

AI Test Results from testers.ai



The 'Roam' app's quality, specifically focusing on the homepage, presents a mixed bag. On one hand, there's a concerning volume of accessibility violations according to WCAG guidelines, such as missing alt text for images and app store badges, insufficient color contrast, and unclear link purposes. These issues hinder usability for individuals with disabilities. On the other hand, there's evidence of performance concerns related to repeated 'http_post_session_empty' messages, which could point to backend inefficiencies. A potential CSRF vulnerability in the 'Sign Up' button raises security red flags. Moreover, a lack of clear data retention policy information introduces GDPR compliance risks. The asterisk on the free trial is another usability issue.

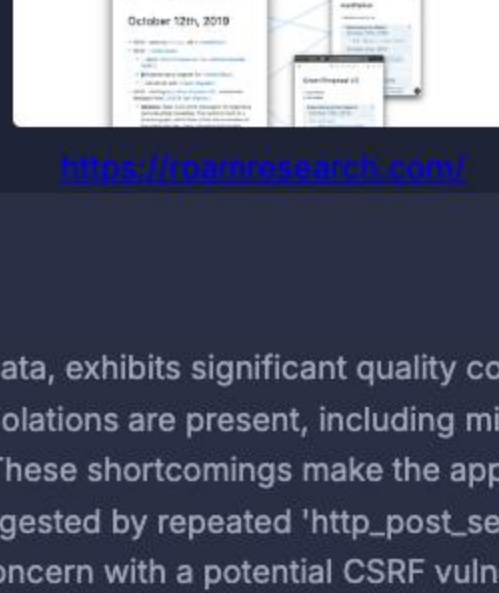
Best Aspects

No positive aspects readily apparent from the provided data.

Areas for Improvement

The prevalence of accessibility violations, a potential CSRF vulnerability, and unclear data retention policies are major weaknesses.

Quality Summary



www.roamresearch.com

Detailed Analysis

The 'Roam' app, based on the analyzed homepage data, exhibits significant quality concerns that need addressing. A primary area of concern lies in accessibility, where multiple WCAG violations are present, including missing alt text for images and app store badges, insufficient color contrast, and ambiguous link text. These shortcomings make the app less usable for individuals with disabilities, impacting inclusivity. Furthermore, performance issues are suggested by repeated 'http_post_session_empty' messages, potentially indicating inefficiencies on the backend. Security also raises concern with a potential CSRF vulnerability in the 'Sign Up' button. Data privacy practices need clarification, with a lack of a readily available data retention policy. Usability could be improved by explaining the asterisk associated with the 'Free Trial!' offer. A broken macOS download link represents a functional defect. Addressing these concerns is essential to improve overall app quality and ensure a positive user experience.

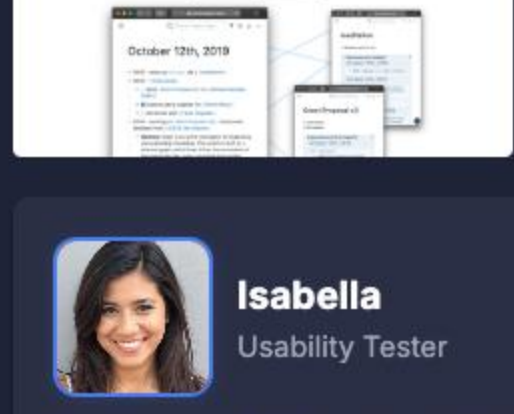
Key Suggestions

- Prioritize fixing accessibility issues to comply with WCAG guidelines.
- Implement robust security measures to address the CSRF vulnerability.
- Provide a clear and easily accessible data retention policy to comply with GDPR.
- Investigate and resolve the performance concerns indicated by the 'http_post_session_empty' messages.
- Conduct thorough accessibility audits to identify and rectify similar issues across the entire application.

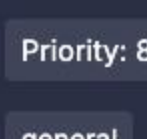
Priority Improvements

1. Implement CSRF protection measures on the 'Sign Up' button to mitigate potential vulnerabilities, and use automated tools like OWASP ZAP to identify other potential vulnerabilities.
2. Add descriptive alt text to all images and mobile app store badges on the homepage to enhance accessibility. Use tools like Accessibility Insights to automate this process and ensure the alt text is descriptive.
3. Ensure sufficient color contrast between text and background elements to meet WCAG guidelines. Use the 'Colour Contrast Analyser' tool to verify contrast ratios.
4. Implement a clear and easily accessible data retention policy on the homepage to address GDPR compliance requirements.
5. Investigate and resolve the 'http_post_session_empty' messages to improve backend performance, using performance profilers to pinpoint the root cause of these messages.
6. Provide a clear explanation for the asterisk associated with the 'Free Trial!' offer.
7. Fix the broken macOS download link.

Issues Found by AI Testers



HOME



Isabella
Usability Tester

Broken macOS Download Link

Priority: 8/10 Confidence: 9/10

general

Why is this a bug?

The link for downloading the macOS desktop app is broken. When clicked, it does not initiate the download. The link is 'https://roam-electron-deploy.s3-accelerate.amazonaws.com/Roam+Research-0.0.25-arm64.dmg'.

Suggested Fix

Verify the S3 bucket's availability and ensure the file is accessible. Update the link if the file has been moved or renamed.

Why Fix This?

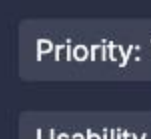
This prevents users on macOS from downloading the desktop application, impacting their ability to use the software.

Route To

Backend/DevOps Engineer

Relevant Network Call

A network request to 'https://roam-electron-deploy.s3-accelerate.amazonaws.com/Roam+Research-0.0.25-arm64.dmg' results in a failure (e.g., 404 Not Found, or connection error).



Aisha
Tester for Missing Aspects

Free Trial Asterisk Lacks Explanation

Priority: 7/10 Confidence: 8/10

Usability Content

Why is this a bug?

The 'Start Free Trial *' button has an asterisk, but there's no immediately visible explanation of what the asterisk signifies directly near the button. While the text 'You'll be charged after 31 days * Trial only valid if you've never had a plan' exists below, it's not directly associated with the button itself, leading to potential confusion. Users may wonder what the asterisk refers to before clicking. The location is not very good.

Suggested Fix

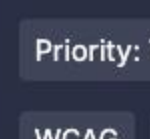
Add a tooltip or a small, unobtrusive text element directly next to the button clarifying the asterisk. For example, 'Start Free Trial*' (*Trial only valid if you've never had a plan. Charged after 31 days) Or add a visual connection between the asterisk and the explanation.

Why Fix This?

Enhances user experience by providing immediate clarity about the terms of the free trial, reducing uncertainty and improving conversion.

Route To

Frontend Engineer, UX Writer



Alejandro
Accessibility Tester

Missing Language Attribute

Priority: 7/10 Confidence: 8/10

WCAG Language Specification

Why is this a bug?

The page lacks a language attribute (lang) on the <html> tag. This is a fundamental accessibility requirement that allows screen readers to pronounce text correctly.

Suggested Fix

Add the 'lang' attribute to the <html> tag, specifying the primary language of the page content (e.g., <html lang="en">).

Why Fix This?

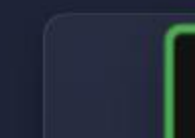
Ensures correct pronunciation and interpretation of content by screen readers, a core accessibility principle.

Route To

Backend/DevOps Engineer

AI Generated Functional Test Results

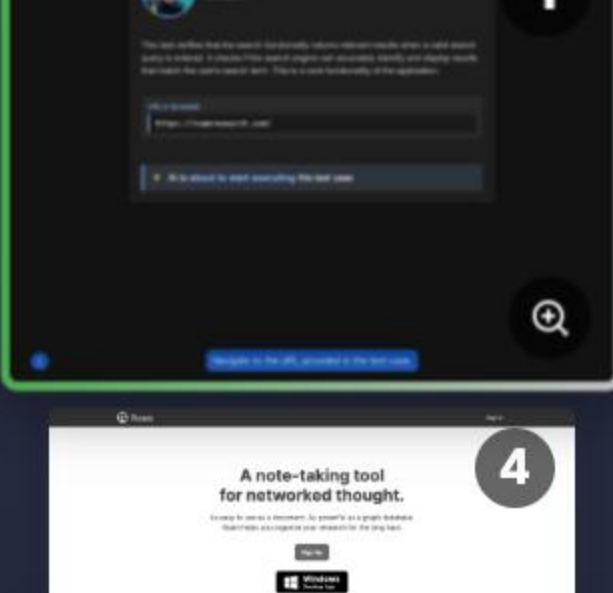
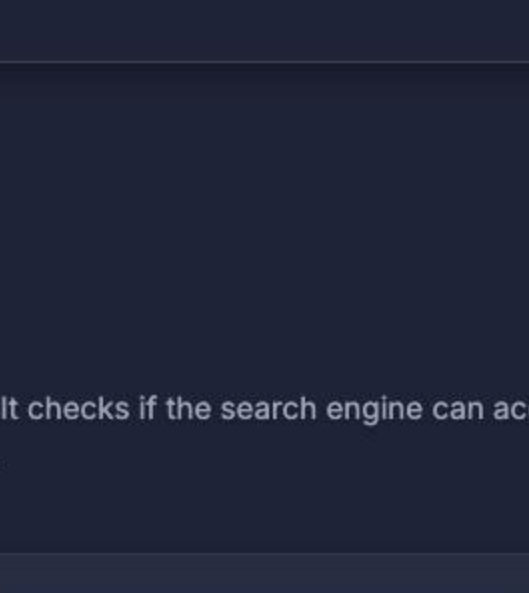
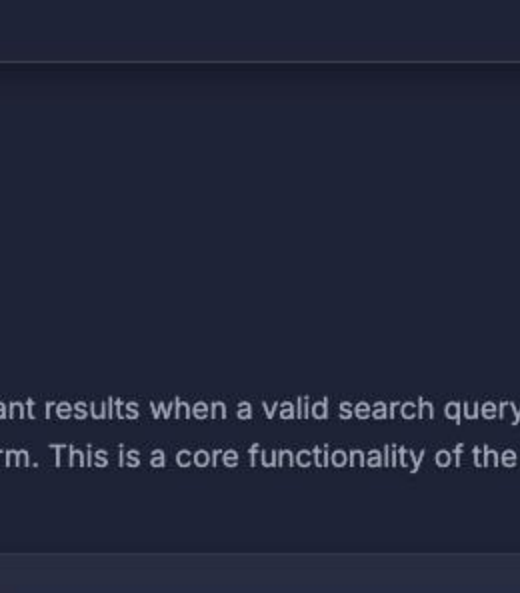
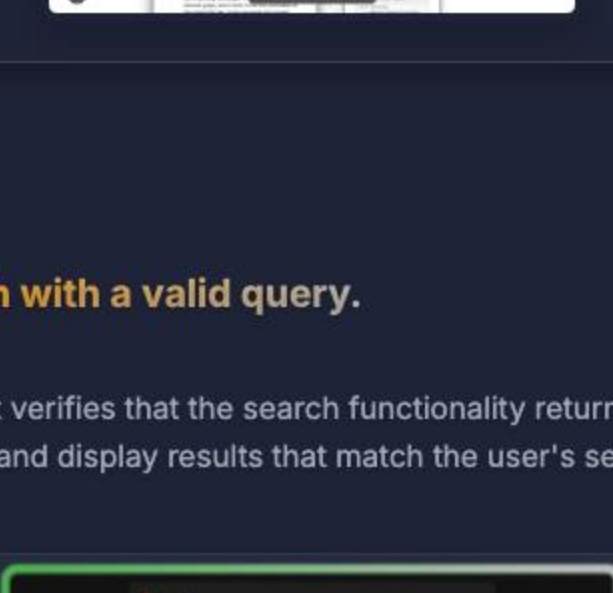
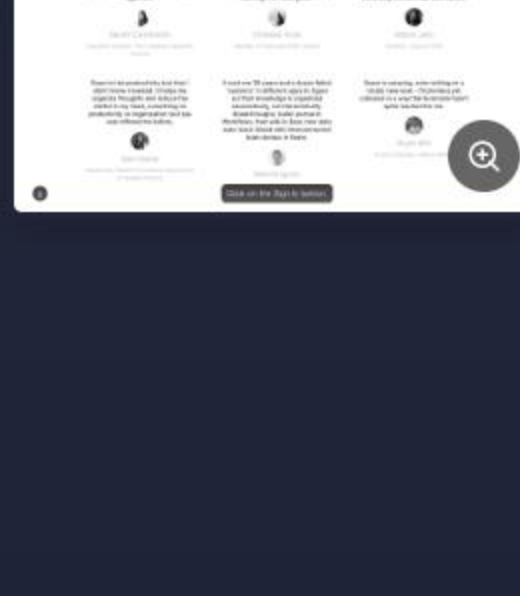
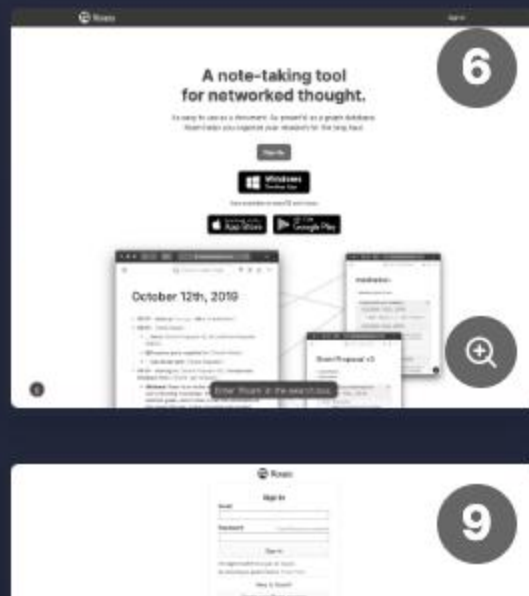
Start Page: HOME



Aiden
Demo_Tests

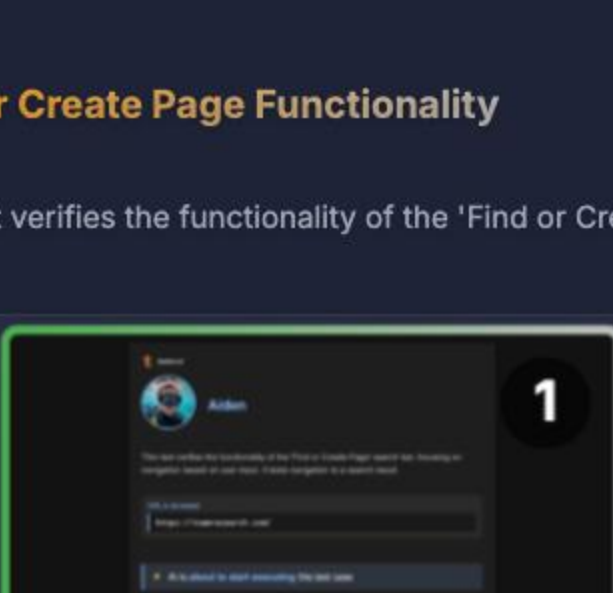
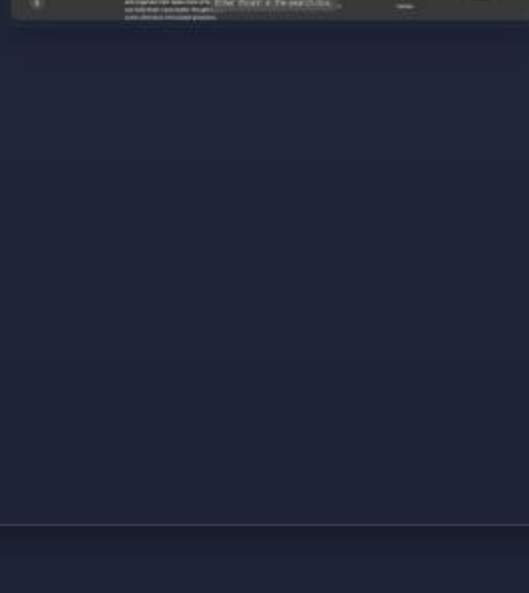
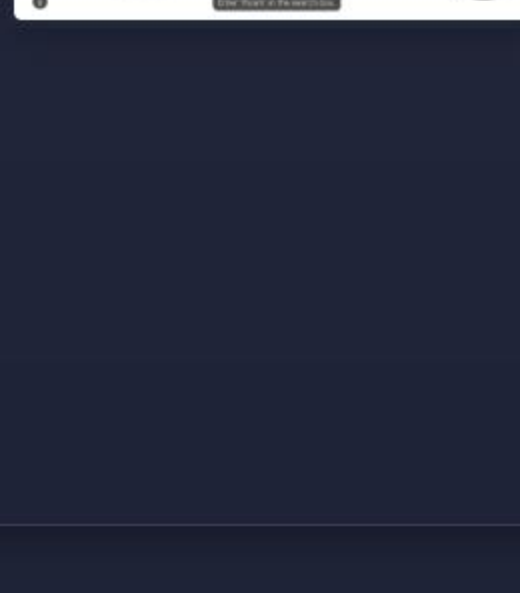
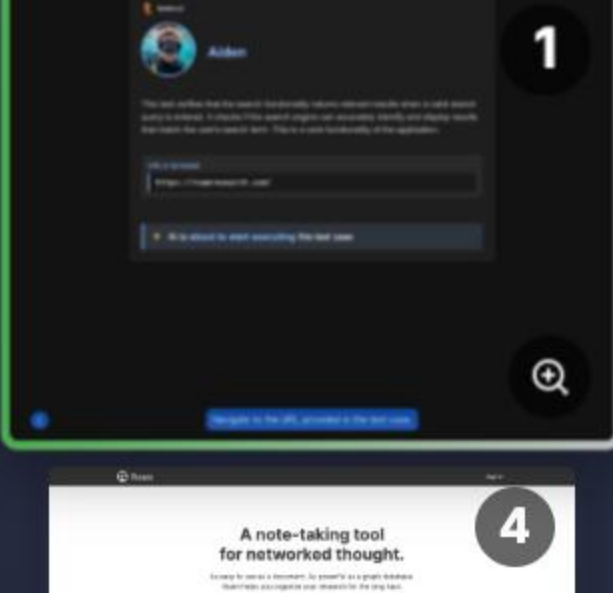
Search and delete the search string.

This test verifies the search input remains functional after entering a query, then deleting it to attempt to start a new search, to ensure the input remains functional.



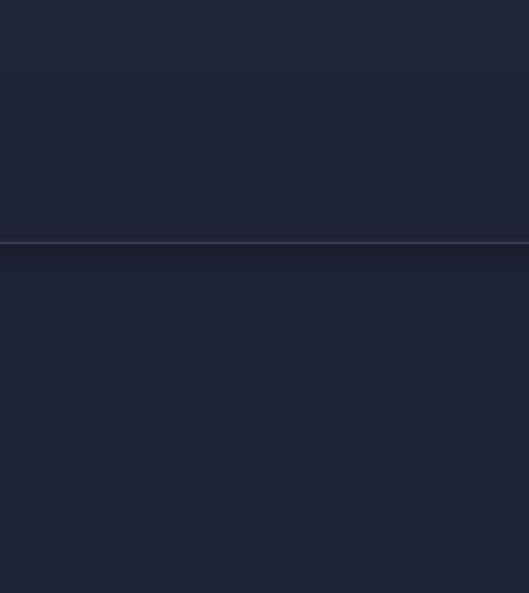
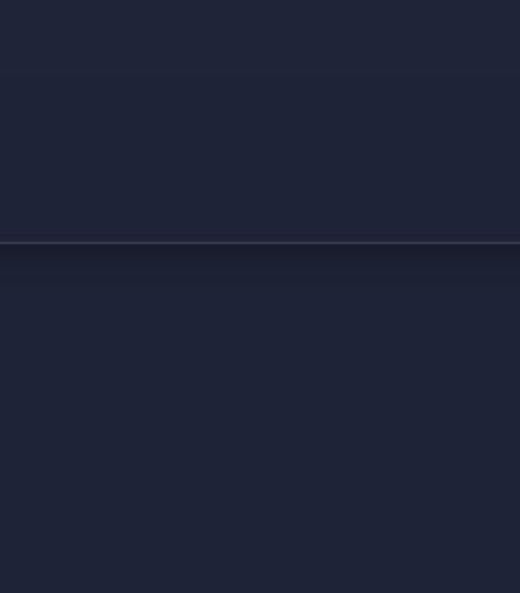
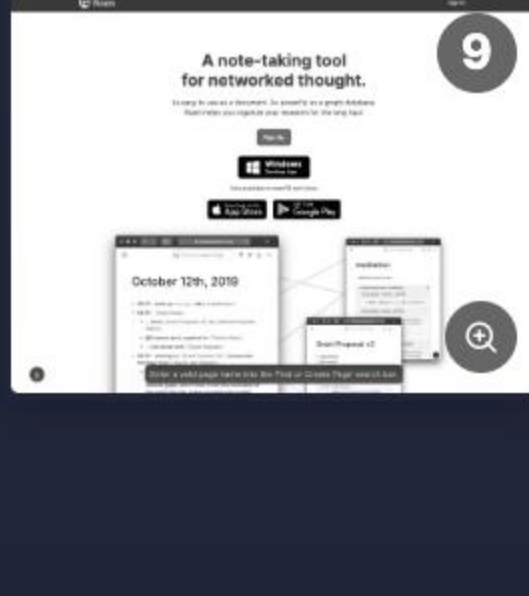
Search with a valid query.

This test verifies that the search functionality returns relevant results when a valid search query is entered. It checks if the search engine can accurately identify and display results that match the user's search term. This is a core functionality of the application.



Find or Create Page Functionality

This test verifies the functionality of the 'Find or Create Page' search bar, focusing on navigation based on user input. It tests navigation to a search result.



User Persona Feedback Summary



HOME



The webpage aims to introduce and promote Roam Research, a note-taking tool designed for networked thought and long-term research organization.

Overall Score



Roam Research's landing page is well-structured and presents a compelling value proposition. The testimonials and list of reputable organizations using the tool build trust, and the pricing options offer flexibility. However, providing more detailed examples of how Roam works in different contexts could enhance its appeal to a broader audience.

Visual Design



The screenshots could be clearer and better showcase the features.

Usability



The site is easy to navigate and understand. The sign-up and sign-in buttons are clearly visible, and the pricing options are straightforward. However, a more interactive demo or tutorial could improve the onboarding experience for new users.

Content Quality



The content is concise and informative, highlighting the key benefits of Roam Research. The testimonials and list of trusted organizations build credibility. However, the webpage could benefit from more detailed explanations of how Roam's features address specific user needs and pain points.

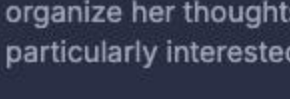
Individual User Persona Feedback



Alice Johnson, 28

Persona:Alice is a PhD student in history, working on her dissertation. She spends a lot of time researching and writing, and she needs a tool to help her organize her thoughts and sources. She is proficient with tech, but not particularly interested in using software that is obtuse.

Overall Rating



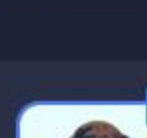
This looks promising. It seems like a tool that could help me visualize my research and make connections between different sources. I'm particularly interested in the 'networked thought' aspect. I need a long-term tool to keep my sources for years.

Actions Performed

- Sign up for a free trial
- Explore the demo videos

Suggestions

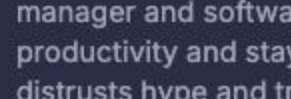
- Add case studies or user stories from researchers in different fields.
- Create a short video that shows how Roam can be used for dissertation writing.
- Offer a free webinar or workshop to teach users how to get started with Roam.



David Chen, 45

Persona:David is a software engineer who is also a patented technologist. He is very experience, very busy and very opinionated. David is a project manager and software architect. He's looking for a way to improve his productivity and stay organized in his fast-paced work environment. David distrusts hype and trends.

Overall Rating



I'm skeptical. This sounds like another overhyped productivity tool that promises the world but doesn't deliver. I'll need to see some concrete evidence that this is actually useful before I invest any time or money.

Actions Performed

- Read the white paper
- Browse the pricing options

Suggestions

- Provide case studies or user stories that demonstrate the practical benefits of Roam.
- Partner with independent reviewers to get unbiased feedback.
- Create a developer portal with detailed documentation and examples of API usage.
- Highlight the unique features and benefits of Roam in a clear and concise way.

Print Report