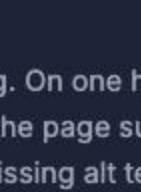


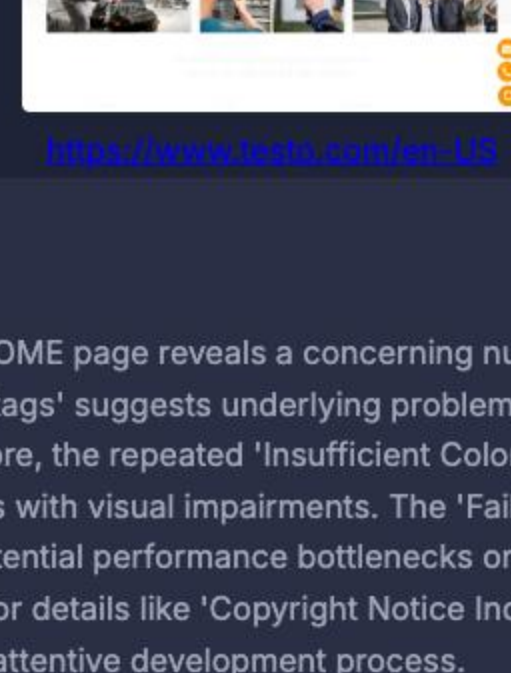
# AI Test Results from testers.ai



The HOME page of 'Testoworld' presents a mixed bag. On one hand, no catastrophic crashes or data loss bugs are apparent from the provided data. On the other hand, the page suffers from a multitude of accessibility problems, including insufficient color contrast on buttons and missing alt text for images, violating WCAG guidelines. Navigation is also a concern, with reports of a missing main navigation bar and invalid href attributes. The performance issues, indicated by failed resource loading, are also a red flag.

<p><b>Best Aspects</b></p> <p>The app's core functionality (as far as can be determined from the provided data) appears to be intact.</p>	<p><b>Areas for Improvement</b></p> <p>The high number of accessibility and usability issues, compounded by performance and navigation bugs, creates a poor user experience.</p>
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## Quality Summary



**Detailed Analysis**

Diving into the specifics of the 'Testoworld' app's HOME page reveals a concerning number of issues. The presence of 'Invalid href passed to next/router' and 'Invalid href attributes in anchor tags' suggests underlying problems with the application's routing or link generation, potentially impacting navigation and SEO. Furthermore, the repeated 'Insufficient Color Contrast' reports highlight a significant accessibility flaw, rendering the app difficult to use for individuals with visual impairments. The 'Failed to load resource: net::ERR\_NAME\_NOT\_RESOLVED' error points to potential performance bottlenecks or server-side configuration issues, which could lead to a frustrating user experience. Lastly, seemingly minor details like 'Copyright Notice Inconsistency' and 'Overlapping Contact Icons' contribute to an overall impression of a rushed or inattentive development process.

**Key Suggestions**

- Conduct a thorough accessibility audit and address all WCAG violations.
- Implement automated UI testing to catch visual defects and navigation issues early in the development cycle.
- Optimize resource loading to improve page performance.
- Establish a style guide to ensure consistency in design elements and copywriting.

**Priority Improvements**

1. Fix all instances of insufficient color contrast, specifically on 'HVAC/R' and 'REFRIGERATION' buttons, using a WCAG-compliant color palette.
2. Implement proper alt text or ARIA labels for all image links in the 'DIRECT ENTRY: YOUR APPLICATION AREA' section to enhance accessibility.
3. Resolve the 'Invalid href passed to next/router' and 'Invalid href attributes in anchor tags' errors to ensure proper navigation.
4. Investigate and resolve the 'Failed to load resource: net::ERR\_NAME\_NOT\_RESOLVED' error to improve page load performance.
5. Restore the missing Main Navigation Bar to ensure usability.
6. Correct the 'Copyright Notice Inconsistency' for brand consistency.
7. Fix the 'Overlapping Contact Icons' for a better visual appeal.

## Issues Found by AI Testers

**HOME**

**Adeela**  
Mobile Responsive Tester

**Overlapping Contact Icons**

Priority: 8/10 Confidence: 9/10

Element Overlap Usability

**Why is this a bug?**

The orange contact icons (email, phone, chat) are overlapping other content on the mobile view (specifically, the 'Pharma' card), obscuring content and hindering usability. The overlap makes the icons difficult to interact with, and obstructs the underlying content.

**Suggested Fix**

Adjust the positioning or placement of the contact icons using CSS media queries to prevent overlap with other elements on smaller screens. Consider a different visual design for the icons on mobile to reduce their size or adjust their layout. The z-index property may be useful for handling layers, too.

**Why Fix This?**

Clear visibility and easy access to contact options enhance user experience and can increase conversions.

**Route To**

Frontend Engineer

**Jason**  
AI Tester

**Failed to load resource:**  
net::ERR\_NAME\_NOT\_RESOLVED

Priority: 5/10 Confidence: 7/10

network performance

**Why is this a bug?**

The 'net::ERR\_NAME\_NOT\_RESOLVED' error indicates a DNS resolution failure. This could mean the resource is unavailable, the domain name is incorrect, or there's a network connectivity issue. This results in broken functionality or missing content.

**Suggested Fix**

Investigate the URL of the failing resource to ensure it is correct and the server is online. Implement retry logic with exponential backoff to handle transient network issues. Add monitoring to detect widespread DNS resolution failures.

**Why Fix This?**

Ensures that all resources are loaded correctly, preventing broken functionality and improving the user experience. Addresses a potential point of failure in the application's network dependencies.

**Route To**

Backend Engineer / DevOps

**Adeela**  
Mobile Responsive Tester

**Main Navigation Bar Missing**

Priority: 7/10 Confidence: 9/10

Navigation

**Why is this a bug?**

The main navigation bar (Industries, Products, Services, Highlights, Company, Testo Web Shop, Contact) visible in the desktop view is completely replaced with a hamburger menu in the mobile view. While a hamburger menu is a common mobile pattern, its presence means the main navigation items are no longer immediately visible, impacting user experience and potentially discoverability of key site sections.

**Suggested Fix**

Consider a more visible mobile navigation solution. Explore options like a persistent bottom navigation bar, or a more prominent display of key navigation items within the hamburger menu. Ensure the menu is easily accessible and clearly indicates the available options.

**Why Fix This?**

Improved navigation enhances user experience and site usability.

**Route To**

Frontend Engineer

**Aisha**  
Tester for Missing Aspects

**Unclear link descriptions**

Priority: 7/10 Confidence: 8/10

Usability Accessibility

**Why is this a bug?**

Some links, especially those presented within navigational menus or buttons, have generic descriptions that don't provide sufficient context for users, especially those using screen readers. The links are not clear and descriptive. For example, multiple links with text 'Learn more'.

**Suggested Fix**

Make link descriptions more specific to their destinations. For instance, a 'Learn more' link should be updated to 'Learn more about HVAC/R measuring technology', or similar descriptive text.

**Why Fix This?**

Clear and descriptive link text enhances usability for all users and is crucial for accessibility, especially for screen reader users. Ambiguous links can lead to user frustration and navigation problems.

**Route To**

Frontend Engineer

**Alejandro**  
Accessibility Tester

**Low Contrast on 'text-warmGray-700' Links**

Priority: 7/10 Confidence: 7/10

WCAG Text Contrast

**Why is this a bug?**

Multiple links with the class 'text-warmGray-700' may not meet the minimum contrast ratio requirements against their background, making them difficult to read for users with low vision. This violates WCAG 1.4.3 Contrast (Minimum). The contrast ratio needs to be checked to ensure it meets the minimum requirement of 4.5:1 for normal text.

**Suggested Fix**

Adjust the text or background color of the 'text-warmGray-700' elements to ensure a contrast ratio of at least 4.5:1 for normal text and 3:1 for large text, as defined by WCAG 2.1 Level AA.

**Why Fix This?**

Ensuring sufficient contrast improves readability and accessibility for users with low vision.

**Route To**

Front-end Developer

## AI Generated Functional Test Results

**Start Page: HOME**

**Aiden**  
Demo\_Tests

✓ Search with a valid search string

This test verifies that the search functionality returns relevant results when a valid search string is entered. It checks if the system accurately identifies and displays items matching the search criteria.

**Long Flow: Click HVACR and then click Smart Pro Measuring program**

This test verifies a user's ability to navigate from the homepage, through the HVACR section, and then to the Smart Pro Measuring program page. It ensures that the links are functional and the user is directed to the correct destinations. This simulates a user's journey when exploring specific product categories and programs.

✓ Click HVACR Area Link

This test verifies that clicking the 'HVACR' link on the main page. It ensures the navigation works as expected and allows users to explore HVACR.

## User Persona Feedback Summary



### HOME

The website aims to showcase Testo's professional measurement technology, solutions, and services across various industries, encouraging visitors to explore their product offerings and engage with the company.

<p><b>Overall Score</b></p> <p>★★★★★</p> <p>The website provides a comprehensive overview of Testo's products and services, but the user experience could be improved with a more streamlined navigation and clearer calls to action. The technical information is valuable, but it should be balanced with more user-friendly explanations for those less familiar with the industry. Enhancing accessibility and offering more personalized content based on user roles would also improve the overall experience.</p>	<p><b>Visual Design</b></p> <p>★★★★★</p> <p>The visuals are professional, but the website could benefit from more dynamic elements and a more engaging layout to capture attention and guide users through the content.</p>	<p><b>Usability</b></p> <p>★★★★★</p> <p>The website offers a lot of information, but finding specific details can be challenging. Search functionality could be improved, and clear calls to action are needed to guide users through the website.</p>	<p><b>Content Quality</b></p> <p>★★★★★</p> <p>The content is comprehensive and provides valuable insights into Testo's products and services. However, it could be more accessible to a broader audience by using simpler language and focusing on the benefits for different user roles.</p>
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### Individual User Persona Feedback

**Ethan Hayes, 35**

Persona: Ethan is a HVAC/R technician with 10 years of experience. He works for a medium sized commercial building maintenance company. He is responsible for diagnosing, repairing, and maintaining HVAC/R systems.

**Overall Rating**

★★★★★

*As a HVAC/R tech, this site seems built just for me! So many different products and services. The testo Smart App seems very useful. I did not see other apps like it to help me, which is awesome.*

**Actions Performed**

- Browse HVAC/R measuring technology products
- Download the testo Smart App

**Suggestions**

- Add a user forum
- Include 3D model displays

**Maria Rodriguez, 28**

Persona: Maria works as a food safety inspector for a regional health department. She is responsible for ensuring that food establishments comply with safety regulations.

**Overall Rating**

★★★★★

*Oh my gosh, I am in love with this website! It has everything I need to ensure food safety. I am always looking for the next innovation and this website has it all!*

**Actions Performed**

- Browse food safety measuring instruments
- Download food safety resources

**Suggestions**

- Create a community forum
- Add more case studies