**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 27/06/2025 |
| Team ID | LTVIP2025TMID55800 |
| 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**

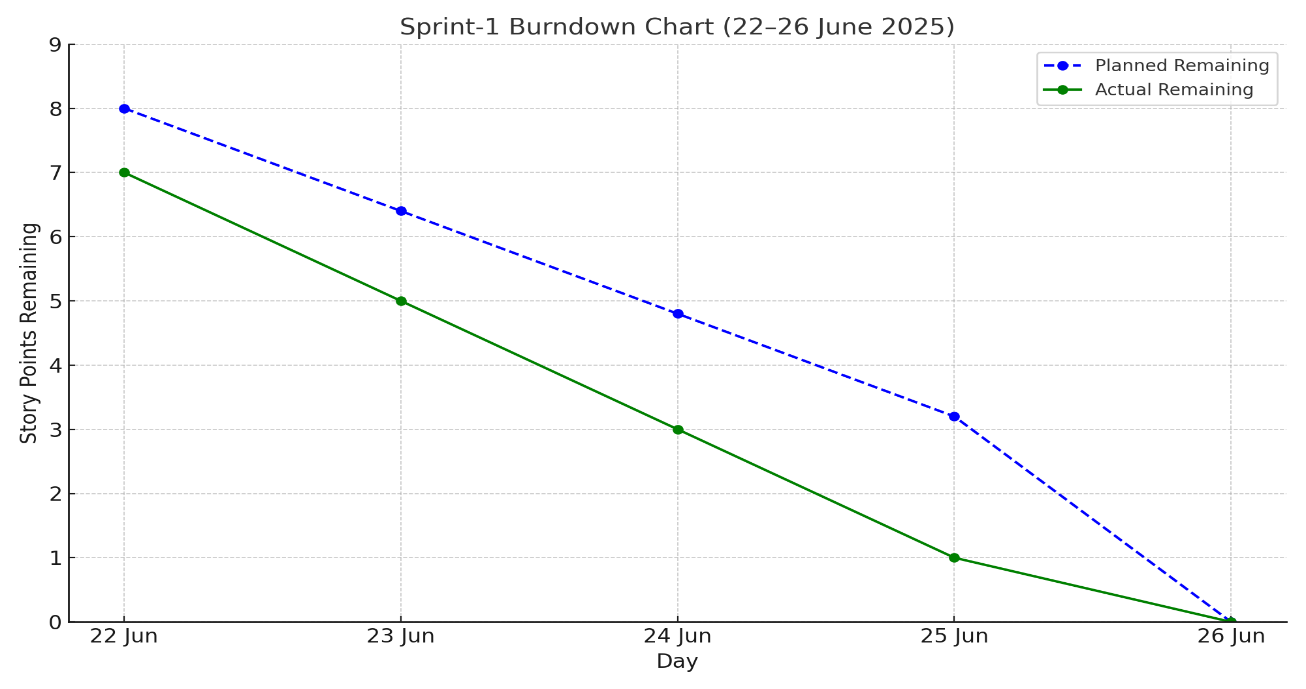
Velocity= 32 story points 20 days = 1.6 story points per day

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:**

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