

# Test Plan: Property Management - Leasing Page

## 1. Introduction & Objectives

Field	Detail
Project/Module	Property Management System - Tenant Leasing Page
Prepared By	SQA Engineer (Haseeb Munawar)
Objective	Ensure the Leasing Page workflow (from application to deposit payment) is <b>fully functional, compliant, and secure</b> before release.
Priority	High (Direct revenue impact).

## 2. Scope of Testing

- Application Submission:** Testing all mandatory fields, input validation, and successful form submission.
- Document Uploads:** Verification of required document handling (IDs, proof of income) and file type limits.
- Integration Points:** Successful calls to Credit Check APIs (e.g., TransUnion) and background check services.
- Payment Gateway:** Testing deposit/fee collection via the integrated payment processor (success and failure scenarios).
- Email Notifications:** Confirmation that automated emails are sent upon submission, approval, and payment.

## 3. Entry & Exit Criteria

### Entry Criteria

- All Leasing Page front-end and backend API code is deployed to the QA environment.
- Basic page loading, navigation, and core form rendering are confirmed functional.

### Exit Criteria

- All Critical and High severity bugs are fixed, retested, and closed.
- 98% pass rate achieved on all Functional Test Cases.
- Business/Product Owner formally approves the workflow.

## 4. Test Strategy and Environment

Test Type	Objective	Environment & Tools
Functional	Validate all input fields, calculations, and the end-to-end workflow.	<b>Environment:</b> Staging Server. <b>Browser:</b> Chrome (Primary), Safari/Firefox (Compatibility).
Integration	Verify successful, secure communication with external APIs (Credit Check, Payment Gateway).	<b>Tools:</b> Postman (for API validation), JIRA (for defect tracking).
Data Integrity	Ensure tenant data and payment records are accurately stored and linked to the correct property ID in the database.	<b>Database:</b> SQL/DBeaver (Query verification).

## 5. Estimated Schedule

Phase	Duration (Days)	Key Activities
Design/Review	0.5	Final Test Case review and environment setup.
Functional Execution	2.5	End-to-end testing of the main application flow and payment.
Integration/Fixes	2.0	Testing external API calls and re-testing high-priority bugs.
<b>Total</b>	<b>5 Days</b>	