

Project Planning Phase

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

Date	13/02/2026
Team ID	LTVIP2026TMIDS87052
Project Name	House hunt: Finding your perfect rental home
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	Register using email, password, confirm password	2	High	Janani
Sprint-1	Registration Email	USN-2	Receive confirmation email after registration	1	High	Gayathri
Sprint-1	Facebook Login	USN-3	Register via Facebook	2	Low	Reshma
Sprint-1	Gmail Login	USN-4	Register via Gmail	2	Medium	Srija
Sprint-1	Login	USN-5	Login with email and password	1	High	Janani
Sprint-2	Property Management	USN-6	Owner can add new properties	3	High	Gayathri

Sprint-2	Property Management	USN-7	Owner can update/delete properties	3	Medium	Reshma
Sprint-2	Booking	USN-8	Renter can view details and book properties	4	High	Srija
Sprint-3	Admin Approval	USN-9	Admin can approve/reject owner and booking requests	3	High	Janani
Sprint-3	Booking Status	USN-10	Renter can view booking status (Pending / Approved / Rejected)	2	Medium	Gayathri

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

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed	Sprint Release Date (Actual)
Sprint-1	8	5 Days	22 June 2025	26 June 2025	8	26 June 2025
Sprint-2	10	5 Days	20 June 2025	24 June 2025	8	25 June 2025
Sprint-3	10	5 Days	23 June 2025	27 June 2025	8	27 June 2025
Sprint-4	8	5 Days	21 June 2025	25 June 2025	8	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)

Total Story Points Completed = $8 + 8 + 8 + 8 = 32$ points

Total Duration = $5 + 5 + 5 + 5 = 20$ days

Velocity= 32 story points 20 days = 1.6 story points per day

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.

Example Sprint-1:

