Project Planning Phase

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

Date	24 February 2026
Team ID	LTVIP2026TMIDS42582
Project Name	Home-Rentals
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	Venkatesh
Sprint-1	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Siddharth
Sprint-2	Registration	USN-3	As a user, I can register for the application through Facebook	2	Low	Eswar
Sprint-1	Registration	USN-4	As a user, I can register for the application through Gmail	2	Medium	Venkatesh
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Venkatesh
Sprint-2	Dashboard	USN-6	As a user, I can view my dashboard with recent bookings and profile info	3	High	Eswar
Sprint-2	Dashboard	USN-7	As a user, I can edit my profile from the dashboard	2	Medium	Siddartha
Sprint-3	Property Listing	USN-8	As a host, I can create a new property listing	3	High	Venkatesh

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	6	6 Days	01 Mar 2026	06 Mar 2026	6	06 Mar 2026
Sprint-2	9	6 Days	08 Mar 2026	13 Mar 2026	9	13 Mar 2026
Sprint-3	5	6 Days	15 Mar 2026	20 Mar 2026	5	20 Mar 2026
Sprint-4	8	6 Days	22 Mar 2026	27 Mar 2026	8	27 Mar 2026

Velocity Calculation

- Total Story Points Completed: 6 + 9 + 5 + 8 = 28
- Number of Sprints: 4
- Average Velocity (per sprint): 28 / 4 = 7 story points per sprint
- If sprint duration is 10 days:
  Average Velocity per day = 7 / 10 = 0.7 story points per day

Burndown Chart Overview:

A burndown chart visually tracks the amount of work remaining (usually measured in story points or tasks) against time (days or sprints). It helps teams monitor progress, forecast completion, and quickly identify if they are ahead or behind schedule.

How it works:

- The vertical axis (Y-axis) shows the total work remaining (e.g., story points).
- The horizontal axis (X-axis) shows time (e.g., days or sprints).
- The chart starts with the total work at the beginning of the sprint/project.
- Each day or sprint, completed work is subtracted, and the line “burns down” toward zero.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/

https://www.atlassian.com/agile/tutorials/burndown-charts

Reference:

https://www.atlassian.com/agile/project-management

https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software

https://www.atlassian.com/agile/tutorials/epics

https://www.atlassian.com/agile/tutorials/sprints

https://www.atlassian.com/agile/project-management/estimation

https://www.atlassian.com/agile/tutorials/burndown-charts