

Bug Report for madmon sell your home Web Page

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Test Environment:

- **Environment Details:**
 - Browser: Google Chrome Version → 128.0.0.0
 - Operating System: Windows 10
 - madmon sell your home Web Page
 - Network: Wi-Fi, Mobile Data
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Testing Objectives for Selling Your Home:

1. Scope:

- **Cash Payment Processing:** Assess the accuracy and efficiency of cash transactions, ensuring that all related fees (such as maintenance fees and subscriptions) are calculated correctly.
- **Installment Payment Processing:** Evaluate the calculations involved in installment payments, including the total unit price, paid so far, over price.
- **Property Listing Management:** Verify that users can successfully list their properties, ensuring the accuracy of all input fields (such as space, number of rooms, and address).
- **Document Upload Functionality:** Assess the process for uploading required documents (such as contracts and ID photos) to ensure that files meet size and format requirements and are processed correctly.

2. Focus:

- **Usability and User Experience:** Examine the user interface to ensure that the home selling process is user-friendly, especially during document uploads and payment processing.
 - **Error Handling and Edge Cases:** Identify how the system responds to invalid inputs (such as unsupported file types for uploads, negative values for payments, and incorrect date formats) and ensure that appropriate error messages are displayed.
 - **Contract and ID Photo Validation:** Ensure that the system validates uploaded contracts and ID photos for size limits (e.g., maximum 5MB) and checks that required fields are completed before submission.
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Test Approach:

1. Exploration Strategy:

- **Scenario-Based Testing:** Conduct testing based on realistic user scenarios, focusing on common workflows such as cash payment processing, installment payment processing, and property listing management to ensure a smooth user experience throughout the home-selling process.
- **Exploratory Testing:** Engage in exploratory actions to discover potential issues beyond predefined scenarios, aiming to identify usability concerns and unexpected behaviors within the application during various user interactions.

2. Techniques Used:

- **Black Box Testing:** Perform end-to-end testing of the user interface to evaluate functionality without delving into the underlying code, ensuring that all features related to property listings, payment processing, and document uploads work as intended.
 - **Validation Testing:** Verify that all user inputs (such as financial data and document uploads) are properly validated, ensuring that the application correctly handles both valid and invalid data entries.
 - **Usability Testing:** Assess the overall user experience, focusing on the ease of navigation, clarity of instructions, and the intuitiveness of the user interface to ensure a seamless process for selling homes.
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1.Introduction

This document provides a comprehensive analysis of the property selling platform designed for managing cash and installment payment processes. As part of the Quality Assurance efforts for this project, I have identified several bugs and usability issues that affect the functionality and overall user experience of the application. Each identified issue is detailed with clear steps to reproduce them, alongside expected versus actual results and supporting visual evidence in the form of screenshots. This thorough report aims to highlight my analytical skills and attention to detail in identifying potential problems that could impact users' ability to successfully navigate and complete transactions on the madmon website.

1. Identified Bugs

Bug 001: Invalid Data Entry Validation Failure in User Input Fields

- **Description:** The application does not provide adequate feedback when users enter invalid data in the input fields (full name, phone number, address, and compound name), leading to confusion during the submission process.
- **Steps to Reproduce:**
 1. Go to the URL: https://test.hoodies.fun/Sell_Your_Home.
 2. Fill in the Full Name field with invalid data.
 3. Fill in the Phone Number field with an invalid phone number.
 4. Enter a valid Email address.
 5. "Enter the broker code (if applicable).
 6. Select an area from the Area dropdown
 7. Choose an option for In Compound or Out Of Compound via radio buttons.

8. Fill in the Compound Name field with invalid data (if applicable).

9. Fill in the Enter the Address field with invalid data

- **Expected Result:**

The system should display validation errors for:

Full Name: An error message indicating that special characters like "@" are not allowed.

Phone Number: An error message indicating that the phone number must contain the required number of digits.

Address: An error message indicating that the address cannot consist solely of numbers and must include valid text.

Compound Name: An error message indicating that the compound name cannot consist solely of numbers.

- **Actual Result:** The form accepts invalid inputs for four fields and proceeds with submission.

- **Screenshots:**

The screenshot shows a web browser window with the URL 'test.hoodies.fun/Sell_Your_Home'. The page title is 'madman'. The form is titled 'Sell Your Home' and has five tabs: 'Personal Details', 'Location Details', 'Unit Details', 'Pricing', and 'Contracts'. A progress bar indicates 'You Have Completed 20% Out Of 100%'. The 'Personal Details' tab is active, showing fields for 'Full Name', 'Phone Number', 'E-Mail', and 'Broker Code'. The 'Full Name' field contains '@', 'Phone Number' contains '12345', 'E-Mail' is empty, and 'Broker Code' is empty. There are validation error messages above the 'Full Name' and 'Phone Number' fields.

Sell Your Home

The screenshot shows the same 'Sell Your Home' form, but now at 40% completion. The progress bar indicates 'You Have Completed 40% Out Of 100%'. The 'Location Details' tab is active, showing fields for 'Area', 'Compound Name', and 'Address'. The 'Area' field contains 'Fifth Settlement', 'Compound Name' contains '123313', and 'Address' contains '123665464'. There are radio buttons for 'In Compound' (selected) and 'Out Of Compound'. At the bottom, there are 'Next' and 'Back' buttons.

Bug-002: Invalid Negative Value Entry for Financial Inputs

- **Description:** The application allows users to enter negative values in financial input fields (garden space, sell price, maintenance payment, club fee, and parking fee) without validation. This can lead to incorrect data submission and processing issues.
- **Steps to Reproduce:**
 1. Go to the URL: https://test.hoodies.fun/Sell_Your_Home.
 2. Fill in the Full Name field with valid data.
 3. Fill in the Phone Number field with a valid phone number.
 4. Enter a valid Email address.
 5. "Enter the broker code (if applicable).
 6. Select an area from the Area dropdown
 7. Choose an option for In Compound or Out Of Compound via radio buttons.
 8. Enter a Compound Name (if applicable).
 9. Enter the Address.
 10. Select a unit type from the Unit Name dropdown.
 11. Enter the space (in m²).
 12. Delivery Date.
 13. "Enter the Floor number.
 14. "Select additional features via radio buttons (e.g., Garden or Roof).
 15. If Garden is selected, enter the garden Space.
 16. "Enter the number of bedrooms.
 17. "Enter the number of bathrooms.
 18. Select the Finishing type from the dropdown
 19. Upload a Unit Photo (max size 4MB, max 10 photos).
 20. Select the payment type.
 21. Enter sell price.
 22. "Enter the maintenance payment.
 23. "Enter the club subscription fee.
 24. "Enter the parking fee.
- **Expected Result** An error message should appear indicating that the garden space, sell price, maintenance payment, club fee, parking fee fields cannot be negative.
- **Actual Result:** The form submission is accepted negative values and no error message appear indicating that.
- **Screenshots:**

test.hoodies.fun/Sell_Your_Home

Townhouse

Space ^{*}

12 m²

Delivery Date ^{*}

2026

Floor

3

Additional Features ☒ Garden ☐ Roof none

Garden Space

-100

☒ Cash ☐ Installment

Sell Price (Without Commission) ^{*}

-1,000,000

☐ Commission (Paid For Madmon)

-25,000

☐ Total (With Commission)

-1,025,000

Maintenance Payment

-2,500

Club Subscription

-500

Parking

-1,000

Bug-003: Allowing Negative Values in Financial Input Fields for Installment Payments

- Description:** The application permits the entry of negative values in financial fields related to installment payments (roof space, original purchase price, Paid So Far, and over price) without any validation checks. This can result in erroneous calculations and complications in processing transactions.
- Steps to Reproduce:**
 - Go to the URL: https://test.hoodies.fun/Sell_Your_Home.
 - Fill in the Full Name field with valid data.
 - Fill in the Phone Number field with a valid phone number.
 - Enter a valid Email address.
 - Enter the broker code (if applicable).
 - Select an area from the Area dropdown.
 - Choose an option for In Compound or Out Of Compound via radio buttons.
 - Enter a Compound Name (if applicable).
 - Enter the Address.
 - Select a unit type from the Unit Name dropdown.
 - Enter the space (in m²).
 - Delivery Date.

13. "Enter the Floor number.
 14. "Select additional features via radio buttons (e.g., Garden or Roof).
 15. If Roof is selected, enter the roof Space.
 16. "Enter the number of bedrooms.
 17. "Enter the number of bathrooms.
 18. Select the Finishing type from the dropdown.
 19. Upload a Unit Photo (max size 4MB, max 10 photos).
 20. Select the payment type.
 21. Enter Original purchase price.
 22. Enter Paid So Far.
 23. Enter over price.
- **Expected Result:** An error message should appear indicating that the roof space, original purchase price, Paid So Far, over price fields cannot be negative.
 - **Actual Result:** The form submission is accepted negative values and no error message appear indicating that
 - Screenshots:

test.hoodies.fun/Sell_Your_Home

Unit Name

Townhouse

Space *

12 m²

Delivery Date *

2026

Floor

3

Additional Features ☐ Garden ☒ Roof none

Roof Space

-150

test.hoodies.fun/Sell_Your_Home

Sell Your Home

[Personal Details](#) [Location Details](#) [Unit Details](#) [Pricing](#) [Contracts](#)

You Have Completed **80%** Out Of 100%

☐ Cash ☒ Installment

Original Purchase Price (Total Unit Price In The Contract Including All Installments) *

-5,000,000

Paid So Far *

-2,000,000

Over Price (The Required Increase Over The Original Purchase Price) *

-4,000,000

2. Test Coverage

- **Areas Covered:**
 - **Payment Processing:** Evaluated the functionality of processing cash payments, ensuring accurate calculations of total costs, including maintenance fees and club subscriptions.
 - **Installment Payment Processing:** Assessed the calculations for installment payments, verifying that the system accurately handles the calculations including the total unit price, paid so far, over price.
 - **Property Listing Management:** Verified the functionality of listing properties, ensuring that all required fields (such as unit details, address, and features) are correctly processed and displayed.
 - **Document Upload Functionality:** Evaluated the process for uploading necessary documents (such as contracts and ID photos) to ensure file size and format validations are enforced.
 - **Usability Testing:** Conducted assessments of the user interface to ensure intuitive navigation, clarity of instructions, and overall user experience during the property selling process.
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3. Recommendations

Implement Input Validation: It is recommended to enhance input validation across all financial fields to prevent the entry of negative values and ensure that users can only submit valid data. Clear error messages should be displayed when invalid inputs are detected.

3. Conclusion:

- **Summary:**
 - This report identifies several key issues within the property selling application that may adversely affect user experience and transaction processing. Addressing these issues should be prioritized to improve the overall functionality and reliability of the platform.
- **Overall Assessment:**
 - Resolving these issues will enhance usability, ensuring that users can seamlessly list properties, process payments, and upload necessary documents without encountering obstacles. For any further clarifications or discussions regarding these findings, please feel free to reach out.