

## Project Design Phase-II

### Data Flow Diagram & User Stories

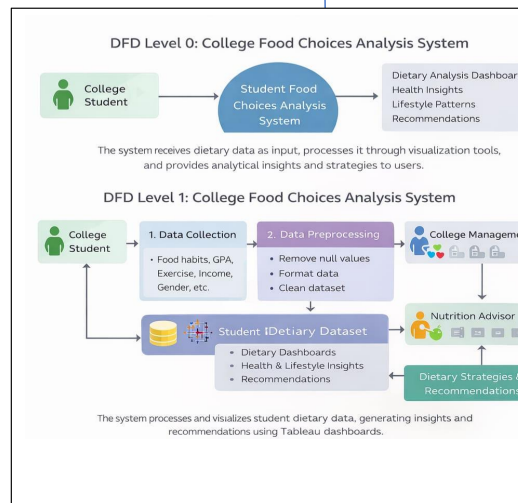
Date	10-02-2026
Team ID	LTVIP2026TMIDS52086
Project Name	Comprehensive Analysis and Dietary Strategies with Tableau: A College Food Choices Case Study
Maximum Marks	4 Marks

#### Data Flow Diagrams:

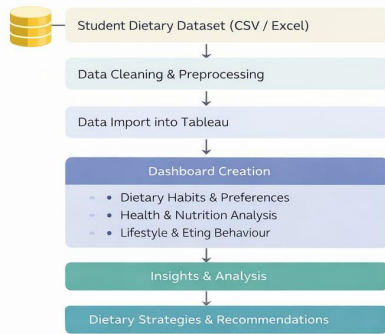
A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

#### Example:

Example: DFD Level 0 (Industry Standard)



System Flow Diagram: College Food Choices Analysis



The system collects student food choice data, processes and visualizes it using Tableau dashboards. Based on analysis, dietary strategies and recommendations are generated.

## 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
College Student	View Dietary Dashboard	USN-1	As a student, I want to view my food consumption analysis through interactive dashboards.	Dashboard displays food categories, calorie intake, and trends correctly.	High	Sprint-1
College Management	Analyze Overall Food Trends	USN-2	As college management, I can analyze overall student eating patterns to identify unhealthy trends.	Summary dashboard shows aggregated food habits and comparisons.	High	Sprint-1
Nutrition Advisor	Recommend Dietary Strategies	USN-3	As a nutrition advisor, I want to identify unhealthy eating patterns and suggest improvements.	Dashboard insights clearly highlight problem areas for recommendations	Medium	Sprint-2
	Login	USN-5	As a user, I can log into the application by entering email & password		High	Sprint-1

