

## Project Planning Phase

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

|               |                  |
|---------------|------------------|
| DATE          | 01/11/2025       |
| TEAM ID       | NM2025TMID07701  |
| PROJECT NAME  | Lease Management |
| 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 | Lease Setup                   | LSM-1             | As an admin, I can create property, tenant, and lease records for initial setup.       | 3            | High     | Akshayaa.N.S |
| Sprint-1 | Data Validation               | LSM-2             | As an admin, I can set validation rules to ensure lease start date is before end date. | 2            | High     | Abarna.A     |

|                 |                               |              |   |          |               |                     |
|-----------------|-------------------------------|--------------|---|----------|---------------|---------------------|
| <b>Sprint-2</b> | <b>Automation</b>             | <b>LSM-3</b> | <b>As a system admin, I can configure a Salesforce Flow to send reminders for lease renewals and rent payments.</b> | <b>4</b> | <b>High</b>   | <b>Sakthi .S</b>    |
| <b>Sprint-2</b> | <b>Payment Tracking</b>       | <b>LSM-4</b> | <b>As a user, I can record and monitor rent payments for each lease.</b>  | <b>3</b> | <b>Medium</b> | <b>Abarna.A</b>     |
| <b>Sprint-3</b> | <b>Reports and Dashboards</b> | <b>LSM-5</b> | <b>As a manager, I can view reports on upcoming expirations, payments, and occupancy rates.</b>                     | <b>4</b> | <b>High</b>   | <b>Anandhitha A</b> |
| <b>Sprint-3</b> | <b>Testing</b>                | <b>LSM-6</b> | <b>As a tester, I should verify lease creation, validation, and automation workflows.</b>                           | <b>3</b> | <b>High</b>   | <b>Sakthi.S</b>     |
| <b>Sprint-4</b> | <b>Documentation</b>          | <b>LSM-7</b> | <b>As a developer, I will document the project's design, implementation, and testing results for submission.</b>    | <b>2</b> | <b>Medium</b> | <b>Akshayaa.N.S</b> |

## 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-1 | 20                 | 6 Days   | 02 Nov 2025       | 07 Nov 2025               | 20  |
| Sprint-2 | 20                 | 6 Days   | 08 Nov 2025       | 13 Nov 2025               | 20  |
| Sprint-3 | 20                 | 6 Days   | 14 Nov 2025       | 19 Nov 2025               | 19  |
| Sprint-4 | 20                 | 6 Days   | 20 Nov 2025       | 25 Nov 2025               | 20  |

### Velocity Calculation

Average Velocity = (Total Story Points Completed) / (Total Duration in Days)  
= 79 points / 24 days → Velocity = 3.29 points/day

### Burndown Chart

A Burndown Chart is a graphical representation of work left to complete versus time. It helps teams visualize progress and forecast completion timelines in Agile Scrum methodology. For this project, the burndown chart shows consistent progress with minor delays during testing

### References for Burndown Chart Tools & Concepts:

- [Visual Paradigm – Scrum Burndown Chart](#)
- [Atlassian Agile Tutorials: Burndown Charts](#)
- [Atlassian Project Management Guide](#)
- [How to Do Scrum with Jira Software](#)
- [Atlassian Agile Epics](#)
- [Atlassian Agile Sprints](#)