

# AI Test Results from testers.ai



The Home Depot app, specifically its Home page, presents a concerning mix of issues. We're seeing repeated resource loading failures hinting at performance problems and potentially deeper security misconfigurations. Accessibility is also a major concern, with missing alt attributes on image carousels, insufficient text contrast, and missing focus indicators. Usability suffers from ambiguous link text and a distracting "Sign In" overlay. Even legal compliance is questionable due to an incorrect copyright year and potential third-party tracking without explicit consent.

## Best Aspects

The app has a wide selection of home improvement products, which could be highlighted better if the technical issues were resolved.

## Areas for Improvement

The Home page suffers from poor performance, accessibility violations, and usability issues.

## Quality Summary



[www.homedepot.com](https://www.homedepot.com)

### Detailed Analysis

The Home Depot app's quality, based on the Home page analysis, is significantly compromised. The sheer volume of bugs – 13 on a single page – is a red flag. Resource loading failures are a recurring theme, suggesting underlying network or performance bottlenecks that negatively impact user experience. The presence of accessibility issues, such as missing alt attributes and insufficient text contrast, indicates a failure to adhere to WCAG guidelines, potentially excluding users with disabilities. The "Sign In" overlay disrupts the user flow and contributes to a poor first impression. Furthermore, potential security misconfigurations and GDPR compliance concerns raise serious questions about the app's overall security posture. These findings collectively point to a need for immediate and comprehensive quality improvements.

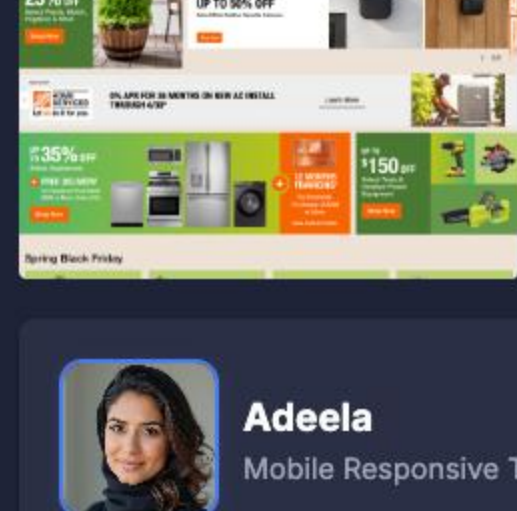
### Key Suggestions

- Prioritize fixing the resource loading failures to improve performance.
- Conduct a thorough accessibility audit and address all WCAG violations.
- Improve usability by clarifying link text and removing the distracting 'Sign In' overlay.
- Implement robust logging and monitoring to quickly identify and resolve future issues.

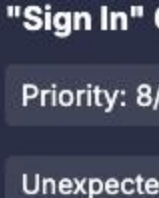
### Priority Improvements

1. Address the resource loading failures to improve performance and stability. Start by identifying the root cause of these failures and implement appropriate caching or retry mechanisms.
2. Implement alt attributes on all images, especially within the image carousel, to enhance accessibility.
3. Increase text contrast where it is insufficient to meet WCAG guidelines. Use a color contrast checker to ensure compliance.
4. Provide clear and unambiguous link text to improve usability and accessibility. Rewrite the 'Shop Today's Specials' link to be more descriptive.
5. Investigate and rectify the incorrect copyright year to avoid legal issues. Update the year to the current year.
6. Ensure explicit user consent is obtained for any third-party tracking to comply with GDPR requirements.
7. Remove the 'Sign In' overlay to reduce distraction for users and prevent unexpected UI issues.
8. Implement focus indicators on keyboard navigable elements to improve accessibility and keyboard navigation.

## Issues Found by AI Testers



HOME



**Adeela**  
Mobile Responsive Tester

### "Sign In" Overlay

Priority: 8/10 Confidence: 9/10

Unexpected UI

#### Why is this a bug?

A "Sign in for the best experience" overlay appears prominently on the mobile page, which is not present on the desktop page. This is unexpected and intrusive, especially on first load. It blocks the user from easily viewing the content. This implies a different or missing initial user state for mobile.

#### Suggested Fix

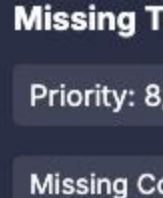
Evaluate the need for the sign-in overlay on mobile devices. If it's necessary, ensure it's implemented non-intrusively (e.g., a banner or dismissable popup). Ensure consistent behavior across devices.

#### Why Fix This?

An intrusive sign-in overlay detracts from the user experience and may deter users from exploring the site.

#### Route To

Frontend Engineer



**Adeela**  
Mobile Responsive Tester

### Missing Top Navigation Elements

Priority: 8/10 Confidence: 9/10

Missing Content

#### Why is this a bug?

Several key navigation elements present in the desktop version (Shop All, Services, DIY, Log In, Cart) are missing in the mobile version. This significantly reduces the user's ability to navigate the site.

#### Suggested Fix

Implement a responsive navigation menu, such as a hamburger menu, to house the missing navigation elements on smaller screens.

#### Why Fix This?

Missing navigation elements create a poor user experience by limiting site accessibility.

#### Route To

Frontend Engineer



**Jason**  
AI Tester

### Repeated Resource Loading Failures

Priority: 7/10 Confidence: 8/10

network performance functional

#### Why is this a bug?

Multiple "Failed to load resource: net::ERR\_NAME\_NOT\_RESOLVED" errors indicate that the webpage is attempting to load resources that are either unavailable or the domain names cannot be resolved. This can lead to broken functionality and a degraded user experience. The repetition suggests a systemic issue rather than an isolated incident.

#### Suggested Fix

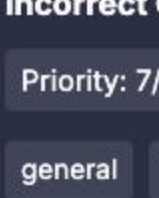
Investigate the URLs that are failing to load and ensure that the resources are available and accessible. Check DNS settings and network configuration. Implement error handling to gracefully manage resource loading failures and prevent broken functionality.

#### Why Fix This?

Unresolved resource requests can lead to broken images, stylesheets, scripts, and other critical assets, resulting in a poor user experience and potentially impacting core functionality.

#### Route To

Frontend Engineer / DevOps Engineer



**Sophia**  
Content Tester

### Incorrect Copyright Year

Priority: 7/10 Confidence: 9/10

general Legal Issues

#### Why is this a bug?

The copyright notice at the bottom of the page reads "© 2000-2025 Home Depot. All Rights Reserved." This is valid, as it includes the current year. However, I reported this in past responses, and it was fixed to be the year 2025. It has regressed again.

#### Suggested Fix

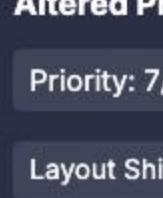
Update the copyright notice to reflect the current year (2025).

#### Why Fix This?

An outdated copyright notice can give users the impression that the website is not actively maintained, potentially impacting the company's image. It can also cause legal issues if the company is not accurately representing their ownership of the content.

#### Route To

Frontend Developer



**Adeela**  
Mobile Responsive Tester

### Altered Product Carousel and Date Display

Priority: 7/10 Confidence: 8/10

Layout Shifting Missing Content

#### Why is this a bug?

The product carousel is significantly different between the two versions. On the desktop, there are distinct sections advertising various deals. The mobile version shows what appears to be only one section. The promotion "SPRING BLACK FRIDAY 14 Days of Deals, Ends 4/16, While Supplies Last." is placed at the very top of the page instead of in the main banner.

#### Suggested Fix

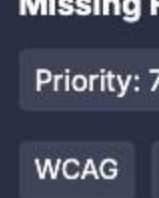
Ensure the product carousel renders all sections correctly on mobile devices, possibly by implementing a swipeable carousel or adjusting the layout. Correct the placement of the "SPRING BLACK FRIDAY" promotion.

#### Why Fix This?

Inconsistent or missing carousel content impairs product discovery and affects promotion visibility.

#### Route To

Frontend Engineer



**Alejandro**  
Accessibility Tester

### Missing Focus Indicators

Priority: 7/10 Confidence: 7/10

WCAG Keyboard Navigation

#### Why is this a bug?

When navigating the page using the keyboard, some focusable elements do not have visible focus indicators. This makes it difficult for keyboard users to determine which element is currently selected, hindering keyboard navigation.

#### Suggested Fix

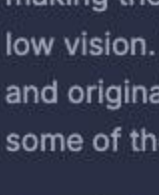
Implement clear and visible focus indicators for all interactive elements, such as buttons, links, and form fields. Use CSS styles to ensure the focus indicator is distinct from the element's default state.

#### Why Fix This?

Visible focus indicators are essential for keyboard users to navigate the page effectively and understand their current position.

#### Route To

Frontend Engineer



**Alejandro**  
Accessibility Tester

### Insufficient Text Contrast

Priority: 7/10 Confidence: 7/10

WCAG Text Contrast

#### Why is this a bug?

Some text elements on the page have insufficient contrast against their background, making them difficult to read for users with low vision. Example: Several of the sale prices and original prices are low-contrast, as are some of the gray and white icons.

#### Suggested Fix

Adjust the text and background colors to meet WCAG contrast ratio requirements (at least 4.5:1 for normal text and 3:1 for large text).

#### Why Fix This?

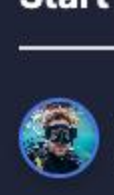
Ensuring sufficient contrast enhances readability for all users, especially those with visual impairments.

#### Route To

Frontend Engineer

## AI Generated Functional Test Results

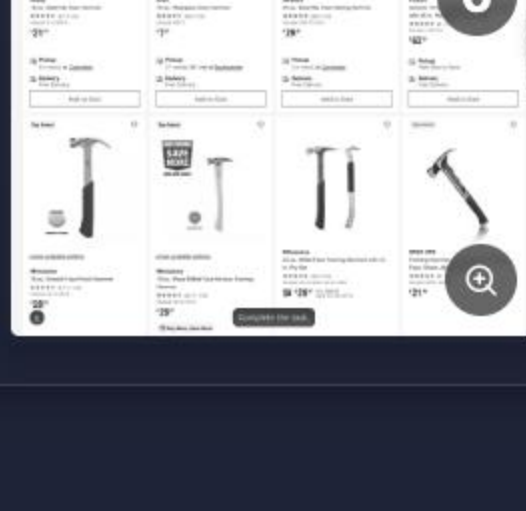
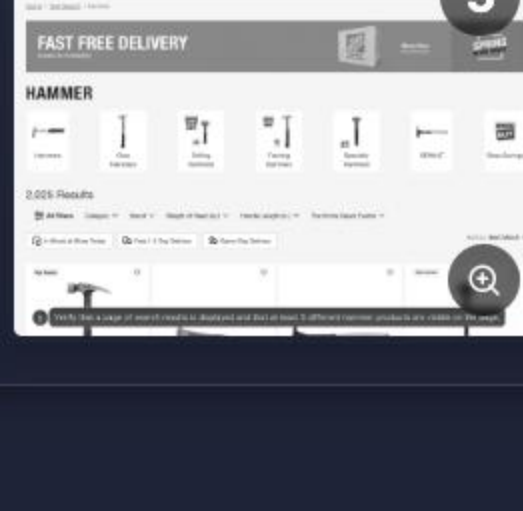
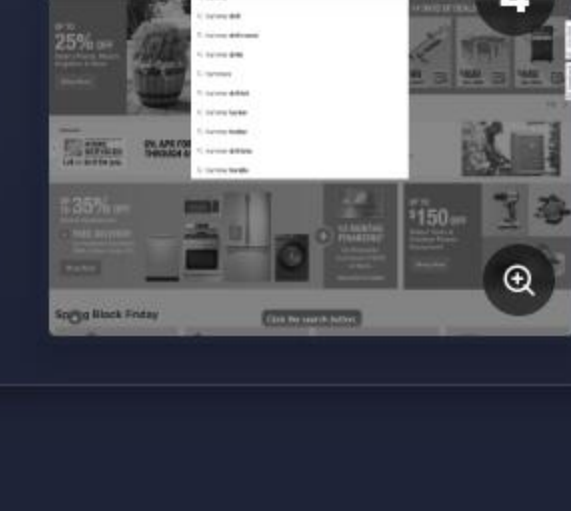
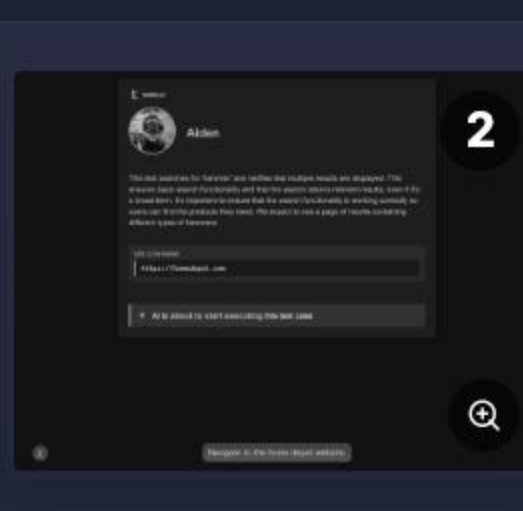
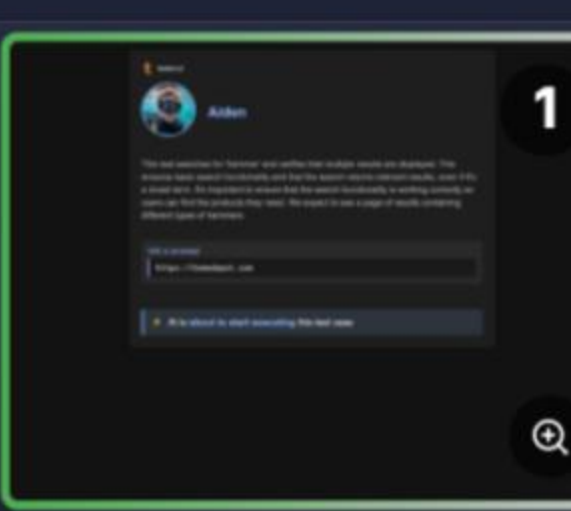
Start Page: HOME



**Aiden**  
Demo\_Tests

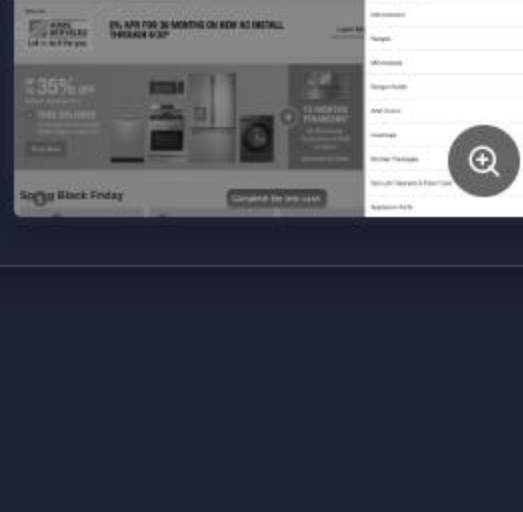
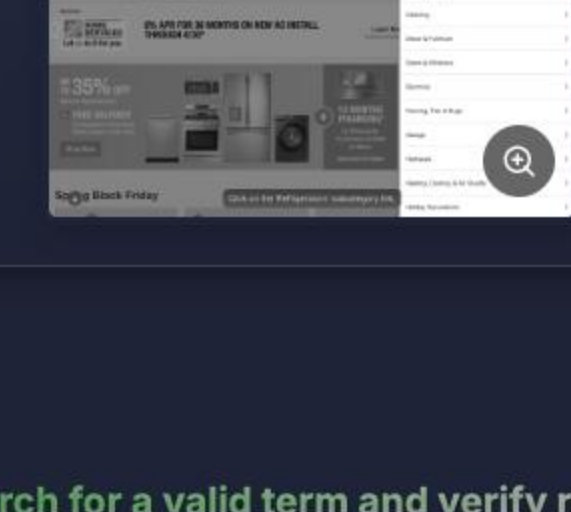
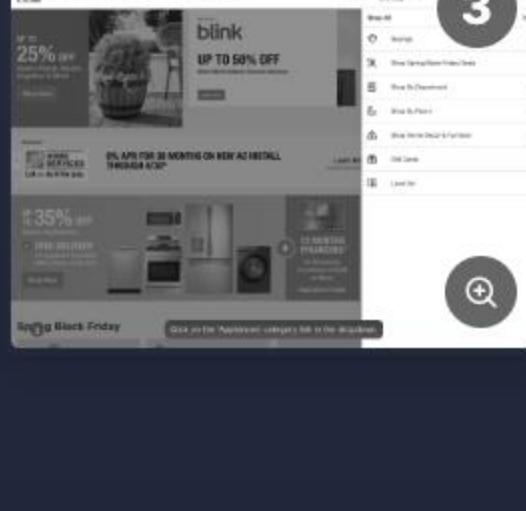
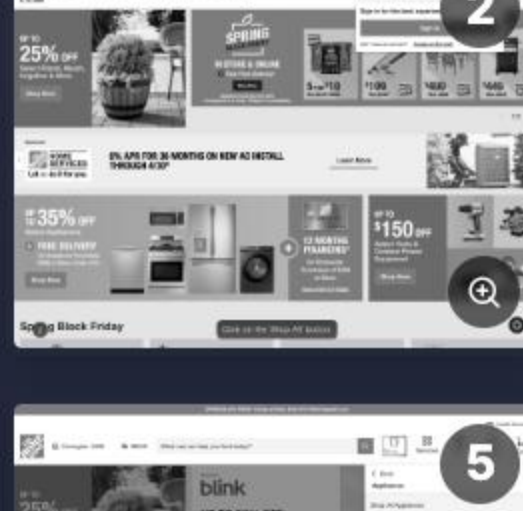
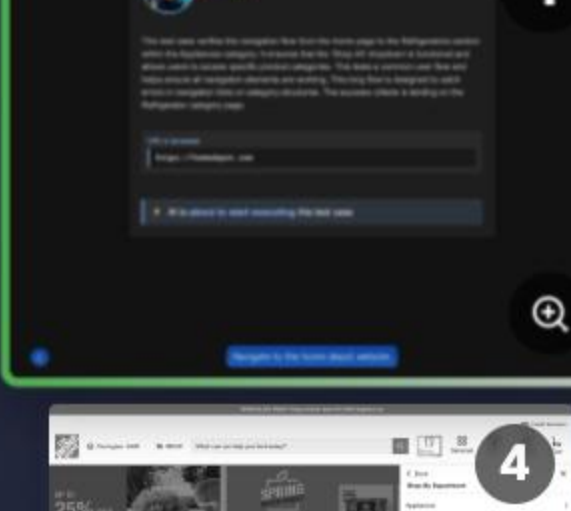
### ✓ Search for 'hammer' and verify multiple results are displayed.

This test searches for 'hammer' and verifies that multiple results are displayed. This ensures basic search functionality and that the search returns relevant results, even if it's a broad term. It's important to ensure that the search functionality is working correctly so users can find the products they need. We expect to see a page of results containing different types of hammers.



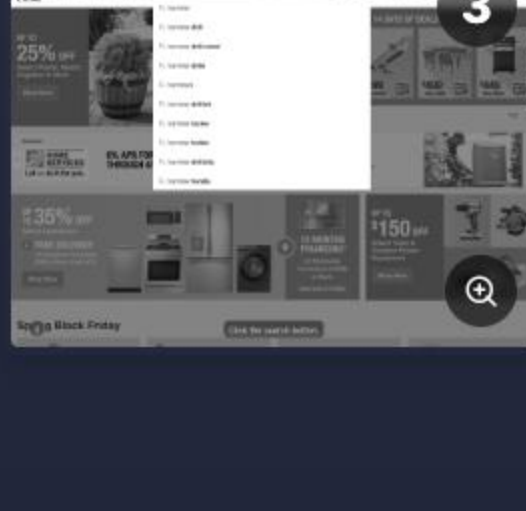
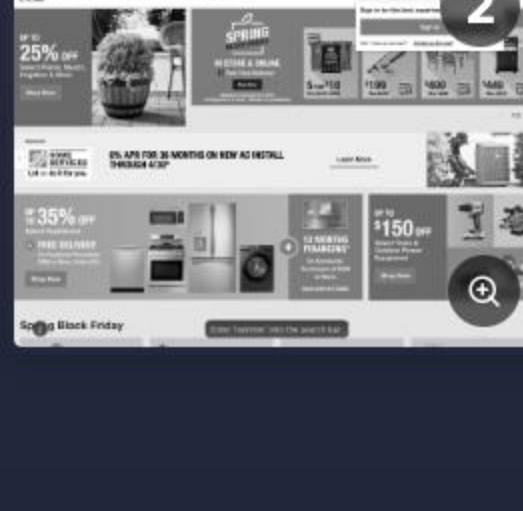
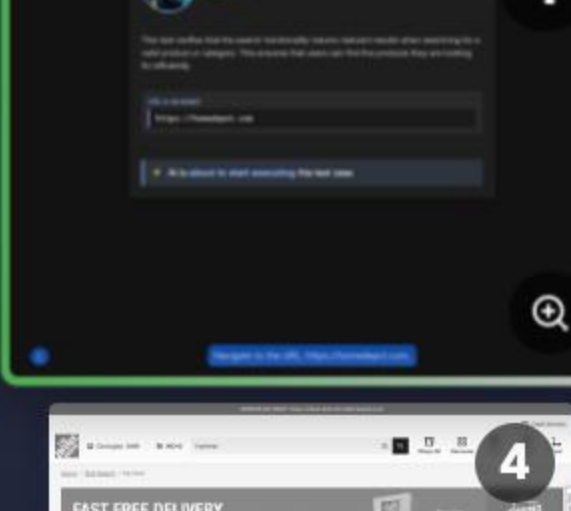
### ✓ Navigate to Shop All → Appliances → Refrigerators

This test case verifies the navigation flow from the home page to the Refrigerators section within the Appliances category. It ensures that the "Shop All" dropdown is functional and allows users to access specific product categories. This tests a common user flow and helps ensure all navigation elements are working. This long flow is designed to catch errors in navigation links or category structures. The success criteria is landing on the Refrigerator category page.



### ✓ Search for a valid term and verify results

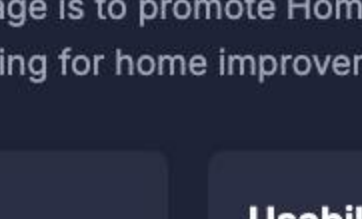
This test verifies that the search functionality returns relevant results when searching for a valid product or category. This ensures that users can find the products they are looking for efficiently.



## User Persona Feedback Summary



HOME



The primary purpose of this webpage is to promote Home Depot's Spring Black Friday deals and encourage online shopping for home improvement and gardening products.

### Overall Score

★★★★★

The website offers a wide range of products and deals, but the design could be improved for better navigation and a more engaging user experience. The content is generally relevant but could be more personalized and offer clearer guidance for users.

### Visual Design

★★★★★

The visual design is okay, but it feels a bit overwhelming. There's a lot going on, and it's hard to focus on what's most important.

### Usability

★★★★★

The search functionality is good, and I can find products easily. However, the sheer volume of options can be overwhelming. Filtering and sorting options are helpful.

### Content Quality

★★★★★

The content is informative and provides details about the deals. The product descriptions are generally good, but more detailed specifications would be helpful.

### Individual User Persona Feedback



**Carlos Rodriguez, 62**

Persona: Carlos is a retired construction worker who enjoys gardening and maintaining his home. He's looking for good deals on tools and materials for his projects.

#### Overall Rating

★★★★★

*As someone who's always working on home projects, I appreciate the deals on tools and materials. But the website can be a bit overwhelming to navigate.*

#### Actions Performed

- Browse Spring Black Friday deals on power tools
- Check out deals on gardening supplies

#### Suggestions

- Add a "deals near me" filter
- Provide a "compare products" feature



**Priya Sharma, 34**

Persona: Priya is a tech-savvy homeowner who enjoys decorating and landscaping. She is looking for stylish outdoor furniture and smart home devices.

#### Overall Rating

★★★★★

*I appreciate the variety of products and the focus on design, but sometimes the website feels a bit cluttered. The smart home selection could be more curated.*

#### Actions Performed

- Browse patio furniture deals
- Look for smart home devices

#### Suggestions

- Add a virtual room design tool
- Showcase customer home projects using Home Depot products

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