

AI Test Results from testers.ai



The HOME page of the 'VTS' app presents a concerning picture of its overall quality. Multiple network-related bugs, including resource loading failures due to server restrictions and DNS resolution failures, point to significant performance and stability issues. Security vulnerabilities, such as the use of an outdated jQuery library with known risks and potential third-party tracking, raise serious concerns about user data protection. Furthermore, content issues like outdated news ticker information and missing alt text for logo images, affecting both user experience and accessibility. Finally, the unannounced opening of new tabs/windows violates WCAG guidelines and diminishes usability, demanding prompt remediation.

Best Aspects

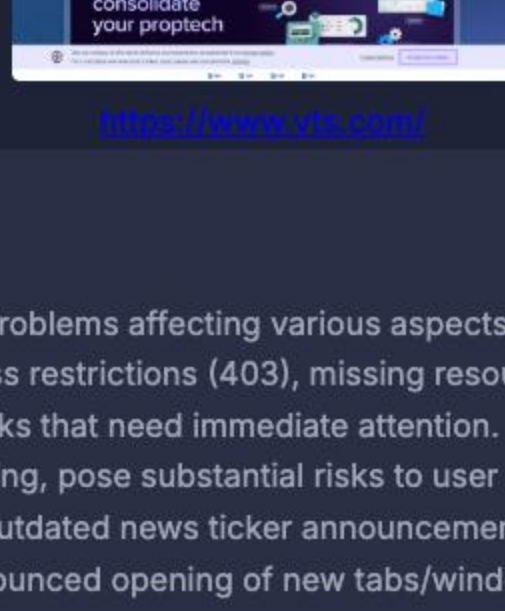
The app appears to attempt to provide useful information (news ticker), suggesting a focus on delivering content to users, even though that content is outdated.

Areas for Improvement

The HOME page suffers from a multitude of critical issues, including network failures, security vulnerabilities, outdated content, and accessibility shortcomings, indicating a lack of attention to fundamental quality attributes.

Quality Summary

HOME



Detailed Analysis

The 'VTS' app's HOME page reveals a multitude of problems affecting various aspects of quality. The prevalence of network errors, including failed resource loading due to server access restrictions (403), missing resources (404), and DNS resolution failures, indicates underlying infrastructure and performance bottlenecks that need immediate attention. Security vulnerabilities, like the use of an outdated jQuery Migrate library and potential third-party tracking, pose substantial risks to user data privacy and compliance with regulations such as GDPR. Content quality also suffers from issues like outdated news ticker announcements and missing alt text for logo images, affecting both user experience and accessibility. Finally, the unannounced opening of new tabs/windows violates WCAG guidelines and diminishes usability.

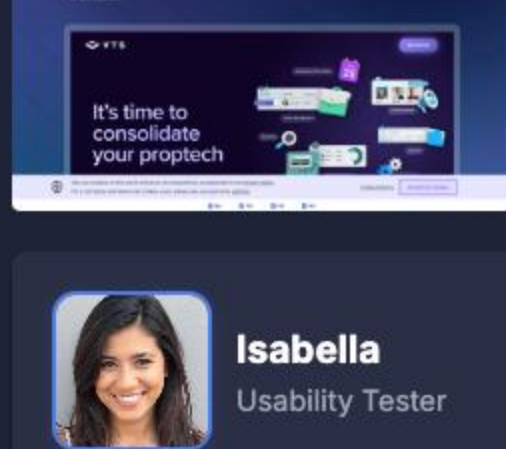
Key Suggestions

- Prioritize updating the outdated jQuery library to mitigate security vulnerabilities.
- Implement robust error handling to address network-related failures and improve performance.
- Establish a regular content update schedule to ensure the news ticker remains current and accurate.
- Address accessibility issues by adding alt text to images and clearly indicating links opening in new tabs.
- Conduct a thorough security audit to identify and remediate any other potential vulnerabilities.

Priority Improvements

1. Update the jQuery Migrate library to the latest secure version to address known vulnerabilities.
2. Implement robust error handling and retry mechanisms for resource loading to mitigate network-related failures.
3. Regularly update the news ticker content and ensure accuracy to maintain content quality.
4. Add appropriate alt text to all images, including the logo, to enhance accessibility.
5. Ensure all links opening in new tabs/windows are clearly announced to users to comply with WCAG guidelines.
6. Investigate and mitigate any potential third-party tracking scripts to enhance user privacy.
7. Resolve DNS resolution failures to improve network performance.

Issues Found by AI Testers



HOME

Isabella
Usability Tester

Outdated News Ticker Content
Priority: 8/10 Confidence: 9/10

general content

Why is this a bug?
The news ticker displays information from 2024, specifically referencing events and reports from Q3 2024, as well as the "Fall 2024 Product Release Page." Given the current date of 2025-04-12, this information is outdated and potentially misleading to users, as it may not accurately reflect the current state of the company or its products. The year displayed on the news ticker is 2024, leading the user to think that this company has not been posting new content.

Suggested Fix
Update the news ticker with current information. Alternatively, clearly label the news ticker as displaying archived content and provide a way to filter or search for more recent news.

Why Fix This?
Providing outdated information can erode user trust and lead to incorrect assumptions about the company and its products.

Route To
Frontend Developer

Abdul
Privacy and Security Tester

Outdated jQuery Migrate Library with Known Vulnerabilities
Priority: 7/10 Confidence: 8/10

OWASP

Using Components with Known Vulnerabilities

Why is this a bug?
The console logs indicate that jQuery Migrate version 3.4.1 is being used. This version has known security vulnerabilities. Using outdated libraries can expose the website to potential exploits, such as Cross-Site Scripting (XSS) or other malicious attacks.

Suggested Fix
Upgrade jQuery Migrate to the latest stable version to patch known vulnerabilities. Alternatively, if the features provided by jQuery Migrate are no longer needed, consider removing it entirely to reduce the attack surface.

Why Fix This?
Fixing this vulnerability prevents potential exploitation of known flaws in the outdated library, thereby enhancing the overall security and integrity of the website. Leaving this unaddressed poses a risk of attackers using these vulnerabilities to inject malicious scripts or gain unauthorized access.

Route To
Front-end engineer or security engineer

Jason
AI Tester

Failed resource loading due to missing resource (404)
Priority: 7/10 Confidence: 8/10

content network

Why is this a bug?
The '404 Not Found' error indicates that the server cannot find the requested resource. This suggests that the resource is either missing from the server or that the URL is incorrect.

Suggested Fix
Verify that the resource exists on the server and that the URL is correct. If the resource has been moved or renamed, update the URL accordingly. If the resource is no longer needed, remove the reference to it from the code.

Why Fix This?
Attempting to load non-existent resources can lead to broken functionality, poor user experience, and potentially security vulnerabilities.

Route To
Frontend Engineer/Backend Engineer

Jason
AI Tester

Failed resource loading due to server access restrictions (403)
Priority: 7/10 Confidence: 8/10

network security

Why is this a bug?
The '403 Forbidden' error indicates that the server is refusing to serve the requested resource to the client. This suggests that the client does not have the necessary permissions to access the resource, or that the server is misconfigured.

Suggested Fix
Verify that the server's access control rules are correctly configured and that the client has the necessary permissions to access the resource. If the resource is intended to be publicly accessible, ensure that there are no unintentional restrictions in place.

Why Fix This?
Preventing access to necessary resources due to 403 errors can severely impact functionality and user experience.

Route To
Backend Engineer/Security Engineer

Alejandro
Accessibility Tester

Unannounced new tab/window opening for links
Priority: 7/10 Confidence: 8/10

WCAG Links Accessibility

Why is this a bug?
Several links on the page, particularly in the news ticker at the top, open in a new tab or window without any visual or textual indication. This violates WCAG 3.2.2: On Focus, which states that changing the setting of any user interface component does not automatically cause a change of context unless the user has been advised of the behavior before using the component.

Suggested Fix
Add a visual cue (e.g., an external link icon) and/or an 'aria-label' attribute to links that open in a new tab/window. This will inform users of the expected behavior before they click the link.

Why Fix This?
Opening links in new tabs without warning can be disorienting for users, especially those with cognitive disabilities or using screen readers. It violates WCAG guidelines and creates a less predictable user experience.

Route To
Frontend Engineer

AI Generated Functional Test Results

Start Page: HOME



Aiden
Demo_Tests

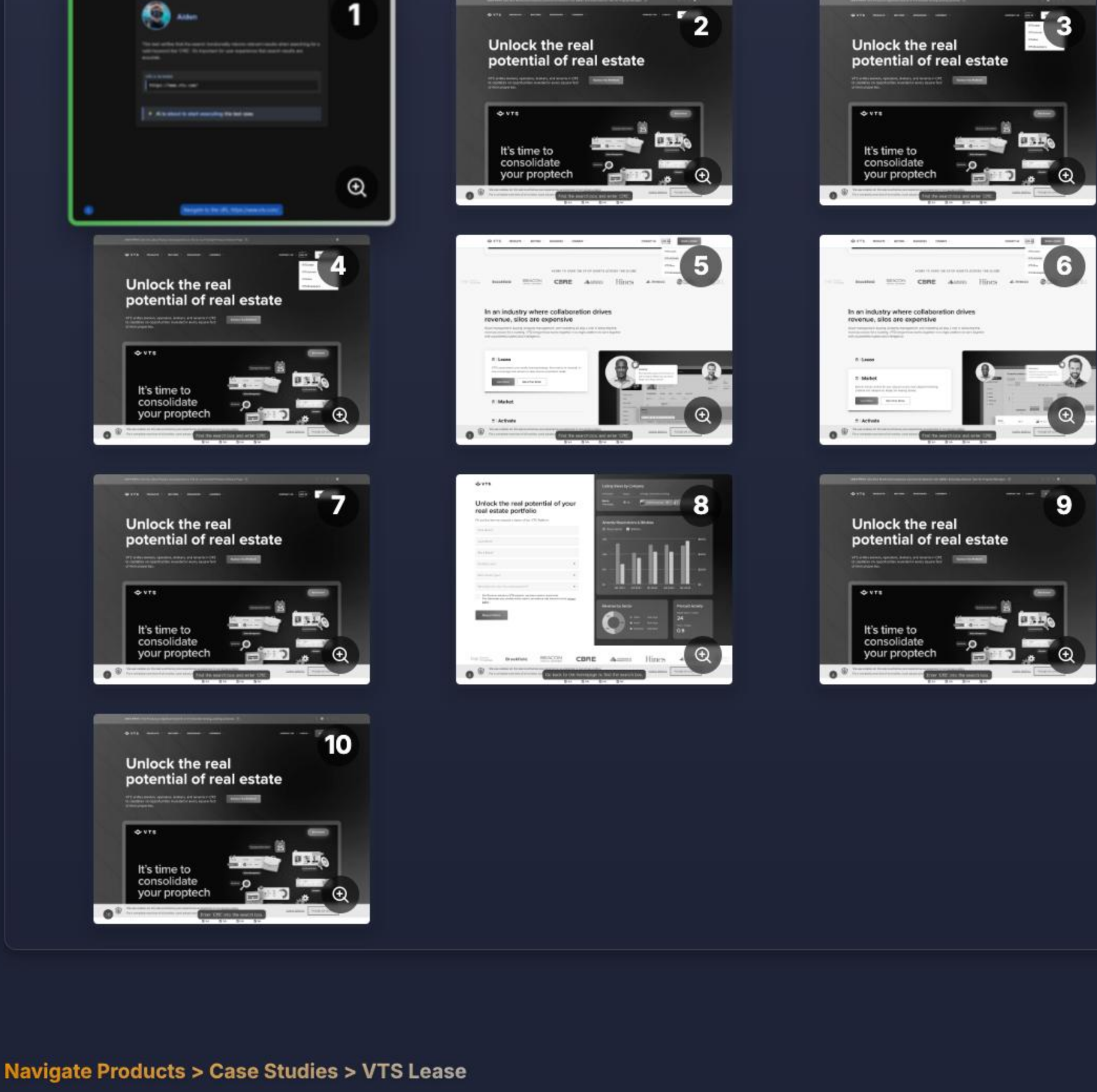
Click on each main menu item and verify title change

This test verifies that clicking on each main menu item (Products, Sectors, Resources, Company) changes the page title to reflect the new page. This ensures that the main navigation is functioning correctly and that the page titles are properly updated.



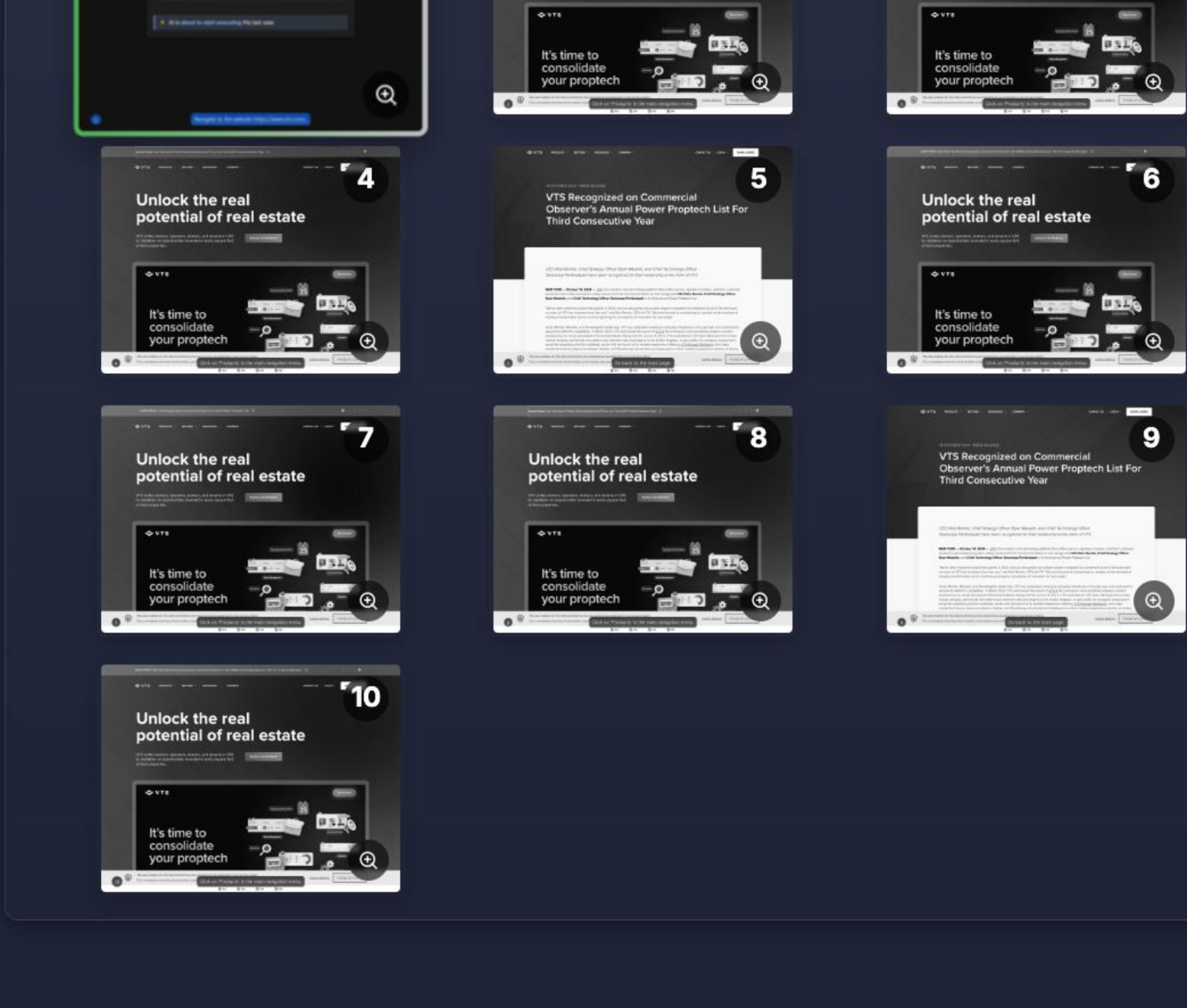
Search with Valid Query 'CRE'

This test verifies that the search functionality returns relevant results when searching for a valid keyword like 'CRE'. It's important for user experience that search results are accurate.



Navigate Products > Case Studies > VTS Lease

This test verifies the user can navigate through multiple levels of the website menu, specifically from the 'Products' dropdown to 'Case Studies' and then to the 'VTS Lease' page. This test case is crucial to ensure proper website navigation and that key sections are accessible and linked correctly.



User Persona Feedback Summary



HOME



The webpage aims to showcase VTS as a comprehensive platform for commercial real estate (CRE) that unifies owners, operators, brokers, and tenants to capitalize on opportunities within their properties.

Overall Score	Visual Design	Usability	Content Quality
★★★★☆	★★★★☆	★★★★☆	★★★★☆
The website is well-designed and informative, showcasing VTS's comprehensive platform for CRE. It effectively communicates its value proposition but could benefit from more detailed case studies and a clearer pricing structure.	The visuals are very appealing and contribute to the overall positive impression of the website. The use of white space and contrasting colors makes the content easy to read and digest.	The site is generally easy to navigate, but some users may find the amount of information overwhelming.	The content is informative and showcases the benefits of VTS, but it could be more specific and tailored to different user roles.

Individual User Persona Feedback

<p>Aisha Johnson, 35</p> <p>Persona:Aisha is a property manager with five years of experience. She's always looking for ways to improve tenant satisfaction and streamline operations.</p> <p>Overall Rating ★★★★☆</p> <p><i>The site is informative, but I'd like to see more details about how VTS Activate can improve tenant satisfaction and reduce administrative overhead.</i></p> <p>Actions Performed</p> <ul style="list-style-type: none"> • Explore VTS Activate • Request a demo <p>Suggestions</p> <ul style="list-style-type: none"> • Add a pricing page with different subscription options. • Include more case studies specific to property managers. • Provide a feature comparison chart to highlight VTS Activate's advantages. 	<p>Raj Patel, 48</p> <p>Persona:Raj is a seasoned commercial real estate investor with a portfolio of properties across the country. He's focused on maximizing ROI and staying ahead of market trends.</p> <p>Overall Rating ★★★★☆</p> <p><i>I'm impressed with the depth of data offered by VTS, but I'd like to see more information about its predictive capabilities and how it can improve my ROI.</i></p> <p>Actions Performed</p> <ul style="list-style-type: none"> • Explore VTS Data • Book a demo <p>Suggestions</p> <ul style="list-style-type: none"> • Include more detailed case studies showcasing ROI improvements. • Provide more information about the data methodology and sources. • Offer a feature comparison chart to highlight VTS Data's advantages. 	<p>Emily Carter, 28</p> <p>Persona:Emily is a marketing manager for a large commercial real estate firm. She's responsible for creating and executing digital marketing campaigns to attract new tenants.</p> <p>Overall Rating ★★★★☆</p> <p><i>VTS Market looks like it could really streamline our virtual content creation and distribution. The customer stories are compelling, but I'd like to see more specific examples of successful campaigns.</i></p> <p>Actions Performed</p> <ul style="list-style-type: none"> • Explore VTS Market • View customer stories <p>Suggestions</p> <ul style="list-style-type: none"> • Include more detailed examples of successful campaigns and ROI metrics. • Offer a free trial or demo to allow users to experience the platform firsthand.
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