UAT EXECUTION & REPORT SUBMISSION

Date: 19 February 2026

Team ID: LTVIP2026TMIDS87052

Team Size: 4

Project Name: RentEase – Premium Property Management System

Maximum Marks: 4 Marks

TEAM DETAILS

Team Leader: Mulla Arifuddin

Team Member: Atmakur Rajasekhar

Note: The UAT execution and report preparation were carried out only by the above-mentioned team members. Other team members' contribution to the UAT phase is not recorded in this document.

1. PURPOSE OF DOCUMENT

The purpose of this document is to summarize the User Acceptance Testing (UAT) results for the RentEase – Premium Property Management System prior to final academic submission.

This report confirms that all major functionalities including User Authentication & JWT Security, Role-Based Access Control (Admin, Owner, Renter), Property Listing Management (CRUD Operations), Booking Request Workflow, Image Upload Handling using Multer, Admin Monitoring Dashboard, Secure Session Handling using JWT, and Data Privacy Enforcement were tested under real-time usage scenarios before final release.

2. DEFECT ANALYSIS

During UAT, a total of 20 defects were identified across different severity levels.

Severity 1 (Critical): 1 issue identified. The issue was related to authentication validation and was fixed immediately before final sign-off.

Severity 2 (High): 4 issues identified. These involved booking workflow and role access restrictions. All were resolved.

Severity 3 (Medium): 6 issues identified. These included minor logical inconsistencies and validation errors. All were corrected.

Severity 4 (Low): 9 issues identified. These were cosmetic UI/UX alignment and minor display issues. Most were fixed; one was marked as "Won't Fix" as it did not affect functionality.

Resolution summary:

- 10 issues were fixed.

- 4 were classified as by design.

- 2 were marked duplicate.

- 1 was due to external browser/network behavior.

- 2 were not reproducible.

- 1 was marked won't fix.

All Critical and High severity defects were resolved before final UAT approval.

3. TEST CASE ANALYSIS

A total of 65 test cases were executed during UAT.

Authentication & JWT Security: 8 test cases executed, all passed.

Role-Based Access Control: 7 test cases executed, all passed.

Admin Dashboard: 9 test cases executed, all passed.

Owner Property Management: 12 test cases executed, 11 passed and 1 initially failed due to minor UI alignment, later fixed.

Booking Workflow: 8 test cases executed, all passed.

Image Upload & Storage: 6 test cases executed, all passed.

Data Privacy Enforcement: 5 test cases executed, all passed.

API Security & Middleware: 4 test cases executed, all passed.

UI/UX Navigation: 6 test cases executed, all passed.

Out of 65 total test cases, 64 passed successfully and 1 minor issue was identified and resolved.

4. UAT SUMMARY

Total Test Cases Executed: 65

Total Passed: 64

Total Failed: 1 (Minor UI alignment issue – Fixed)

Critical Open Issues: 0

System Stability: Stable

Security Validation: Verified

Release Recommendation: Approved for Academic Submission

The system demonstrated stable performance, secure role-based access implementation, and proper data isolation between Admin, Owner, and Renter roles.

5. UAT SIGN-OFF

Tester Name: Mulla Arifuddin (Team Leader)

Co-Tester: Atmakur Rajasekhar

Date: 19 February 2026

Signatures:

M.A.

A.R.