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

Date	30 June 2025
Team ID	LTVIP2025TMID55781
Project Name	HouseHunt: 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	As a user, I can register with email and password. .	2	High	Athuluru Shreya Sree
Sprint-1		USN-2	As a user, I will receive a confirmation email upon successful registration.	1	High	B Bhuvaneswari
Sprint-1		USN-3	As a user, I can register using Gmail OAuth.	2	Low	Atthuluru Charan
Sprint-2		USN-4	As a user, I can register using Facebook OAuth.	2	Medium	Arepalli Vishnu Vardhan
Sprint-1	Login	USN-5	As a user, I can login using registered credentials.	1	High	Athuluru Shreya Sree
Sprint-2	Property Management	USN-6	As an owner, I can add a new property with image URL, title, and price.	3	High	Atthuluru Charan
Sprint-2		USN-7	As a renter, I can view all available properties	2	High	Arepalli Vishnu Vardhan

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Booking	USN-8	As a renter, I can book a property and send a request to the owner.	3	High	B Bhuvaneswari
Sprint-3	Dashboard	USN-9	As an owner, I can view bookings and update their status (approve/reject).	4	High	Athuluru Shreya Sree
Sprint-3		USN-10	As a renter, I can view my bookings.	2	Medium	Atthuluru Charan
Sprint-3	Admin Features	USN-11	As an admin, I can view registered users and properties (read-only view)	3	Low	B Bhuvaneswari
Sprint-4	UI Responsiveness + Error Mgmt.	USN-12	As a user, I can see proper validation/error messages and responsive layout across all devices.	4	High	Athuluru Shreya Sree

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	6 Days	17 June 2024	22 June 2025	20	22 June 2025
Sprint-2	20	6 Days	23 June 2022	29 June 2025	20	29 June 2025
Sprint-3	20	6 Days	30 June 2022	6 July 2025	20	6 July 2025
Sprint-4	20	6 Days	7 July 2025	14 July 2025	20	14 July 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.

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