

Project Planning Phase

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

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|---------------|----------------------------------|
| Date | 30 OCTOBER 2025 |
| Team ID | 2F2CA610622DBCB9AF44E9641A0CB552 |
| Project Name | LEASE MANAGEMENT |
| 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 | User Registration | USN-1 | As an admin, I can register new tenants and property owners in the lease management system. | 2 | High | M. Ajay |
| Sprint-1 | Property Listing | USN-2 | As an owner, I can add property details (location, rent, availability) to the system. | 2 | High | M. Ajay |
| Sprint-2 | Lease Agreement Management | USN-3 | As a system admin, I can generate and store digital lease agreements for each tenant. | 4 | High | S.Ajay |
| Sprint-2 | Testing | USN-4 | As a tenant, I can raise maintenance requests and track their completion status. | 3 | High | S.Ajay |
| Sprint-2 | Payment Tracking | USN-5 | As an admin, I can view reports for rent collection, pending payments, and tenant costs. | 2 | Medium | S. Shafeek Murath |
| Sprint-3 | Security and Login | USN-6 | As a user, I can log in securely and reset my password if forgotten. | 3 | Medium | S. Shafeek Murath |

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 | 01 Sep 2025 | 06 Sep 2025 | 20 | 06 Sep2025 |
| Sprint-2 | 20 | 6 Days | 08 Sep 2025 | 13 Sep 2025 | 20 | 13 Sep2025 |
| Sprint-3 | 20 | 6 Days | 15 Sep 2025 | 20 Sep 2025 | 19 | 20 Sep2025 |
| Sprint-4 | 20 | 6 Days | 22 Sep2025 | 27 Sep 2025 | 20 | 27 Sep 2025 |

Velocity

Average velocity = (Total Story Points Completed) / (Total Duration in Days)

Total: 16 points over 24 days → **Velocity = 3.29 points/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.

Reference:

- <https://www.visual-paradigm.com/scrum/scrum-burndown-chart/>
- <https://www.atlassian.com/agile/tutorials/burndown-charts>
- <https://www.atlassian.com/agile/project-management>
- <https://www.atlassian.com/agile/tutorials/sprints>
- <https://www.atlassian.com/agile/project-management/estimation>