

## Project Planning Phase

### Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date	28 June 2025
Team ID	LTVIP2025TMID47715
Project Name	Comprehensive Analysis and Dietary Strategies with Tableau
Maximum Marks	5 Marks

#### Product Backlog, Sprint Schedule, and Estimation (4 Marks)

This table outlines user stories, tasks, and sprint-wise assignments for building the Tableau-based dietary insights dashboard.

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Data Collection & Integration	USN-1	As a developer, I can load and integrate student food intake and survey data into Tableau	3	High	Chappidi Venkata Lakshmi Devi Priya
Sprint-1	Data Cleaning & Categorization	USN-2	As a developer, I can clean, filter, and group food records based on nutrition categories	2	High	Arava Ramya Sri
Sprint-2	Exploratory Analysis	USN-3	As a user, I can view trends in dietary habits using bar and line charts	3	Medium	Divili Lakshmanrao
Sprint-2	Comparative Insights	USN-4	As a user, I can compare food consumption by gender, year, and time of day	3	High	Chappidi Venkata Lakshmi Devi Priya
Sprint-3	Health Dashboard	USN-5	As a user, I can view a dashboard highlighting healthy vs. unhealthy eating patterns	2	High	Arava Ramya Sri
Sprint-3	Filtering & Personalization	USN-6	As a user, I can apply filters for department, gender, or meal preferences	2	Medium	Divili Lakshmanrao
Sprint-4	Summary Story & Insights	USN-7	As a user, I can view a story dashboard that summarizes dietary insights	3	High	Chappidi Venkata Lakshmi Devi Priya
Sprint-4	Testing & Final Report	USN-8	As a team, we can test all visuals and compile final documentation	2	Medium	Arava Ramya Sri

**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	4 Days	13 June 2025	16 June 2025	20	16 June 2025
Sprint-2	20	4 Days	17 June 2025	20 June 2025	20	20 June 2025
Sprint-3	20	4 Days	21 June 2025	24 June 2025	20	24 June 2025
Sprint-4	20	4 Days	25 June 2025	28 June 2025	20	28 June 2025

**Velocity:**

$$AV = \frac{20 \text{ story points}}{4 \text{ days}} = 5.0 \text{ story points per day}$$

## Burndown Chat:

### Burndown Chart: College Food Choices Visualization Project

