

# AI Test Results from testers.ai



The 'Square' app, particularly its HOME page, exhibits several quality concerns. Security is a major red flag, with multiple CSP violations and unauthorized resource access attempts indicating potential vulnerabilities. Furthermore, accessibility problems such as missing alt text, color contrast issues, and navigation inaccessibility raise concerns about inclusivity. While the copyright year and large HTML payload point to less critical problems, they still contribute to a less-than-ideal user experience.

### Best Aspects

It's hard to say what the best aspect of the home page of the 'Square' app is, given the quality issues, and there's no user panel feedback to illuminate what a good aspect might be. That being said, presumably users are successfully using the app so core functionality must exist

### Areas for Improvement

The app's HOME page has severe security vulnerabilities, accessibility issues, and performance problems. The large number of security violations is particularly alarming.

## Quality Summary

### HOME

0.61 seconds



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

### Detailed Analysis

Analyzing the 'Square' app's HOME page reveals a landscape riddled with security and accessibility shortcomings. The presence of CSP violations ('Refused to execute inline script', 'Refused to compile or instantiate WebAssembly module due to 'unsafe-eval') and 'Failed to load resource: 401 (Unauthorized)' errors, collectively flag urgent security vulnerabilities that must be addressed immediately. These bugs indicate a need for tighter security protocols and potentially expose users to various threats. Accessibility falls short with 'Missing Alt Text for Images', 'Color Contrast Issues', 'Navigation Bar Inaccessibility', 'Missing ARIA Landmark for Main Navigation,' 'Inadequate color contrast in footer links' and 'HomeLink lacks descriptive text' all indicating WCAG violations, making the app less usable for individuals with disabilities. These issues, while potentially less critical than security breaches, significantly impact usability and adherence to accessibility standards. Performance wise, a 'Large Initial HTML Payload' can lead to slower loading times and degraded user experience, thus optimizing payload sizes can improve performance. 'Incorrect Copyright Year' doesn't impede functionality but affects overall trust and brand perception.

### Key Suggestions

- Conduct a thorough security audit to identify and fix all vulnerabilities.
- Implement a comprehensive accessibility testing and remediation plan.
- Optimize the initial HTML payload to reduce loading times.
- Establish coding guidelines to ensure consistent security and accessibility practices.

### Priority Improvements

1. Implement a robust Content Security Policy to prevent inline script execution and unsafe-eval, addressing the CSP violation bugs.
2. Investigate and resolve the 'Failed to load resource: 401 (Unauthorized)' errors, ensuring proper authentication and authorization mechanisms are in place.
3. Add descriptive alt text to all images to improve accessibility for visually impaired users.
4. Improve color contrast in the UI, especially in links and navigation elements, to meet WCAG guidelines.
5. Optimize the initial HTML payload to reduce loading times and improve performance.
6. Ensure proper ARIA landmarks are implemented for main navigation and other key page regions to enhance screen reader compatibility.

## Issues Found by AI Testers



### HOME



**Adeela**  
Mobile Responsive Tester

#### Navigation Bar Inaccessibility

Priority: 7/10 Confidence: 8/10

general WCAG

#### Why is this a bug?

The primary navigation links ('Business types', 'Products', 'Pricing', 'Sign In', 'Support', 'Cart') visible in the large browser view are completely absent in the iPhone view. Only a logo and a hamburger menu are visible. This makes it impossible for users on mobile devices to easily access the main sections of the site, which significantly impacts usability.

#### Suggested Fix

Ensure the hamburger menu is visually clear and provides access to all the navigation links present in the desktop version, or use a responsive menu pattern that maintains key links visible without relying solely on a hamburger menu.

#### Why Fix This?

Users cannot navigate to key sections of the website on mobile devices, impacting conversion and user satisfaction. It can also violate WCAG guidelines related to navigation accessibility.

#### Route To

Frontend Engineer



**Aisha**  
Tester for Missing Aspects

#### Missing ARIA Landmark for Main Navigation

Priority: 7/10 Confidence: 8/10

WCAG Accessibility

#### Why is this a bug?

The main navigation section (likely within the header) does not have a clear ARIA landmark role (e.g., role="navigation" or <nav>) associated with it. This makes it difficult for screen reader users to quickly identify and navigate to the main navigation of the page. WCAG 2.4.1 Bypass Blocks requires a mechanism to bypass blocks of content that are repeated on multiple pages, such as navigation menus.

#### Suggested Fix

Add an appropriate ARIA landmark role (e.g., role="navigation" or use the <nav> element) to the main navigation section to improve accessibility for screen reader users.

#### Why Fix This?

Ensuring screen reader users can quickly access the main navigation is crucial for usability and meeting WCAG 2.4.1.

#### Route To

Frontend Engineer



**Jason**  
AI Tester

#### CSP Violation: Refused to execute inline script

Priority: 7/10 Confidence: 8/10

security content

#### Why is this a bug?

The console log explicitly states that the execution of an inline script was refused due to a CSP directive. This indicates a configuration issue where the CSP is either too restrictive or the script needs to be loaded differently (e.g., as a separate file with appropriate CSP headers).

#### Suggested Fix

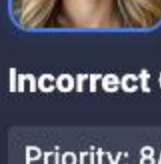
Review the Content Security Policy configuration and either allow inline scripts (if absolutely necessary and with proper security considerations like nonces) or, preferably, refactor the script to be loaded as an external resource. Verify the nonce value is correctly implemented and dynamically generated.

#### Why Fix This?

Failing to address this can lead to broken functionality and potential security vulnerabilities if the CSP is misconfigured or bypassed.

#### Route To

Security Engineer, Frontend Engineer



**Sophia**  
Content Tester

#### Incorrect Copyright Year

Priority: 8/10 Confidence: 9/10

general legal

#### Why is this a bug?

The copyright notice at the bottom of the page displays '© 2025 Block, Inc.', which is inconsistent with the information given of current year, 2025.

#### Suggested Fix

Verify that the copyright year is dynamically updated and reflects the current year (2025).

#### Why Fix This?

An incorrect copyright year can undermine the professionalism and credibility of the website and can have legal implications.

#### Route To

Frontend Engineer



**Jason**  
AI Tester

#### Failed to load resource: 401 (Unauthorized)

Priority: 7/10 Confidence: 8/10

network security

#### Why is this a bug?

The server is returning a 401 Unauthorized error. This indicates that the client does not have the necessary credentials or permissions to access the requested resource. Multiple occurrences suggest a systemic issue, not just a one-off event.

#### Suggested Fix

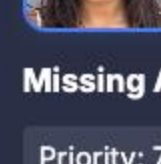
Investigate the authentication and authorization mechanisms for the failing resource. Ensure that the client is properly authenticated and has the necessary roles or permissions to access the resource. Check API keys and credentials.

#### Why Fix This?

Users will be unable to access necessary resources, leading to broken functionality and a poor user experience. It also poses a security risk if unauthorized access is being attempted.

#### Route To

Backend Engineer, Security Engineer



**Isabella**  
Usability Tester

#### Missing Alt Text for Images

Priority: 7/10 Confidence: 8/10

WCAG accessibility

#### Why is this a bug?

Many images on the page, particularly those used for logos of local businesses at the bottom, appear to be missing alternative text. This is a violation of WCAG guidelines (1.1.1 Non-text Content), making the content inaccessible to screen reader users. Without alt text, users cannot understand the purpose of the images.

#### Suggested Fix

Add descriptive and meaningful alt text to all non-decorative images. For decorative images, use an empty alt attribute (alt="") to signal to screen readers to ignore them.

#### Why Fix This?

Ensuring all images have proper alt text is crucial for accessibility and improves the experience for users with visual impairments.

#### Route To

Frontend Engineer

## AI Generated Functional Test Results

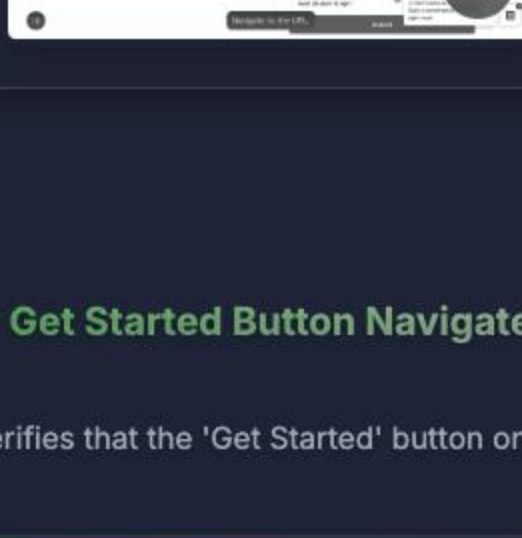
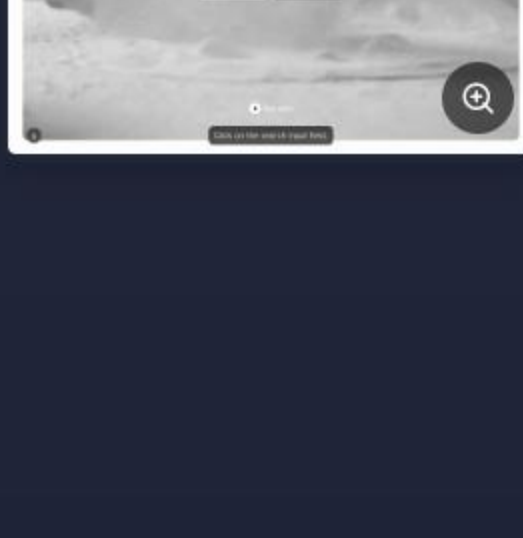
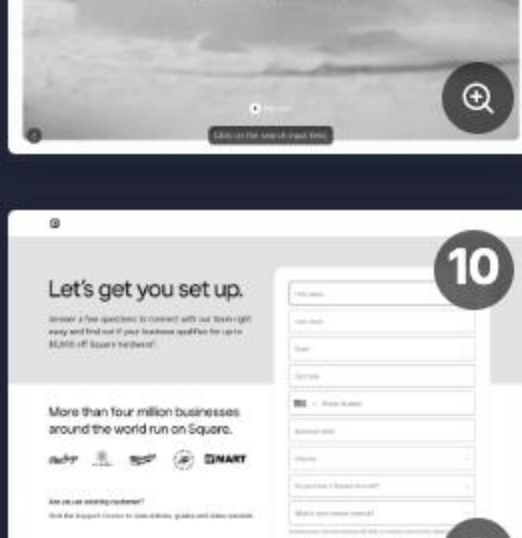
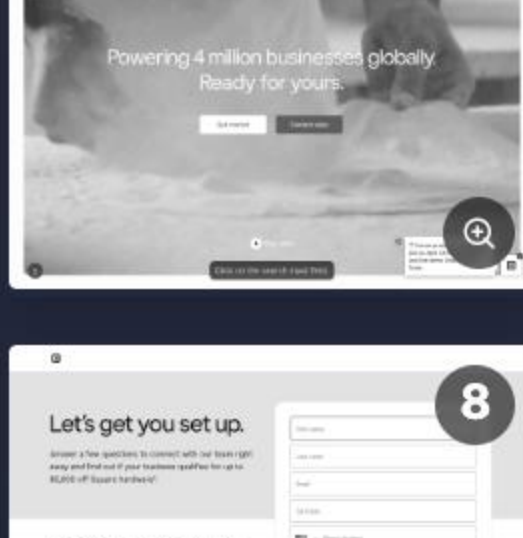
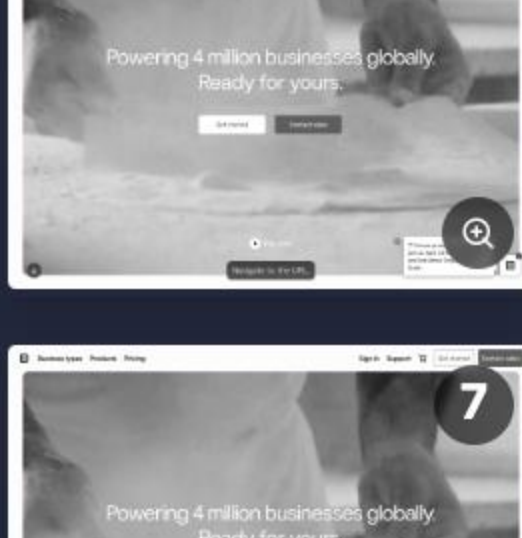
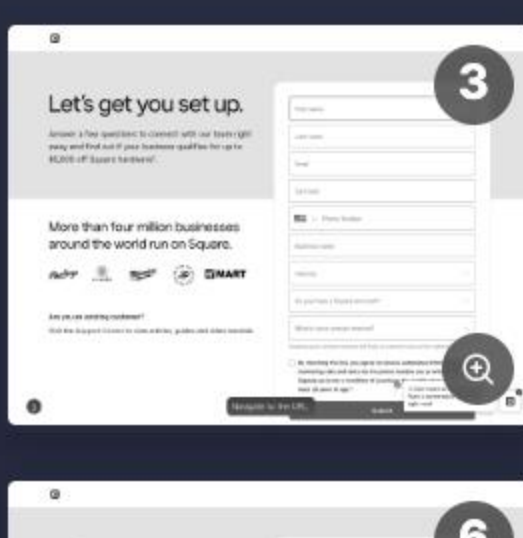
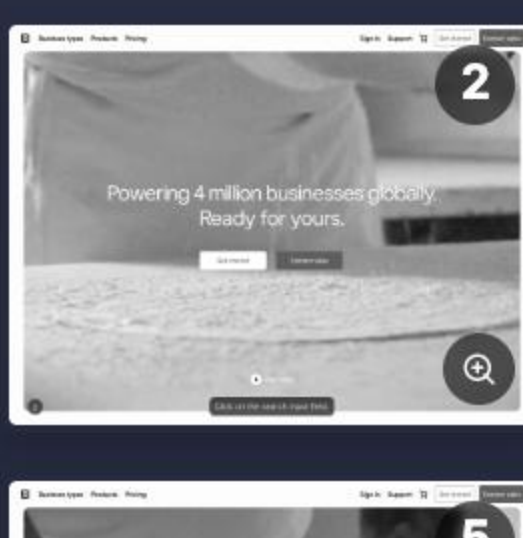
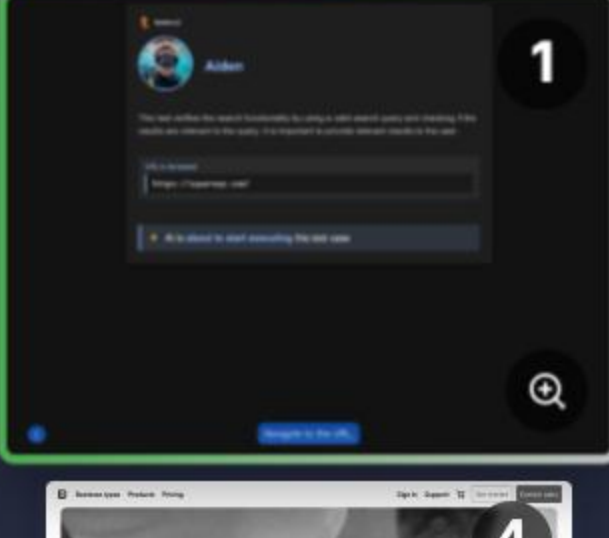
Start Page: HOME



**Aiden**  
Demo\_Tests

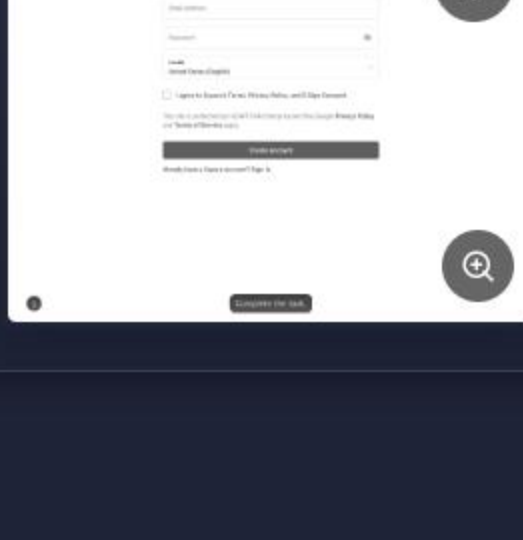
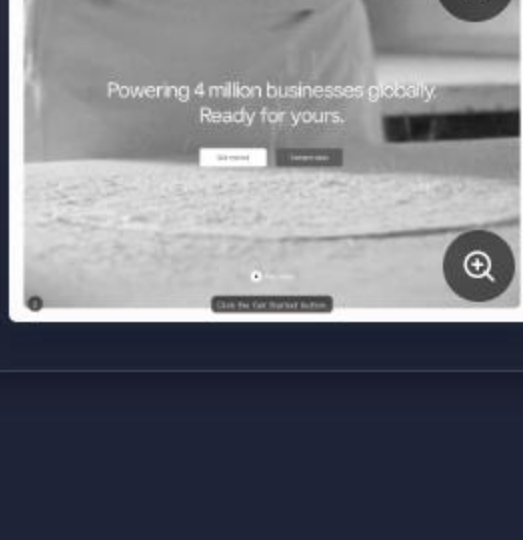
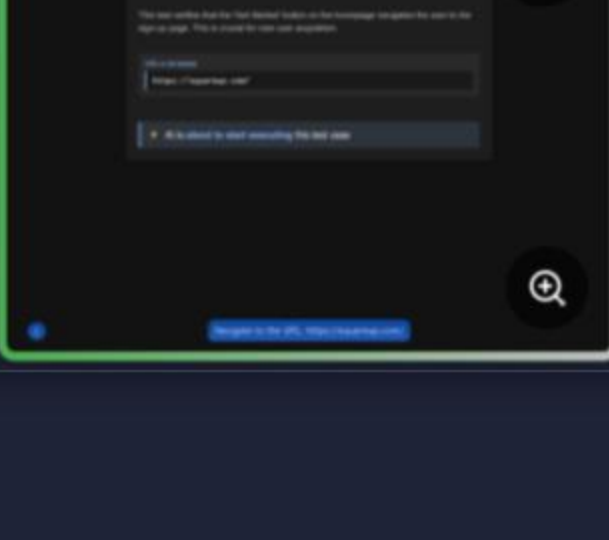
### Search with a valid query

This test verifies the search functionality by using a valid search query and checking if the results are relevant to the query. It is important to provide relevant results to the user.



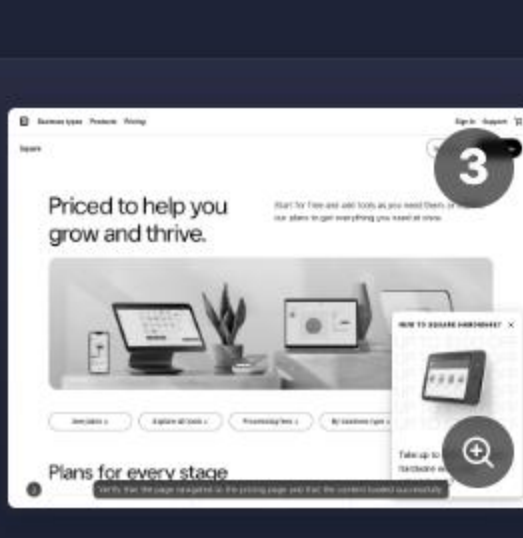
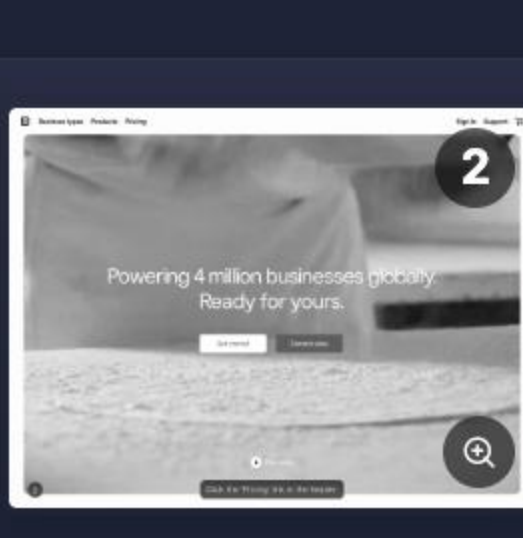
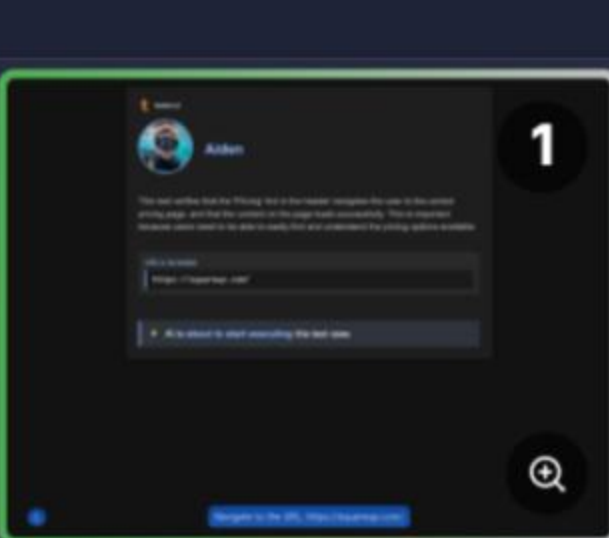
### ✓ Verify Get Started Button Navigates To Sign Up Page

This test verifies that the 'Get Started' button on the homepage navigates the user to the sign-up page. This is crucial for new user acquisition.



### ✓ Navigate to Pricing page and verify content

This test verifies that the 'Pricing' link in the header navigates the user to the correct pricing page, and that the content on the page loads successfully. This is important because users need to be able to easily find and understand the pricing options available.



## User Persona Feedback Summary



### HOME



To promote Square as a comprehensive business solution and encourage sign-ups or sales inquiries.

### Overall Score

★★★★★

The website is visually appealing and informative but could benefit from a more personalized experience based on user needs and industry.

### Visual Design

★★★★★

The visuals are great, but adding more diverse business types visually would strengthen the global message.

### Usability

★★★★★

The website is generally easy to use, but certain sections could be more intuitive, especially for first-time visitors.

### Content Quality

★★★★★

The content is informative and clearly explains Square's offerings, but lacks depth in specific areas.

### Individual User Persona Feedback



**Maria Rodriguez, 35**

Persona: Maria owns a small beauty salon in a bustling city. She has been in business for five years and is looking to streamline her operations and attract more customers.

#### Overall Rating

★★★★★

*The website has helpful information, but I wish it had more examples and case studies specific to beauty salons.*

#### Actions Performed

- Explore retail business solutions
- Investigate loyalty program options

#### Suggestions

- Create a dedicated section for beauty salons with relevant resources.
- Offer a free trial with personalized setup assistance.
- Add high contrast text.



**David Lee, 42**

Persona: David is a tech-savvy owner of a fast-casual restaurant chain. He's looking for a scalable payment solution to integrate with his existing online ordering system.

#### Overall Rating

★★★★★

*As a CTO, I think this website provides detailed content. I like its design and I can see Square working with my restaurants.*

#### Actions Performed

- Explore API documentation
- Investigate reporting and analytics capabilities

#### Suggestions

- Create a dedicated developer portal with comprehensive resources.
- Offer a sandbox environment for testing API integrations.
- Improve accessibility.

Print Report