

## Project Planning Phase

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

Date	27 JUNE 2025
Team ID	LTVIP2025TMID32411
Project Name	Revolutionizing Liver Care
Maximum Marks	5 Marks

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

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	4
Sprint-1	Sign up	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	4
Sprint-2	Login in	USN-3	As a user, I can register for the application through Facebook	2	Low	4
Sprint-1	Dashboard	USN-4	As a user, I can register for the application through Gmail	2	Medium	4
Sprint-1	Process	USN-5	As a user, I can log into the application by entering email & password	1	High	

#### 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	7 Days	28 MAY 2025	30 JUNE 2025	20	20 JUNE 2025
Sprint-2	20	7 Days	28 MAY 2025	30 JUNE 2025	20	20 JUNE 2025
Sprint-3	20	7 Days	28 MAY 2025	30 JUNE 2025	20	20 JUNE 2025
Sprint-4	20	7 Days	28 MAY 2025	30 JUNE 2025	20	20 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)

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