USER ACCEPTANCE TESTING (UAT) REPORT

Date: 20-02-2026

Team ID: LTVIP2026TMIDS87052

Team Size: 4

Project Name: Househunt – Finding Your Perfect Rental Home

Maximum Marks: 4

PROJECT OVERVIEW

Project Name: Househunt – Finding Your Perfect Rental Home

Description:

Househunt is a web-based rental property management platform designed to connect property owners with renters. The system allows users to register, browse rental listings, post properties, send booking requests, and track request status. The admin panel enables monitoring of users, properties, and booking activities to ensure secure and smooth platform operation.

Project Version: v1.0.0

TEAM DETAILS

Team Leader: Mulla Arifuddin

Team Member: Atmakur Rajasekhar

Note: The User Acceptance Testing (UAT) execution and documentation were carried out by the above-mentioned team members.

TESTING SCOPE

The following modules were included in UAT:

• User Registration and Login

• Role-Based Access Control

• Property Listing Management (Owner)

• Property Search and Filtering (Renter)

• Booking Request Workflow

• Booking Status Tracking

• Admin Monitoring Dashboard

REQUIREMENTS TO BE TESTED

• As a renter, I want to register and log in securely.

• As a renter, I want to search and request bookings for rental properties.

• As an owner, I want to post, edit, and delete property listings.

• As an admin, I want to manage users and monitor system activities.

• As a user, I want secure authentication and protected access based on my role.

TESTING ENVIRONMENT

Testing was conducted in the following environment:

• Frontend URL: http://localhost:3000

• Backend API: http://localhost:8001

• Database: MongoDB Local Instance

• Browser: Google Chrome (Latest Version)

• Operating System: Windows 11

TEST CASE EXECUTION DETAILS

TC-001

Scenario: User Registration

Steps:

1. Open website

2. Click "Sign Up"

3. Enter valid user details

4. Submit form

Expected Result:

User account should be created and redirected to dashboard.

Actual Result:

Account created successfully and redirected to renter dashboard.

Status: PASS

TC-002

Scenario: User Login

Steps:

1. Enter registered email and password

2. Click login

Expected Result:

User should be authenticated and redirected based on role.

Actual Result:

Login successful. Dashboard loaded correctly.

Status: PASS

TC-003

Scenario: Owner Property Listing

Steps:

1. Login as owner

2. Navigate to "Add Property"

3. Enter property details and upload images

4. Submit form

Expected Result:

Property should be saved and displayed in listings.

Actual Result:

Property added successfully and visible to renters.

Status: PASS

TC-004

Scenario: Booking Request Workflow

Steps:

1. Login as renter

2. Select property

3. Click "Request Booking"

4. Confirm request

Expected Result:

Booking request should be created with status "Pending".

Actual Result:

Booking request generated and visible in owner dashboard.

Status: PASS

TC-005

Scenario: Role-Based Access Restriction

Steps:

1. Login as renter

2. Try accessing admin panel URL directly

Expected Result:

Access should be denied.

Actual Result:

Unauthorized access blocked successfully.

Status: PASS

TC-006

Scenario: Delete Property and Data Integrity

Steps:

1. Login as owner

2. Delete existing property

Expected Result:

Property and associated booking data should be removed.

Actual Result:

Property deleted successfully and related records cleared.

Status: PASS

TEST EXECUTION SUMMARY

Total Test Cases Executed: 6

Passed: 6

Failed: 0

Critical Issues: 0

System Stability: Stable

Release Recommendation: Approved for Academic Submission

BUG TRACKING

BG-001

Description: Minor UI alignment issue on booking confirmation page.

Severity: Low

Status: Fixed

Remarks: CSS adjusted for consistent layout.

BG-002

Description: Slow image upload when large file size selected.

Severity: Medium

Status: Resolved

Remarks: File size validation added to prevent delay.

UAT CONCLUSION

All core functionalities including authentication, role-based access control, property management, booking workflow, and admin monitoring were tested successfully. No critical or high-severity issues remain open. The system is stable and ready for academic evaluation.

SIGN-OFF

Tester Name: Mulla Arifuddin (Team Leader)

Co-Tester: Atmakur Rajasekhar

Date: 20-02-2026

Signatures:

M.A.

A.R.