Project Planning Phase

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

Date	27 June 2025
Team ID	LTVIP2025TMID20380
Project Name	HouseHunt: Finding Your perfect rental home
Maximum Marks	5 Marks

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

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, password, and type	2	High	Bhuvana Team B
Sprint-1		USN-2	As a user, I receive a confirmation email after registration.	1	High	Bhuvana
Sprint-2		USN-3	As a user, I can register using Facebook.	2	Low	Team C
Sprint-1		USN-4	As a user, I can register using Gmail.	2	Medium	Bhuvana
Sprint-1	Login	USN-5	As a user, I can log in with my email and password.	1	High	Team D
Sprint-2	Dashboard	USN-6	As a user, I can view my listed properties and filter them and then book them	3	High	Team C
Sprint-2	Admin approval	USN-7	As a admin I can approve or reject owner registration	3	High	Team D

Sprint-3	Add/Edit/Delete property	USN-8	As a user I can add, edit or delete my listed properties	4	High	Team B
Sprint-3	Image upload and Testing	USN-9	As a user, I upload property imsges and team can test whole app	2	Medium	Bhuvana TeamB Team D Team C

Project Tracker, Velocity & Burndown Chart (4 Marks)

Project Tracker Table

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed	Sprint Release Date (Actual)
Sprint-1	20	6 Days	12 Jun 2025	18 Jun 2025	20	18 Jun 2025
Sprint-2	20	6 Days	19 Jun 2025	25 Jun 2025	18 (Estimated)	25 Jun 2025
Sprint-3	20	6 Days	26 Jun 2025	31 Jun 2025	TBD	TBD

Velocity Calculation

Formula:

Velocity = Total Story Points Completed / Number of Sprints

- Sprint-1: 20
- Sprint-2: 18
- Sprint-3: 16
- Total Story Points = **54**
- Number of Sprints = **3**

Team Velocity = 54 / 3 = 18 Story Points per Sprint

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

Team Velocity & Average Calculation

Story Points Completed Per Sprint

Sprint	**Story Points Completed**
Sprint-1	20
Sprint-2	18
Sprint-3	16
Total	54

Average Story Points per Day

Assuming each sprint = **6 working days**, then:

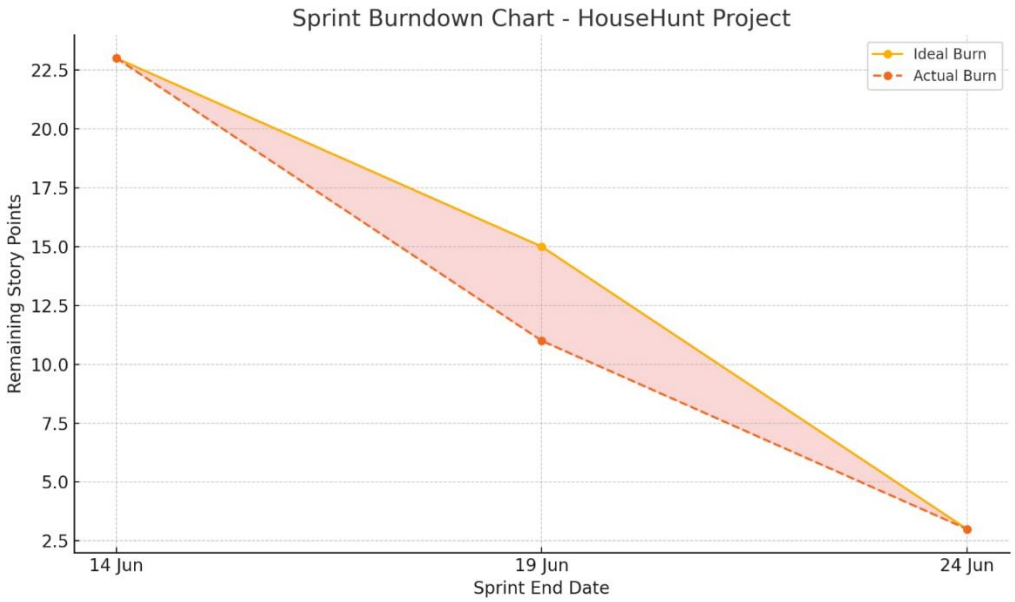
Average = Velocity / Sprint Duration

Average = 18 story points / 6 days = **3 story points per day**

BURNDOWN CHART EXPLANATION

A **Burndown Chart** tracks the total remaining work (story points) against time (days). It helps monitor sprint progress and whether the team is on track to finish tasks within the sprint timeline.

- X-axis: Time (Sprint Days)
- Y-axis: Remaining Story Points
- Ideal line: Declines linearly from total points to zero
- Actual line: Shows real progress based on completed story points daily



References

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