

## Project Planning Phase

NM Id : 7264E40C79CF15DA21F41ABA4F4825CD

Date: 01.11.2025

Project Name: Lease Management System

### Product Backlog, Sprint Schedule, and Estimation

| Sprint   | Functional Requirement (Epic) | User Story Number | User Story / Task   | Story Points | Priority | Team Members  |
|----------|-------------------------------|-------------------|---|--------------|----------|---------------|
| Sprint-1 | Lease Data Entry              | USN-1             | As an admin, I can add new lease details for properties or equipment. | 3            | High     | [Your Name]   |
| Sprint-1 | Tenant Management             | USN-2             | As an admin, I can add and manage tenant details.                     | 3            | High     | [Team Member] |
| Sprint-2 | Payment Tracking              | USN-3             | As a user, I can record and view rent payment history.                | 4            | High     | [Team Member] |
| Sprint-2 | Reminder Notifications        | USN-4             | As a system, I can send payment due reminders automatically.          | 3            | Medium   | [Team Member] |
| Sprint-3 | Reporting                     | USN-5             | As an admin, I can generate   | 3            | Medium   | [Team Member] |

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|----------|-------------------------------|-------------------|---|--------------|----------|---------------|
|          |                               |                   | lease and payment reports.  |              |          |               |
| Sprint-3 | Documentation                 | USN-6             | As a developer, I can document system design and sprint outcomes. | 2            | Medium   | [Team Member] |

### Project Tracker, Velocity & Burndown Chart

| Sprint   | Total Story Points | Duration | Sprint Start Date | Sprint End Date (Planned) | Story Points Completed | Sprint Release Date (Actual) |
|----------|--------------------|----------|-------------------|---------------------------|------------------------|------------------------------|
| Sprint-1 | 20                 | 6 Days   | 05 Nov 2025       | 10 Nov 2025               | 20                     | 10 Nov 2025                  |
| Sprint-2 | 20                 | 6 Days   | 11 Nov 2025       | 17 Nov 2025               | 19                     | 17 Nov 2025                  |
| Sprint-3 | 20                 | 6 Days   | 18 Nov 2025       | 24 Nov 2025               | 20                     | 24 Nov 2025                  |

#### Average Velocity:

$$\text{Velocity} = \frac{59 \text{ points}}{18 \text{ days}} = 3.27 \text{ points/day}$$

### **Burndown Chart:**

A visual chart showing remaining work (Y-axis) vs. time (X-axis), updated after each sprint. The ideal line descends steadily toward zero as tasks are completed.

### **Conclusion**

The **Lease Management System** enhances operational efficiency by automating lease handling, improving transparency, and ensuring timely communication between lessors and lessees. Through Agile methodology, the project achieves structured development, measurable progress, and continuous improvement across all sprints.