# Project Planning Report: Lease Management Project

**Date:** 15 February 2025  
**Team ID:** LTVIP2025TMID30244  
**Project Name:** Lease Management System  
**Maximum Marks:** 5 Marks

**Product Backlog, Sprint Schedule, and Estimation (4 Marks)**

**Sprint Plan**

| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | Lease Registration | USN-1 | As a user, I can register a new lease by entering property details, tenant information, and lease duration. | 3 | High | [Team Members] |
| Sprint-1 | Lease Registration | USN-2 | As a user, I will receive a confirmation email once the lease is successfully registered. | 1 | High | [Team Members] |
| Sprint-2 | Lease Payment | USN-3 | As a user, I can make lease payments through online banking. | 2 | Medium | [Team Members] |
| Sprint-2 | Lease Payment | USN-4 | As a user, I can view my payment history for all leases. | 2 | High | [Team Members] |
| Sprint-3 | Lease Renewal | USN-5 | As a user, I can renew an existing lease before expiration. | 3 | High | [Team Members] |
| Sprint-3 | Lease Renewal | USN-6 | As a user, I will receive a notification when my lease is about to expire. | 2 | Medium | [Team Members] |
| Sprint-4 | Lease Termination | USN-7 | As a user, I can terminate a lease and receive a final settlement statement. | 3 | High | [Team Members] |
| Sprint-4 | Lease Termination | USN-8 | As a user, I can generate lease termination reports for record-keeping. | 2 | Medium | [Team Members] |

**Project Tracker, Velocity & Burndown Chart (4 Marks)**

**Sprint Schedule**

| **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 | 24 Feb 2025 | 29 Feb 2025 | 20 | 29 Feb 2025 |
| Sprint-2 | 20 | 6 Days | 02 Mar 2025 | 07 Mar 2025 | TBD | TBD |
| Sprint-3 | 20 | 6 Days | 09 Mar 2025 | 14 Mar 2025 | TBD | TBD |
| Sprint-4 | 20 | 6 Days | 16 Mar 2025 | 21 Mar 2025 | TBD | TBD |

**Velocity Calculation**

If the sprint duration is **10 days**, and the velocity of the team is **20 story points per sprint**, the team's average velocity (AV) per iteration unit (story points per day) is:

AV = \frac{Velocity}{Sprint Duration} = \frac{20}{10} = 2 \text{ story points per day}

**Burndown Chart**

A burndown chart will be used to track the remaining work versus time. This will help visualize progress and ensure timely completion of the project.

For more details on burndown charts, refer to:

* [Scrum Burndown Chart](https://www.visual-paradigm.com/scrum/scrum-burndown-chart/)
* [Atlassian Burndown Chart Guide](https://www.atlassian.com/agile/tutorials/burndown-charts)

**References**

For agile project management best practices, refer to:

* [Atlassian Agile Project Management](https://www.atlassian.com/agile/project-management)
* [How to Do Scrum with Jira Software](https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software)
* [Epics in Agile](https://www.atlassian.com/agile/tutorials/epics)
* [Sprint Planning](https://www.atlassian.com/agile/tutorials/sprints)
* [Agile Estimation](https://www.atlassian.com/agile/project-management/estimation)

This report provides a structured plan for the **Lease Management Project**, ensuring smooth execution through agile methodologies.