	USN-12	As an admin, I can generate reports on nutrition trends, app usage, and user engagement	I can download or view reports in visual and tabular format	Medium	Sprint-3