

Project Planning Phase

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

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| Date | 16 Jan 2026 |
| Team ID | LTVIP2026TMIDS24608 |
| Project Name | HouseHunt : Smart Search for Smarter Living |
| 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 using email, password, and confirmation password. | 2 | High | Nithish |
| Sprint-1 | | USN-2 | As a user, I will receive a confirmation email after registering. | 1 | High | Nithish |
| Sprint-1 | | USN-3 | As a user, I can register using Gmail authentication. | 2 | Medium | Nithish |
| Sprint-1 | Login | USN-4 | As a user, I can log in using email and password. | 1 | High | Nithish |
| Sprint-2 | Dashboard | USN-5 | As a user, I can view a personalized dashboard with listed properties. | 3 | High | Nithish |
| Sprint-2 | Property Browsing/Search | USN-6 | As a user, I can browse properties and filter by location, price, and type. | 3 | High | Nithish |
| Sprint-2 | Wishlist | USN-7 | As a user, I can add or remove properties from my wishlist using a heart icon. | 2 | Medium | Nithish |
| Sprint-3 | Profile Management | USN-8 | As a user, I can edit my profile details (name, email, password). | 2 | Medium | Nithish |
| Sprint-3 | Contact Landlord | USN-9 | As a tenant, I can send a message to landlords from a property detail page. | 3 | High | Nithish |
| Sprint-3 | Location View | USN-10 | As a user, I can view my current location and property location using Google Maps. | 3 | Medium | Nithish |
| Sprint-4 | Property Management (Landlord) | USN-11 | As a landlord, I can add/update/delete my property listings. | 4 | High | Nithish |
| Sprint-4 | Admin Role Access | USN-12 | As an admin, I can manage listed users and properties. | 3 | Medium | Nithish |
| Sprint-4 | Image Upload | USN-13 | As a landlord, I can upload property images while adding a listing. | 2 | Medium | Nithish |

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 | 6 | 6 Days | 01 Feb 2025 | 06 Feb 2025 | 6 | 06 Feb 2025 |
| Sprint-2 | 8 | 6 Days | 07 Feb 2025 | 12 Feb 2025 | 8 | 12 Feb 2025 |
| Sprint-3 | 8 | 6 Days | 13 Feb 2025 | 18 Feb 2025 | 8 | 18 Feb 2025 |
| Sprint-4 | 9 | 6 Days | 19 Feb 2025 | 24 Feb 2025 | 9 | 24 Feb 2025 |

Velocity Calculation

Velocity = Total Story Points Completed / Number of Sprints
= $(6 + 8 + 8 + 9) / 4 = 31 / 4 = 7.75$ story points per sprint

Burndown Chart

A burndown chart will show:

- **Y-axis:** Remaining story points (starting from 31 down to 0)
- **X-axis:** Sprint days (Sprint 1 to Sprint 4)
- Ideal progress line vs. actual progress (perfect match since all tasks are completed as planned)

HouseHunt Project – Sprint Burndown Chart

