

AI Test Results from testers.ai

B-

The Mozilla app's HOME page demonstrates potential weaknesses in security due to Content Security Policy violations allowing image loading from untrusted sources like checkie.ai. There are significant accessibility concerns with missing alt text for images and color contrast problems and 'Try Solo AI' banner contrast. Usability suffers with a Navigation Menu Abstraction to 'Menu' Button. There are many accessibility and usability issues.

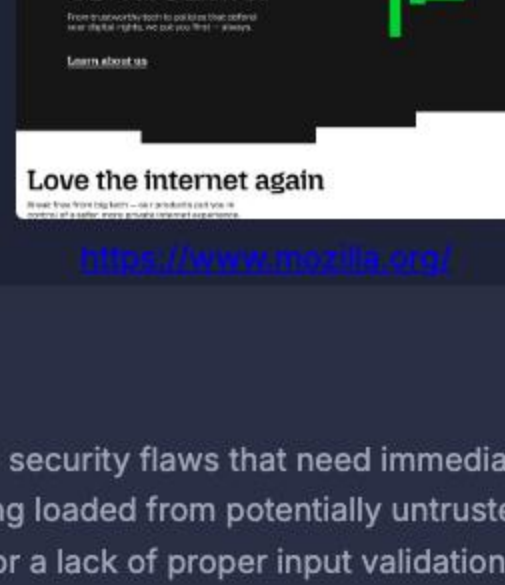
Best Aspects

The app has the core functionality of a browser and does not have any Stability or Interoperability concerns based on the bug data. The app shows high performance and content volume.

Areas for Improvement

The app's HOME page shows critical Security and Accessibility violations. Numerous issues indicate insufficient security and accessibility testing practices.

Quality Summary



Detailed Analysis

The Mozilla app's HOME page exhibits some serious security flaws that need immediate attention, namely the multiple Content Security Policy (CSP) violations. The fact that images are being loaded from potentially untrusted sources like checkie.ai, and that these are triggering CSP blocks, suggests a misconfiguration or a lack of proper input validation, which is critical. Aside from the security vulnerabilities, there is a long list of accessibility problems that may prevent some users from using the app effectively. In particular, the lack of alt text for images, multiple contrast issues, and missing ARIA labels make the app less inclusive. Moreover, the usability suffers from some general issues with the logo display on mobile and the Navigation Menu abstraction that appears to create usability issues.

Key Suggestions

- Conduct thorough security audits, focusing on Content Security Policy configurations.
- Implement automated accessibility testing as part of the development pipeline.
- Establish clear guidelines and training for developers on WCAG compliance.
- Prioritize resolving Content Security Policy violations to mitigate security risks.
- Conduct user testing with people with disabilities to get more accessibility feedback.

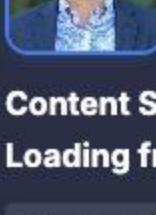
Priority Improvements

- Implement and enforce a strict Content Security Policy to prevent loading resources from untrusted sources.
- Add descriptive alt text to all images to improve accessibility for users with visual impairments.
- Increase the color contrast of text elements, especially on the 'Try Solo AI' banner, to meet WCAG guidelines.
- Provide ARIA labels for interactive elements like the 'Pause animation' button to enhance screen reader compatibility.
- Correct the logo display issue on mobile devices to ensure visual consistency.
- Fix the truncation of the green Mozilla logo at the bottom right corner to maintain the visual layout.

Issues Found by AI Testers



HOME



Jason
AI Tester

Content Security Policy Violation - Image Loading from checkie.ai

Priority: 7/10 Confidence: 9/10

security content

Why is this a bug?

The console log clearly shows that images from 'checkie.ai' are being blocked due to CSP violations. The 'img-src' directive does not include 'checkie.ai', causing the browser to refuse loading the images. This results in broken images or missing content on the webpage. The 'Report Only' messages also indicate that the CSP is misconfigured.

Suggested Fix

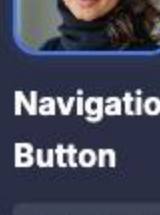
Update the Content Security Policy to include 'checkie.ai' in the 'img-src' directive. Specifically, add 'checkie.ai' or '*.checkie.ai' to the allowed sources for images. Alternatively, move the images to a domain already included in the CSP, such as 'images.cffassets.net'.

Why Fix This?

Fixing the CSP violation will allow the images to load correctly, improving the user experience and ensuring that all intended content is displayed. It also resolves the security warnings, preventing potential future issues related to content loading.

Route To

Security Engineer, Frontend Engineer



Adeela
Mobile Responsive Tester

Navigation Menu Abstraction to 'Menu' Button

Priority: 7/10 Confidence: 8/10

general Usability

Why is this a bug?

The desktop view displays explicit navigation links ('Firefox browsers', 'Products', 'About us'). The mobile view replaces these with a single 'Menu' button. This abstraction, while common, can hide navigation options from the user and increase the effort to navigate the site.

Suggested Fix

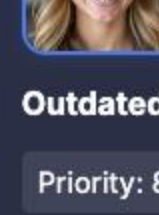
Consider using a more descriptive icon alongside the 'Menu' text (e.g., a hamburger icon) to improve its recognizability. Explore alternative mobile navigation patterns that expose key navigation items directly.

Why Fix This?

Hiding navigation items behind a generic 'Menu' button reduces discoverability and increases the number of interactions needed to reach desired content. The user may not be able to figure out how to navigate the site.

Route To

Front-end Engineer



Sophia
Content Tester

Outdated Copyright Year

Priority: 8/10 Confidence: 9/10

general

Why is this a bug?

The copyright notice at the bottom of the page states '©1998-2025 by individual mozilla.org contributors.' while it should be '©1998-2025', failing to reflect the current year.

Suggested Fix

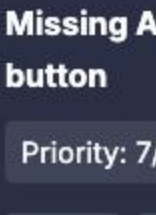
Update the copyright year in the footer to reflect the current year (2025).

Why Fix This?

Maintaining an accurate copyright notice is essential for legal compliance and helps protect Mozilla's intellectual property.

Route To

Front-end Developer



Aisha
Tester for Missing Aspects

Missing ARIA label for 'Pause animation' button

Priority: 7/10 Confidence: 9/10

WCAG Accessibility

Why is this a bug?

The 'Pause animation' button lacks an ARIA label or accessible name. Screen reader users will not understand the button's purpose. This violates WCAG 2.4.4 Link Purpose (In Context).

Suggested Fix

Add an aria-label attribute to the 'Pause animation' button. The aria-label should clearly describe the button's function, e.g., 'aria-label="Pause rotating animation".'

Why Fix This?

Ensuring screen reader users understand the functionality of the animation controls.

Route To

Frontend Engineer

AI Generated Functional Test Results

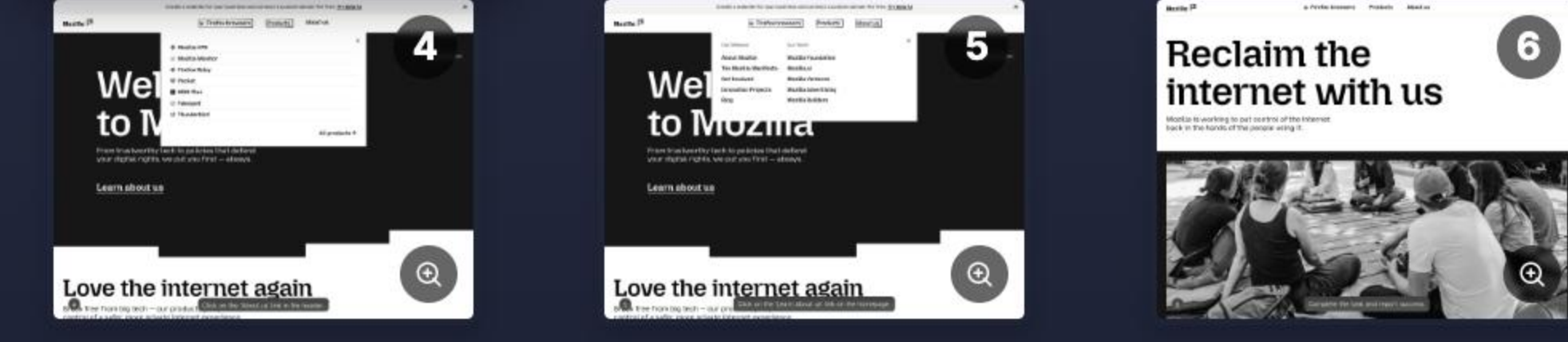
Start Page: HOME



Aiden
Demo_Tests

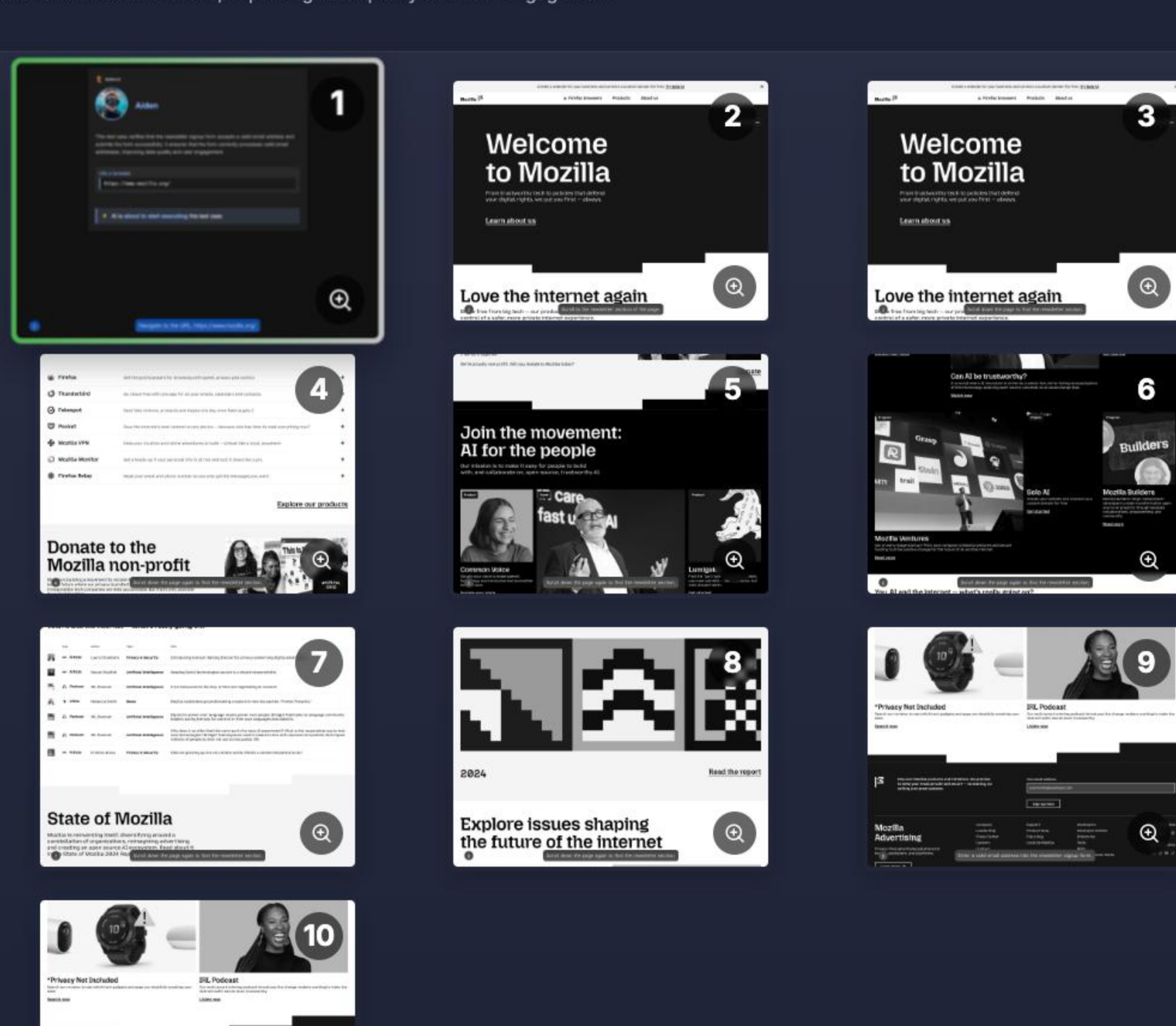
✓ Navigate to About us after visiting firefox browsers and products pages

This test case verifies a long flow navigating through the main sections of the Mozilla homepage: Firefox browsers, Products, About us, and then ultimately clicking on the 'Learn about us' link. It checks if the final destination is reached after multiple navigation steps. This is important to ensure users can navigate the website smoothly and find more information about Mozilla.



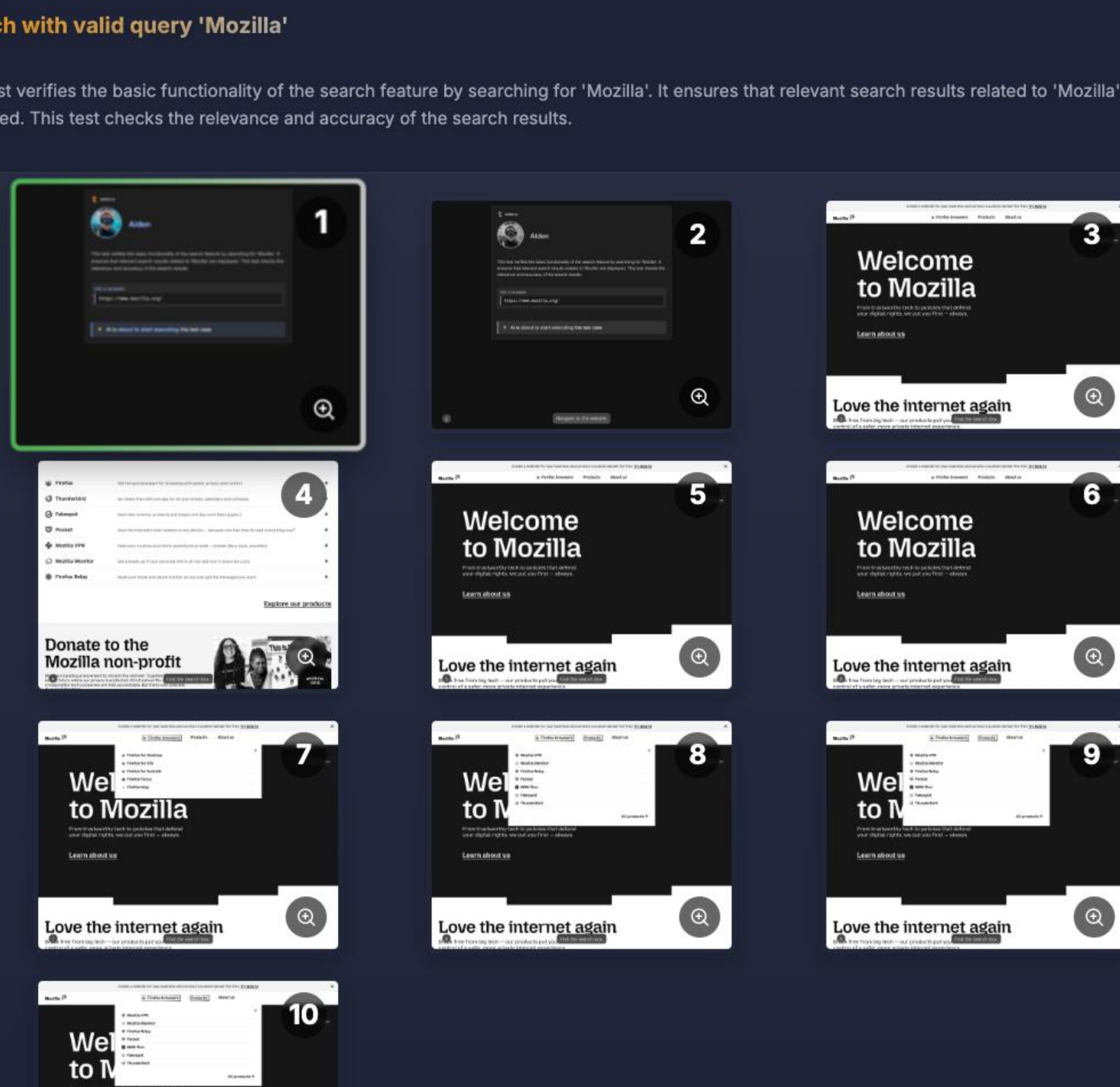
Newsletter Signup - Valid Email

This test case verifies that the newsletter signup form accepts a valid email address and submits the form successfully. It ensures that the form correctly processes valid email addresses, improving data quality and user engagement.



Search with valid query 'Mozilla'

This test verifies the basic functionality of the search feature by searching for 'Mozilla'. It ensures that relevant search results related to 'Mozilla' are displayed. This test checks the relevance and accuracy of the search results.



User Persona Feedback Summary



HOME



The Mozilla homepage aims to showcase Mozilla's commitment to creating trustworthy technology and advocating for digital rights, while promoting its various products and initiatives.

Overall Score

★★★★☆

The website effectively communicates Mozilla's mission and values, but could improve in terms of visual appeal and intuitive navigation. A clear call to action and highlighting key products more prominently would enhance the user experience.

Visual Design

★★★★☆

The site is clean, but a bit stark. It could use some more engaging visuals to draw the user in.

Usability

★★★★☆

The site is relatively easy to use, but some elements could be more user-friendly. Clearer calls to action and a more intuitive navigation structure would improve the user experience.

Content Quality

★★★★☆

The content is informative and well-written, effectively communicating Mozilla's mission and values. However, there is too much content.

Individual User Persona Feedback



Aisha Jones, 28

Persona:Aisha is a data privacy consultant who works with small businesses to help them comply with privacy regulations. She's passionate about digital rights and advocates for greater transparency and control over personal data. She is comfortable using a wide range of technologies.

Overall Rating

★★★★☆

I appreciate Mozilla's commitment to privacy and digital rights. The information on this website is valuable and helpful, and I feel like the various tools can help me accomplish my goals.

Actions Performed

- Explore Mozilla Monitor to check for data breaches.
- Read articles on privacy and security.

Suggestions

- Add a section on privacy regulations.
- Create a community forum for users to discuss privacy issues.



David Chen, 35

Persona:David is a software engineer who works for a large tech company. He is very interested in technology and frequently uses open source software. He is skeptical about the privacy practices of big tech companies.

Overall Rating

★★★★☆

I am interested in Mozilla's efforts to challenge big tech and promote open-source technology. I like to keep up to date and informed with what the company is doing and planning to do.

Actions Performed

- Explore Mozilla's open-source AI projects.
- Read the State of Mozilla 2024 Report.

Suggestions

- Add a section on each open-source AI project.
- Improve the search function to allow users to find specific information more easily.

Print Report