

# Project Planning Phase

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

Team Id	LTVIP2025TMID47579
Project Name	Dietary Analysis
Date	25/06/2025

## Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement	User Story Number	User story / Task	Story point	Priority	Team Member
Sprint-1	Registratation	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	high	
Sprint-1	Login	USN-2	As a user, I can log into the application by entering email & password	1	high	
Sprint-2	Dashboard	USN-3	As a user, I can visualize easily	2	High	
Sprint-1	Public	USN-4				
Sprint-1		USN-5				

**Project Tracker, Velocity & Burndown Chart:**

Sprint	Total Story Point	Duration	Sprint Start Date	Sprint End Date	Story Point Completed	Sprint Realease Date
Sprint-1	20	5 Days	20 June 2025	25 June 2025	20	25 June 2025
Sprint-2	20	5 Days	20 June 2025	25 June 2025	15	25 June 2025
Sprint-3	20	5 Days	20 June 2025	25 June 2025	15	25 June 2025
Sprint-4	20	5 Days	20 June 2025	25 June 2025	20	25 June 2025

**Velocity:**

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let’s calculate the team’s average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

**Burndown Chart:**

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.