Performance Testing (House-Hunt)

Date: 25-06-2025

Team ID: CSE(AIML)-03

Project Name: HouseHunt: Finding Your Perfect Rental Home

Maximum Marks: 100

# Project Overview:

Project Name: HouseHunt: Finding Your Perfect Rental Home

Project Description: HouseHunt is a full-stack web application built using the MERN stack that streamlines the process of renting residential properties. It provides features like listing properties, filtering searches, booking requests, admin controls, and dedicated roles for renters and owners.

Project Version: 1.0.0

Testing Period: 20-06-2025 to 25-06-2025

# Testing Scope:

Features and Functionalities to be Tested:

- User Authentication (Login/Signup for Renters & Owners)

- Property Listings and Search Filters

- Booking a Property

- Admin Panel Management

- Profile Management

- Responsive UI across devices

User Stories or Requirements to be Tested:

- As a renter, I should be able to search and book rental properties.

- As an owner, I should be able to list and manage my properties.

- As an admin, I should be able to manage users and listings.

- As a user, I should be able to view booking status and manage profile settings.

# Testing Environment:

URL/Location: http://localhost:3000 (development)

Credentials (if required):

- Renter: jyothi123@gmail.com / jyothi@123

- Owner: owner01@gmail.com / owner@123

- Admin: admin@househunt.com / admin@123

# Test Cases:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | Test Scenario | Test Steps | Expected Result | Actual Result | Pass/Fail |
| TC-001 | User Login Functionality | 1. Enter valid credentials 2. Click Login | Redirect to user dashboard | As expected | Pass |
| TC-002 | Property Search | 1. Enter search filters 2. Click Search | Filtered properties displayed | As expected | Pass |
| TC-003 | Book a Property | 1. Click on a property 2. Click "Book Now" | Booking request sent | As expected | Pass |
| TC-004 | Post a Property (Owner) | 1. Fill listing form 2. Click Submit | Property listed successfully | As expected | Pass |
| TC-005 | Admin View All Users | 1. Login as admin 2. Navigate to User Management | All users displayed | As expected | Pass |
| TC-006 | Invalid Login | 1. Enter wrong credentials 2. Click Login | Error message displayed | As expected | Pass |
| TC-007 | Profile Update | 1. Go to Profile 2. Edit and Save changes | Profile updated | As expected | Pass |

# Bug Tracking:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Bug ID | Bug Description | Steps to Reproduce | Severity | Status | Additional Feedback |
| BG-001 | Booking confirmation not shown | 1. Book property 2. No popup message | Medium | In Progress | Add confirmation popup |
| BG-002 | Image upload fails occasionally | 1. Try to upload large images | High | Open | Limit image size or show warning |
| BG-003 | Page crash on logout | 1. Click logout multiple times rapidly | Low | Closed | Handled using proper redirect |

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