**Sprint** – A fixed time-boxed period (typically 5 days) during which specific work has to be completed and made ready for review.  
**Epic** – A large feature or function that is too broad to be delivered in a single sprint. It is broken into smaller units called User Stories.  
**User Story** – A concise requirement or task written from the end-user perspective.  
**Story Points** – Numeric values assigned to stories based on complexity, risk, and effort. Usually based on the **Fibonacci series** (1, 2, 3, 5, 8, 13, ...).

**Sprint-wise Planning Breakdown**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Epic** | **User Story No.** | **Description** | **Story Points** | **Priority** | **Team Member** |
| Sprint-1 | Registration | USN-1 | Register using email and password | 2 | High | Janani |
|  |  | USN-2 | Confirmation email after registration | 1 | High | Gayathri |
|  | Social Auth | USN-3 | Register via Facebook | 2 | Low | Reshma |
|  | Social Auth | USN-4 | Register via Gmail | 2 | Medium | Srija |
|  | Login | USN-5 | Login functionality | 1 | High | Janani |
| Sprint-2 | Property Management | USN-6 | Owner adds new property listings | 3 | High | Gayathri |
|  |  | USN-7 | Owner can update/delete properties | 3 | Medium | Reshma |
|  | Booking | USN-8 | Renter can book properties | 4 | High | Srija |
| Sprint-3 | Admin Approval | USN-9 | Admin approves owner/booking requests | 3 | High | Janani |
|  | Booking Status | USN-10 | Renter views booking status | 2 | Medium | Gayathri |

**Story Points Summary & Velocity**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Total Story Points** | **Duration** | **Planned Start** | **Planned End** | **Completed Points** | **Actual End** |
| Sprint-1 | 8 SP | 5 Days | 22 Jun 2025 | 26 Jun 2025 | 8 | 26 June  2025 |
| Sprint-2 | 10 SP | 5 Days | 20 Jun 2025 | 24 Jun 2025 | 8 | 25 June 2025 |
| Sprint-3 | 10 SP | 5 Days | 23 Jun 2025 | 27 Jun 2025 | 8 | 27 June  2025 |
| Sprint-4 | 8 SP | 5 Days | 21 Jun 2025 | 25 Jun 2025 | 8 | 25 June  2025 |

**Total Story Points Completed**: 32  
**Total Duration**: 20 Days  
**Team Velocity**:

Velocity=32 Story Points20 Days=1.6 Story Points/Day

**📉 Burndown Chart Logic**

A **burndown chart** visualizes remaining work in the sprint backlog versus time. It helps track if the team is on pace to complete their sprint goals.  
**For Sprint-1**, the burndown would show:

| **Day** | **Planned Remaining Points** | **Actual Remaining Points** |
| --- | --- | --- |
| Day 1 | 8 | 8 |
| Day 2 | 6 | 7 |
| Day 3 | 4 | 5 |
| Day 4 | 2 | 3 |
| Day 5 | 0 | 0 |

(Plot a line chart with “Day” on the X-axis and “Story Points” on the Y-axis)

**Effort Estimation Categories (Story Point Reference)**

| **Complexity Level** | **Story Point Estimate** |
| --- | --- |
| Very Easy Task | 1 SP |
| Easy Task | 2 SP |
| Moderate Task | 3-5 SP |
| Difficult Task | 8+ SP |