**User Acceptance Testing (UAT) Template**

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| --- | --- |
| Date |  |
| Team ID | LTVIP2025TMID58222 |
| Project Name | House-Hunt: Finding-Your-Perfect-Rental-Home |
| Maximum Marks |  |

**Project Overview:**

Project Name: House-Hunt: Finding-Your-Perfect-Rental-Home

Project Description:

**House-Hunt** is a web application that helps people easily find rental homes based on their needs. It allows users to search for houses by city, price, number of rooms (BHK), and more. The goal is to make the house-hunting process simple, fast, and safe.

**Project Version**: v1.0.0

**Testing Period:** 01 July 2025 to 05 July 2025

**Testing Scope:**

User Registration (with name, email, and phone)

Owner Property Upload (CSV/Form)

Smart Search & Filters (City, Price, BHK, Amenities)

Property Listings View (Card/Grid format)

Tableau Rental Dashboard

Rent Price Forecasting (Prophet)

**Requirements to be Tested:**

* USN-1: Register as a user
* USN-2: Upload rental data
* USN-5: View Tableau dashboards
* USN-6: Access dashboard via Flask
* USN-7: Apply filters (region, price, BHK)
* USN-9: Forecast rent using machine learning
* USN-13: UI bug testing and fixes

**Testing Environment:**

URL/Location: https://househunt.vercel.app

**Credentials (if required):**

**Username:** testuser@househunt.com

**Password:** Test@1234

**Test Cases:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case ID** | **Test Scenario** | **Test Steps** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| TC-001 | User Registration | 1. Visit site2. Click "Sign Up"3. Fill name, email, password4. Submit form | Account created and redirected to homepage | Account created and redirected to homepage | Pass |
| TC-002 | Upload Property Listing | 1. Login as owner2. Go to "Upload Property"3. Fill details or upload CSV4. Submit | Property is saved and shown in listings | Property saved and visible | Pass |
| TC-003 | Apply Filters | 1. Go to home page2. Apply filters (city, price range, BHK)3. Click search | Filtered results are displayed | Some listings missing | Fail |
| TC-004 | Forecast Rent Trends | 1. Visit "Rent Insights" page2. Select city3. View forecast chart | Chart shows rent predictions | Chart loads but missing for some cities | Fail |
| TC-005 | Logout Functionality | 1. Login2. Click profile icon3. Select logout | User is logged out and redirected to login page | Works as expected | Pass |

**Bus Tracking:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Bug ID** | **Bug Description** | **Steps to Reproduce** | **Severity** | **Status** | **Additional Feedback** |
| BG-001 | Filter not working for some areas | 1. Go to home2. Select city + BHK + price range3. Click "Search" | Medium | Open | Filters miss listings in certain cities |
| BG-002 | Forecast not loading | 1. Go to Rent Insights2. Select "Chennai"3. Chart does not load | High | Open | Works for Mumbai, not for Chennai |
| BG-003 | CSV Upload Validation Missing | 1. Upload blank CSV2. Submit | Low | Fixed | Should block empty or malformed uploads |
| BG-004 | Logout not clearing session | 1. Login2. Logout3. Press back button | Medium | In Progress | Can still access dashboard after logout |

**Sign-off:**

Tester Name: N. Tejashwini

Date: 26-05-2025

Signature: Tejashwini

**Notes:**

* Test across multiple devices and browsers.
* Cover positive and negative cases (e.g., invalid input, empty search, etc.).
* Track all bugs with reproduction steps and severity.
* Sign-off is required from the project manager and product owner before release.