

# AI Test Results from testers.ai



The 'PA Vietnam' app's HOME page is plagued with a variety of issues that negatively impact its overall quality. Performance suffers due to DNS resolution failures and unnecessary HTTP to HTTPS redirects. Accessibility is a significant concern, highlighted by missing alt text for images (a basic requirement) and low contrast text, which make it difficult for users with visual impairments to navigate the content. Usability is further hampered by broken links and layout problems on mobile devices, making the app feel unfinished and unprofessional. Security should also be addressed given the potential use of an outdated Font Awesome library. These issues collectively contribute to a less-than-ideal user experience.

### Best Aspects

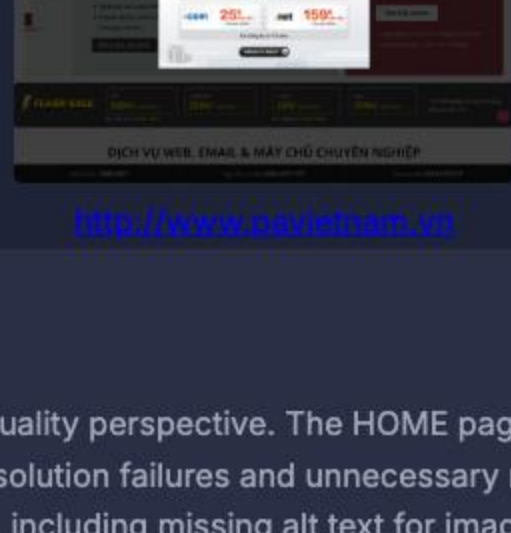
The app is functional, but I can't say anything positive because I don't have information other than the negatives.

### Areas for Improvement

The worst aspects are poor accessibility due to missing alt text and low contrast, performance issues stemming from DNS resolution failures, and potential security vulnerabilities from outdated libraries.

## Quality Summary

### HOME



View: [www.pavietnam.vn](#)

### Detailed Analysis

The 'PA Vietnam' app presents a mixed bag from a quality perspective. The HOME page, in particular, has a number of shortcomings that need attention. Performance issues, such as DNS resolution failures and unnecessary redirects, directly impact the user experience. The app also demonstrates significant accessibility gaps, including missing alt text for images (a basic requirement) and low contrast text, which make it difficult for users with visual impairments to navigate the content. Usability is further hampered by broken links and layout problems on mobile devices, making the app feel unfinished and unprofessional. Security should also be addressed given the potential use of an outdated Font Awesome library. These issues collectively contribute to a less-than-ideal user experience.

### Key Suggestions

- Prioritize addressing the DNS resolution failures to improve overall performance.
- Implement comprehensive accessibility checks to ensure compliance with WCAG guidelines.
- Conduct a thorough security audit to identify and remediate any vulnerabilities.
- Refactor the codebase to remove unnecessary HTTP to HTTPS redirects.
- Establish a process for regularly updating third-party libraries to mitigate security risks.
- Improve the mobile layout to provide a consistent user experience across devices.

### Priority Improvements

1. Implement robust DNS resolution caching mechanisms to mitigate DNS resolution failures and improve resource loading performance.
2. Add appropriate alt text to all images, including the logo, to ensure accessibility for users with visual impairments.
3. Resolve all broken links to ensure content navigability and usability.
4. Remove the unnecessary HTTP to HTTPS redirect or optimize it to minimize performance overhead.
5. Update the Font Awesome library to the latest version to address potential security vulnerabilities.
6. Implement responsive design principles to fix overlay size and positioning issues on mobile devices.
7. Increase text contrast to meet WCAG guidelines and improve readability for all users.

## Issues Found by AI Testers



### HOME

**Adeela**  
Mobile Responsive Tester

### Overlay Size and Positioning Issues on Mobile

Priority: 8/10 Confidence: 9/10

general layout

**Why is this a bug?**  
The overlay appears to maintain its size from the desktop version, resulting in it covering a significant portion of the screen in the mobile view. This makes it difficult to view the content behind the overlay and negatively impacts user experience. The mobile screenshot contains scroll bars, which is unusual in a modal.

**Suggested Fix**  
Implement responsive sizing and positioning for the overlay. Use media queries to adjust the overlay's dimensions and position based on screen size, ensuring it remains visually balanced and doesn't obscure essential content on smaller screens.

**Why Fix This?**  
The overlay's excessive size on mobile devices significantly degrades the user experience, making it difficult for users to interact with or view the underlying content.

**Route To**  
Frontend Engineer

**Abdul**  
Privacy and Security Tester

### Potential Use of Outdated Font Awesome Library

Priority: 7/10 Confidence: 8/10

OWASP  
Using Components with Known Vulnerabilities

**Why is this a bug?**  
The console log indicates a slow network impacting the loading of Font Awesome version 4.4.0 (https://www.pavietnam.vn/css/fonts/fontawesome.webfont.woff2?v=4.4.0). Font Awesome 4.4.0 is an older version and might contain known vulnerabilities. Using outdated components significantly increases the risk of exploitation.

**Suggested Fix**  
Upgrade Font Awesome to the latest stable version. Regularly update all third-party libraries to patch known vulnerabilities.

**Why Fix This?**  
Outdated libraries are a common attack vector. Updating Font Awesome mitigates the risk of attackers exploiting known vulnerabilities within the older version.

**Route To**  
Frontend Developer/Security Engineer

**Relevant Network Call**  
<https://www.pavietnam.vn/css/fonts/fontawesome.min.css?v=1.18.215>

**Sharon**  
API and Networking Tester

### Unnecessary HTTP to HTTPS Redirect

Priority: 7/10 Confidence: 8/10

general performance

**Why is this a bug?**  
The initial request is made over HTTP (http://www.pavietnam.vn/), which is then immediately redirected to HTTPS (https://www.pavietnam.vn/). This adds an extra round trip, increasing the initial page load time. While HTTPS is essential, forcing a redirect from HTTP introduces latency. Browsers now often try HTTPS first for known sites, so this redirect might be avoidable.

**Suggested Fix**  
Implement HTTP Strict Transport Security (HSTS) on the server. This informs the browser to always use HTTPS for the domain, eliminating the initial HTTP request and redirect for subsequent visits. Also, ensure that links within the site use HTTPS to avoid creating mixed content warnings and unnecessary redirects. Configure the server to listen only on HTTPS and remove the HTTP listener if HSTS is in place.

**Why Fix This?**  
Eliminating the HTTP to HTTPS redirect improves page load time, enhancing user experience and potentially improving SEO. It also reduces the risk of man-in-the-middle attacks during the initial HTTP request.

**Route To**  
DevOps Engineer/Backend Engineer

**Relevant Network Call**  
[http://www.pavietnam.vn/ \(redirects to\) https://www.pavietnam.vn/](http://www.pavietnam.vn/)

**Isabella**  
Usability Tester

### Missing Alt Text for Images

Priority: 7/10 Confidence: 9/10

WCAG accessibility

**Why is this a bug?**  
Images are missing alt text, making the page inaccessible to screen reader users. This violates WCAG 2.0 guideline 1.1.1 (Non-text Content).

**Suggested Fix**  
Add descriptive alt text to all images or, if an image is purely decorative, use CSS background images instead of <img> tags. Ensure alt text accurately conveys the purpose and content of the image.

**Why Fix This?**  
Ensures the page is accessible to users who rely on screen readers.

**Route To**  
Frontend Engineer

**Jason**  
AI Tester

### DNS Resolution Failure - Resource Loading Issues

Priority: 7/10 Confidence: 8/10

network performance content

**Why is this a bug?**  
The 'net::ERR\_NAME\_NOT\_RESOLVED' error indicates a failure to resolve the hostname of a resource, preventing the resource from loading. This directly impacts the webpage's ability to display content and function correctly.

**Suggested Fix**  
Investigate the DNS configuration for the domain serving the affected resources. Verify that the resources are available and accessible. Implement error handling to gracefully handle resource loading failures.

**Why Fix This?**  
Failure to load resources can lead to broken layouts, missing images, and non-functional components, resulting in a poor user experience and potentially impacting business metrics.

**Route To**  
Frontend Engineer, DevOps Engineer

## AI Generated Functional Test Results

Start Page: HOME



**Aiden**  
Demo\_Tests

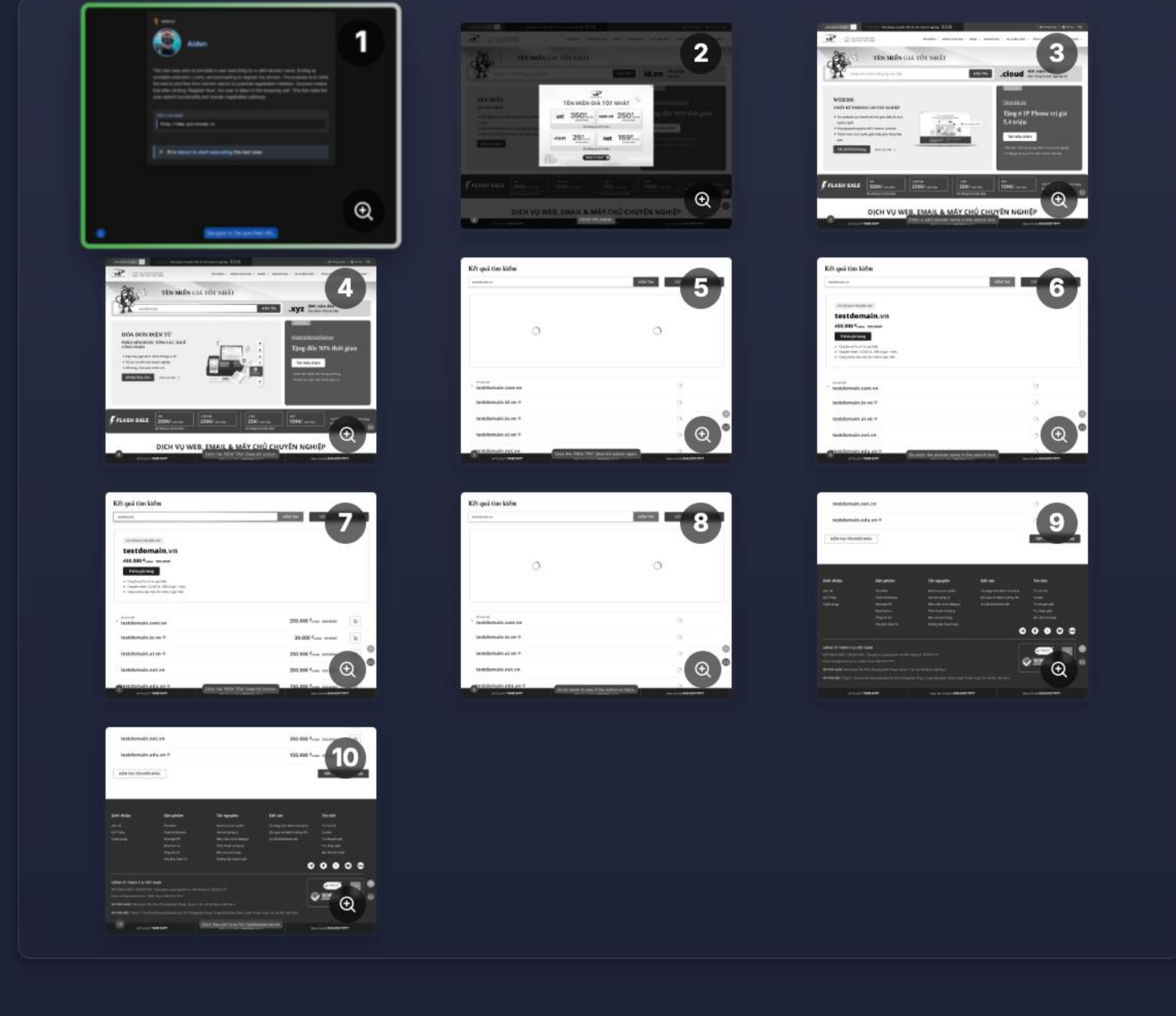
✔ Search for a Valid Domain Name

This test case verifies that the search functionality correctly handles a valid domain name and returns relevant results. It is important to ensure users can easily find information about available domains.



### Domain Search with Valid Domain and Available Extension then click Register Now

This test case aims to simulate a user flow for a valid domain name, finding an available extension (.com), and proceeding to register the domain. The purpose is to verify the end-to-end flow from domain search to potential registration invitation. Success means that after clicking 'Register Now', the user is taken to the shopping cart. This flow tests the core search functionality and domain registration pathway.



## User Persona Feedback Summary



### HOME

The webpage aims to promote and sell domain names, web hosting, email, marketing, SSL & security, and other digital solutions for businesses in Vietnam.

### Overall Score



The website offers a comprehensive suite of services, appealing design, and clear value propositions, but could benefit from improved usability, content organization, accessibility, and a stronger focus on competitive advantages.

### Visual Design



Visually appealing and modern, but the design feels somewhat generic.

### Usability



The site is generally easy to use, but the amount of information can be overwhelming. Improving the site's search functionality and content filtering would be helpful.

### Content Quality



Content is relevant and accurate, but it could be more concise and better organized. The website would benefit from a more targeted approach that addresses the needs of different types of businesses.

### Individual User Persona Feedback

**Linh Nguyen, 28**

Persona:Linh is a marketing manager at a growing e-commerce startup in Hanoi. She is responsible for managing the company's online presence and driving sales through digital channels. She is tech-savvy and always looking for innovative solutions to improve marketing performance.

**Overall Rating**  
★★★★☆

*"I find the website informative and visually appealing, but I wish the content was more concise and better organized. I'm looking for specific solutions for e-commerce marketing, and it's hard to find the right information quickly."*

**Actions Performed**

- Explore marketing solutions
- Check domain name availability

**Suggestions**

- Add a filtering option to narrow down marketing solutions by industry.
- Include detailed pricing information for each service.
- Showcase case studies and success stories with measurable results.

**David Tran, 45**

Persona:David is the owner of a small traditional retail business in Ho Chi Minh City. He is looking to establish an online presence to reach new customers and stay competitive. He is not very tech-savvy and needs a simple, affordable solution.

**Overall Rating**  
★★★★☆

*"The website offers many options, but it's overwhelming for someone like me who's not very tech-savvy. I need a simple solution to create a basic website without breaking the bank."*

**Actions Performed**

- Explore website design services
- Check domain name pricing

**Suggestions**

- Create a dedicated section for beginners with a step-by-step guide.
- Use simpler language and avoid technical jargon.
- Showcase examples of websites created for small retail businesses.

**Minh Nguyen, 35**

Persona:Minh is a seasoned IT consultant who advises large enterprises on digital transformation strategies. He's highly technical, constantly evaluates new technologies, and seeks robust, scalable solutions.

**Overall Rating**  
★★★★☆

*"The site provides a solid overview of the offerings, but I need to dig deeper into technical specifications and security certifications to recommend it confidently."*

**Actions Performed**

- Explore security and hosting options
- Review server features

**Suggestions**

- Provide detailed performance benchmarks and uptime guarantees.
- Highlight security certifications and compliance standards.
- Enable easier comparison of server configurations and pricing.

Print Report