Project Design Phase-II
Data Flow Diagram & User Stories

Date	31 January 2025
Team ID	LTVIP2025TMID52061
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.
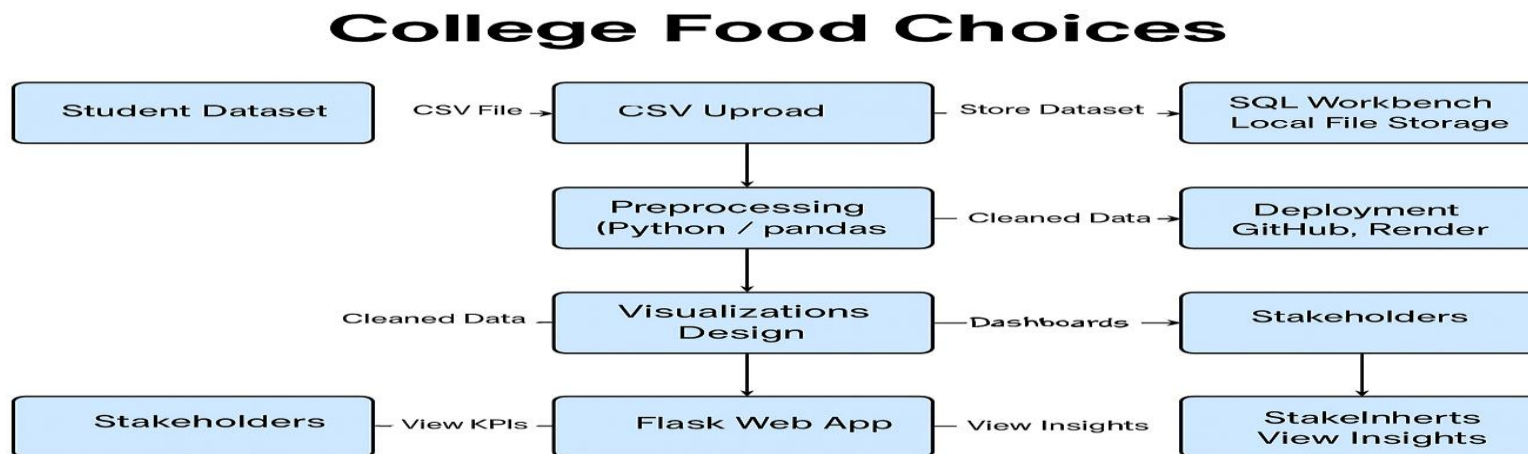
User Stories

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
	Login	USN-5	As a user, I can log into the application by entering email & password		High	Sprint-1
	Dashboard					
Student (Web user)	Registration	USN-6	As a student, I can register using my college email to access my personalized nutrition dashboard.	Registration confirmation received and dashboard access is granted.	High	Sprint-1
	Login	USN-7	As a student, I can log in using my email and password.	Successful login redirects to personal dashboard.	High	Sprint-1
	Dashboard Access	USN-8	As a student, I can view summaries of my dietary habits, GPA, and activity trends.	Dashboard dynamically displays logged data visualizations.	High	Sprint-2

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
	Dietary Feedback	USN-9	As a student, I can receive health feedback based on my food choices and ideal diet patterns.	Personalized tips or alerts appear based on input variables.	Medium	Sprint-3
Nutritionist (Admin)	Student Segmentation	USN-10	As a nutritionist, I want to filter students by fruit/vegetable intake and exercise frequency.	Dashboard filters apply and show segmented summary cards.	High	Sprint-2
	Storytelling Dashboard	USN-11	As an admin, I want to view a persona-based journey (e.g., "Gamer Grazer") to understand behavior patterns.	Story dashboard visualizes variables across time for selected user personas.	Medium	Sprint-4