

Lease Management System - Testing Phase

1■■ Purpose of Testing

The main goal of testing is to verify that the Lease Management System works correctly, meets the user requirements, and is free from errors or bugs before deployment. Testing ensures that the system functions as expected, data integrity is maintained, workflows perform accurately, and the system is user-friendly and secure.

2■■ Types of Testing Performed

Type of Testing	Description	Example
Unit Testing	Testing individual modules or components separately.	Verifying that lease creation form saves data correctly.
Integration Testing	Ensuring different modules work together smoothly.	Checking tenant details link properly to lease and payment modules.
System Testing	Testing the entire system as a whole.	Running end-to-end scenarios — from lease entry to payment processing.
User Acceptance Testing (UAT)	Validating system usability and accuracy with end-users.	Property managers test functionality meets expectations.
Performance Testing	Checking system response time and speed under load.	Measuring how fast reports generate with many records.
Security Testing	Ensuring data and access are protected.	Verifying login authentication and file upload security.

3■■ Test Scenarios

Test Case ID	Scenario	Expected Result
TC001	Create a new lease record	Lease record saved successfully with correct tenant and payment details.
TC002	Rent payment entry	Payment added and reflected in dashboard.
TC003	Lease expiration reminder	Notification email triggered before end date.
TC004	Maintenance request submission	Request created and visible to admin.
TC005	Invalid login attempt	Error message displayed, access denied.
TC006	Generate report	Report displays accurate financial data.

4■■ Tools Used

- Manual Testing for UI and workflow validation
- Salesforce Testing Tools (if built on Salesforce) for Apex testing
- Selenium or Postman (optional) for automation or API testing

5■■ Results

- All modules passed functional and integration tests
- UAT feedback indicated the system was user-friendly
- No critical bugs found during system testing
- Ready for deployment after minor UI improvements

6■■ Conclusion

The Lease Management System successfully passed the testing phase. It meets functional, performance, and security requirements and is ready for real-time deployment.