

## Project Planning Phase

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

Date	26 June 2025
Team ID	LTVIP2025TMID49554
Project Name	Comprehensive Analysis & Dietary Strategies
Maximum Marks	5 Marks

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Data Collection	USN-1	As a user, I can submit my dietary data via a Google Form for analysis.	2	High	
Sprint-1	Data Cleaning	USN-2	As a data analyst, I can clean and organize the raw food intake data.	2	High	
Sprint-2	Visualization	USN-3	As a user, I can view a donut chart showing meal type distribution.	1	Medium	
Sprint-2	Visualization	USN-4	As a user, I can view a word cloud of the most consumed food items.	1	Medium	
Sprint-3	Personalization	USN-5	As a user, I can filter insights by gender, hostel, and age group.	3	High	
Sprint-3	Insight Generation	USN-6	As a user, I can view suggestions based on my dietary data.	3	High	
Sprint-4	Dashboard Integration	USN-7	As a user, I can access a unified dashboard displaying all dietary charts and insights.	3	High	
Sprint-4	Export & Sharing	USN-8	As a user, I can export my dietary insights as a PDF or image for reporting or sharing.	2	Medium	

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

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
Sprint-1	20	4 Days	15 June 2025	18 June 2025	20	18 June 2025
Sprint-2	20	4 Days	19 June 2025	22 June 2025	18	22 June 2025
Sprint-3	20	4 Days	23 June 2025	23 June 2025	19	23 June 2025
Sprint-4	20	4 Days	27 June 2025	30 June 2025	20	30 June 2025

**VELOCITY:**

$$\begin{aligned}\text{Velocity (AV)} &= \text{Total story Points} / \text{Sprint Duration} \\ &= 20/6 \\ &= 3.33 \text{ Story points/day}\end{aligned}$$