

AI Test Results from testers.ai



The Baidu HOME page, while seemingly functional, suffers from a multitude of accessibility and security-related flaws. The most glaring issues include multiple instances of missing alt text for images, which significantly impacts users relying on screen readers. Furthermore, the low contrast on the search button, and missing navigation bar and footer are major usability drawbacks. The presence of a potentially outdated jQuery library raises security concerns and highlights a need for dependency management and security checks. The absence of clarity on data collection practices also erodes user trust. Resolving these issues will lead to a considerable increase in the app's quality.

Best Aspects

The underlying functionality of the HOME page might be sound, however the absence of feedback to this effect makes it difficult to know.

Areas for Improvement

The numerous accessibility violations (missing alt text, low contrast), the security risk from the outdated jQuery library, and the fundamental usability problems stemming from missing navigation bar and footer.

Quality Summary



<https://www.baidu.com>

Detailed Analysis

Assessing the Baidu HOME page reveals some critical concerns that undermine its overall quality. A primary area of concern is accessibility, as evidenced by the repeated instances of missing alt text for images and insufficient text contrast throughout the page. These failings exclude users relying on assistive technologies. Usability is also compromised by the missing navigation bar and footer. Security is also not adequate as indicated by the potentially outdated jQuery library. These issues compound the fact that there's a general lack of transparency regarding data collection practices, which creates distrust. The aggregate of these factors paints a picture of a product that needs significant attention to detail.

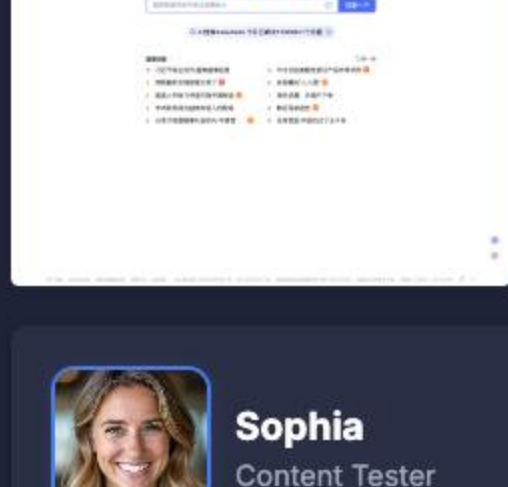
Key Suggestions

- Conduct a thorough accessibility audit of the entire app and address all WCAG violations.
- Implement a regular dependency update and security scanning process to keep libraries and frameworks up-to-date.
- Perform usability testing with diverse user groups to identify and resolve usability issues.
- Ensure all images have meaningful alt text for screen reader users.
- Improve text contrast throughout the app to meet accessibility guidelines.
- Include the missing navigation bar and footer

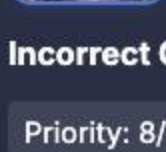
Priority Improvements

1. Implement alt text for all images on the HOME page to comply with WCAG guidelines.
2. Increase contrast of the search button to meet WCAG AA standards, ensuring readability for all users.
3. Update the jQuery library to the latest stable version and implement regular dependency checks to mitigate security vulnerabilities.
4. Add a navigation bar and footer to improve overall page usability and discoverability of key links.
5. Provide clear and concise information regarding data collection practices within the app's privacy policy and ensure compliance with relevant regulations.

Issues Found by AI Testers



HOME



Sophia
Content Tester

Incorrect Copyright Year

Priority: 8/10 Confidence: 9/10

Copyright

Why is this a bug?

The copyright date in the footer is (2023) which is outdated. The current year is 2025 and the copyright should reflect that. This makes the site appear outdated and unprofessional.

Suggested Fix

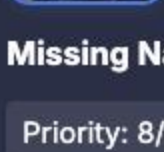
Update the copyright year in the footer to 2025.

Why Fix This?

To ensure the website's copyright information is current and accurate, reflecting the current year and maintaining credibility.

Route To

Front-end developer



Adeela
Mobile Responsive Tester

Missing Navigation Bar and Footer

Priority: 8/10 Confidence: 9/10

general Missing or Cut-Off Content

Navigation Bar Placement Footer Visibility

Why is this a bug?

The entire top navigation bar (with options like hao123, 地图, 贴吧, 视频, 图片, etc.) and the footer are missing from the mobile version. This severely limits navigation and access to important information typically found in the footer (e.g., About Baidu, Terms of Use, Contact, etc.).

Suggested Fix

Implement a responsive navigation solution, such as a hamburger menu or a mobile-friendly navigation bar that is accessible on smaller screens. Ensure the footer content is also accessible, perhaps through a simplified, mobile-optimized version.

Why Fix This?

Without the navigation bar and footer, users on mobile devices cannot easily access different sections of the website or find important information, leading to a poor user experience.

Route To

Frontend Engineer



Pete
Privacy and Security Tester

Lack of Clarity on Data Collection Practices for Baidu Services

Priority: 5/10 Confidence: 7/10

Data Collection Transparency

Third-Party Tracking General

Why is this a bug?

The webpage extensively uses Baidu's services (e.g., search, maps, news) and likely collects user data through these services. However, the page lacks a clear and easily accessible explanation of what data is collected, how it is used, and with whom it is shared. The privacy policy is not directly linked or easily findable on the main search page. The 'hotsearch_data' JSON embedded in the page contains links to trending topics, which when clicked, may involve tracking user interests and search behavior. This tracking lacks explicit user consent.

Suggested Fix

Implement a clear and concise privacy notice on the main search page that explains the types of data collected through Baidu's services, how it is used, and with whom it is shared. Obtain explicit user consent for data collection, particularly regarding tracking for personalized search results and advertising. Add link to privacy policy.

Why Fix This?

Failure to provide clear information about data collection practices violates GDPR principles of transparency and user control over personal data. Lack of consent for tracking may also violate privacy regulations.

Route To

Privacy Engineer

Relevant Network Call

Numerous network calls to pss.bdstatic.com, pas sport.baidu.com, and other Baidu domains, suggesting extensive data transfer.

AI Generated Functional Test Results

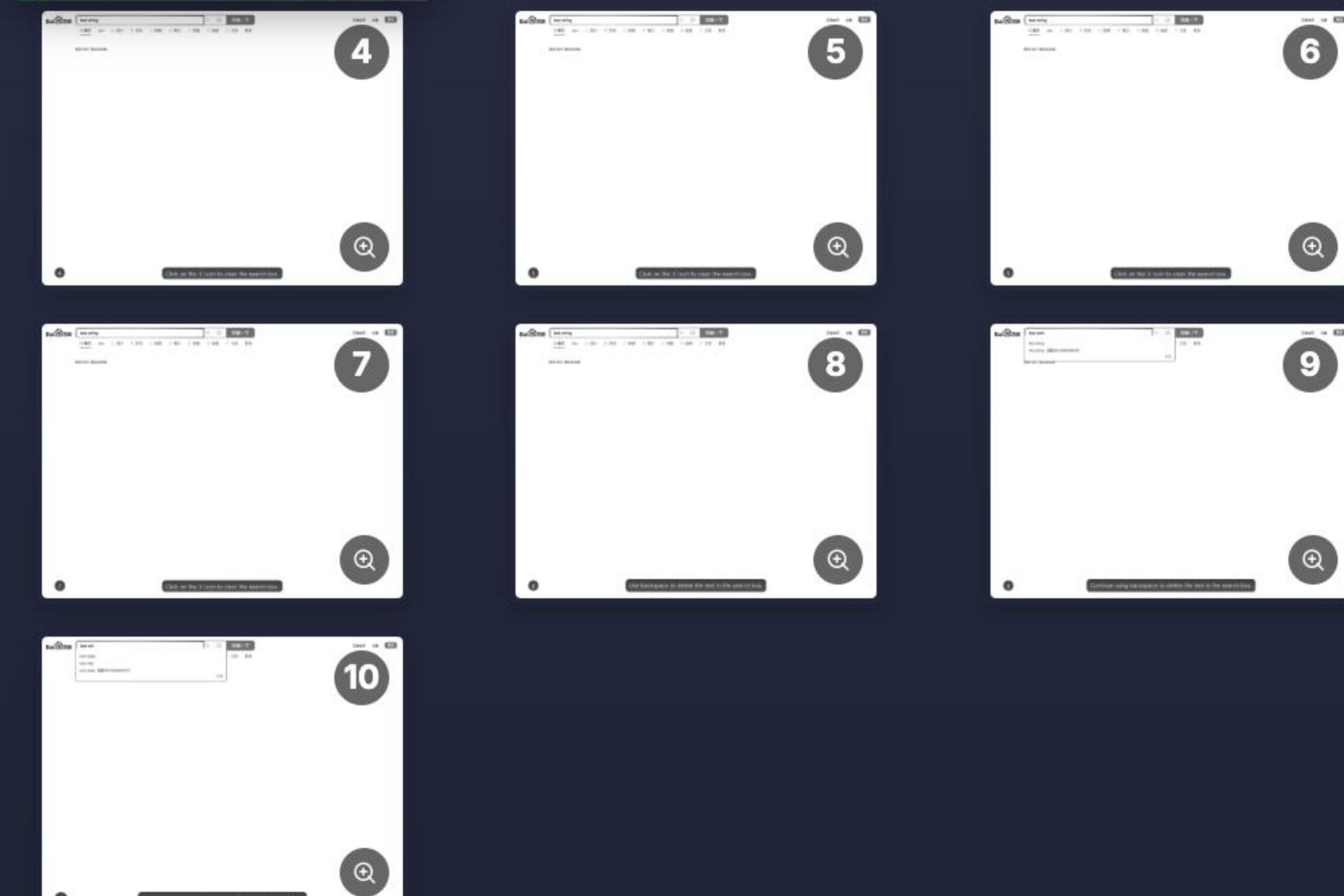
Start Page: HOME



Aiden
Demo_Tests

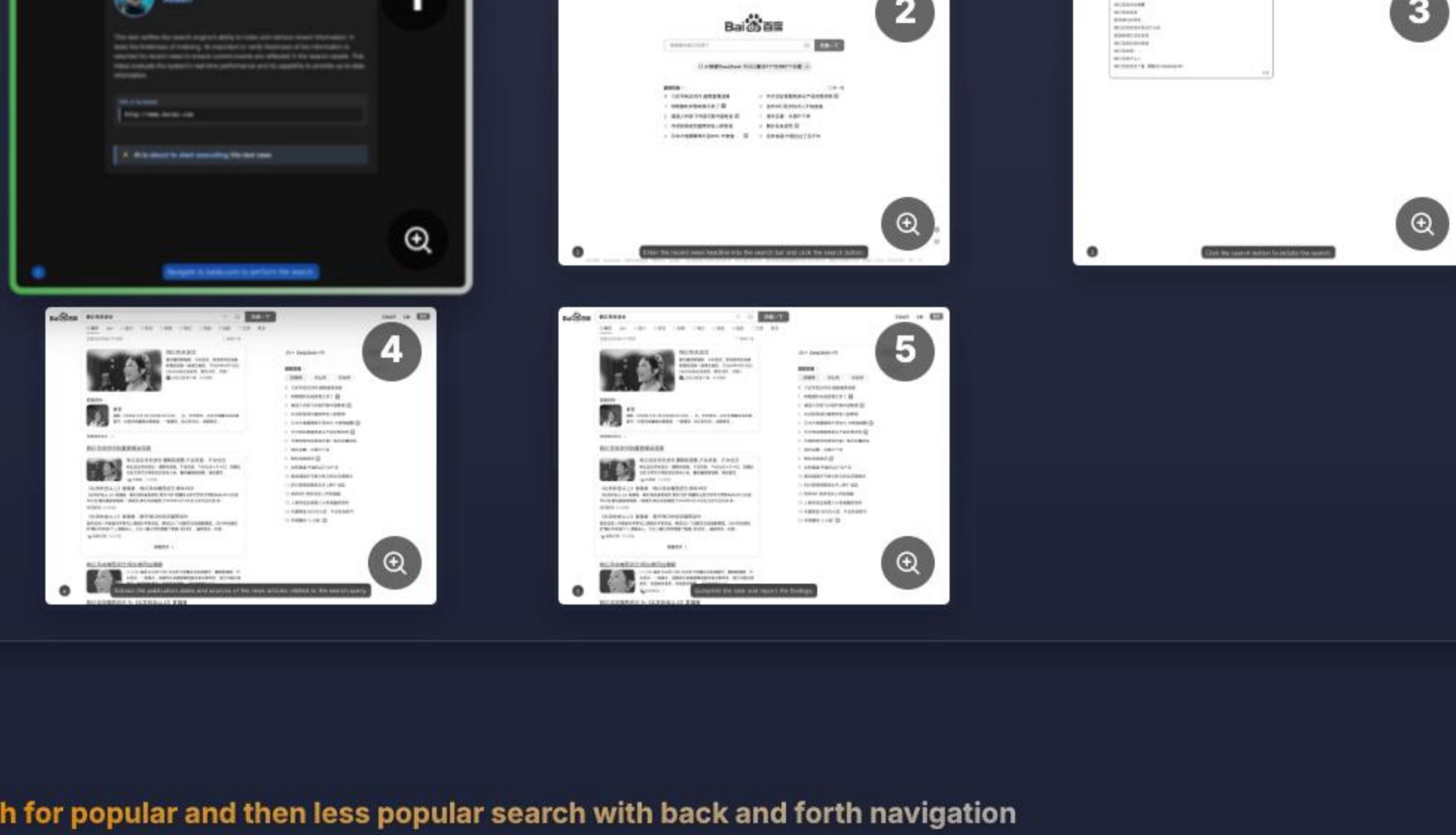
Search then delete the search string

This test verifies that the user can delete search string from the search box.



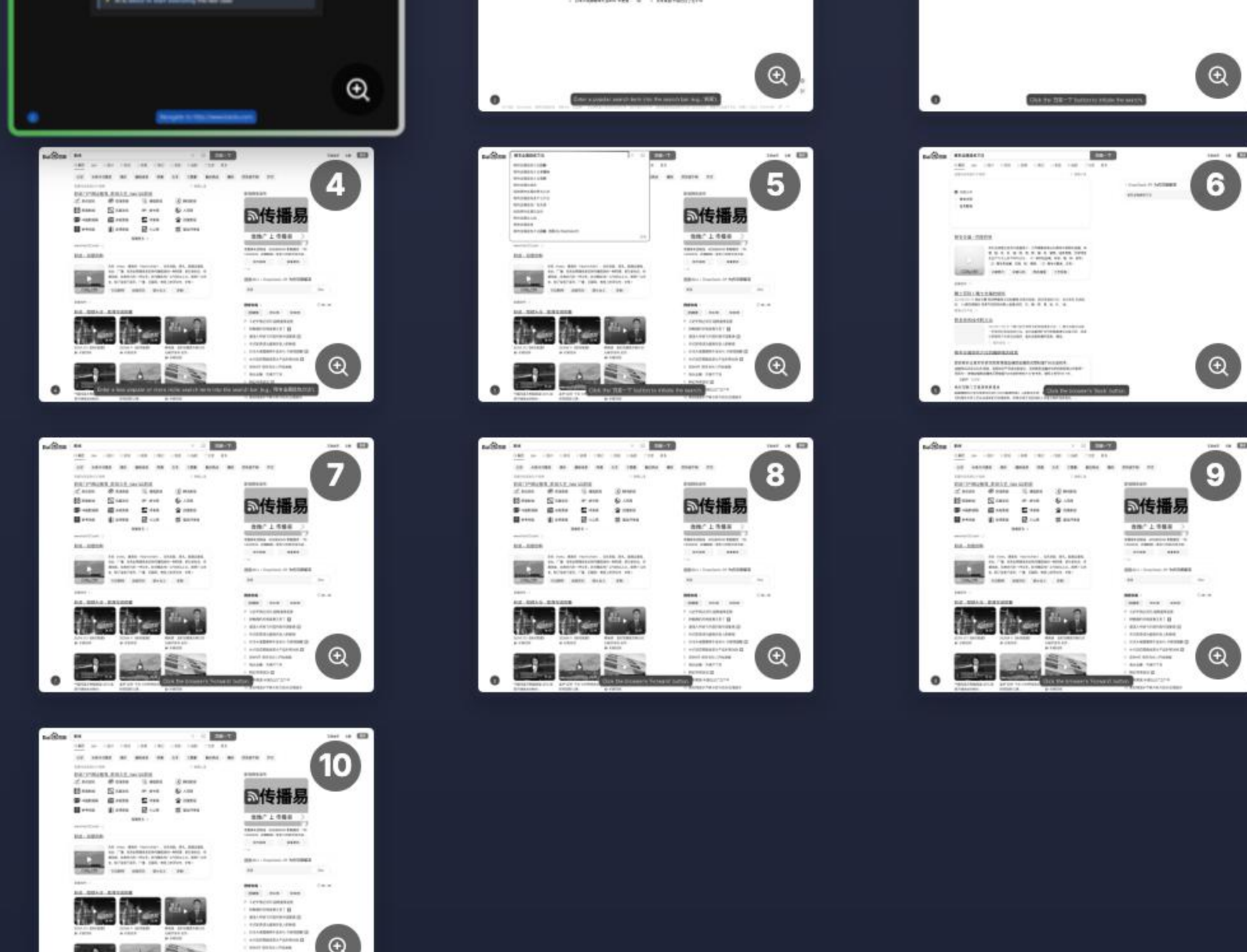
✓ Search for a recent/breaking news headline

This test verifies the search engine's ability to index and retrieve recent information. It tests the timeliness of indexing. Its important to verify freshness of the information is returned for recent news to ensure current events are reflected in the search results. This helps evaluate the system's real-time performance and its capability to provide up-to-date information.



Search for popular and then less popular search with back and forth navigation

This test aims to simulate a user first searching for a popular term and then a less popular term. It navigates back and forth between the search results to simulate normal user behavior. It checks if search results are properly rendered after each navigation.



User Persona Feedback Summary



HOME



The webpage is the homepage of Baidu, a Chinese search engine, providing access to search functionality, news, and other web services.

<p>Overall Score</p> <p>★★★★☆</p> <p>The website's design is clean and functional, but could benefit from better accessibility and more engaging visual elements. The content is relevant and up-to-date, but lacks a personalized touch. Usability is generally good, but navigation could be improved.</p>	<p>Visual Design</p> <p>★★★★☆</p> <p>The visual design feels a bit dated and lacks visual interest. More engaging images or graphics could improve the user experience.</p>	<p>Usability</p> <p>★★★★☆</p> <p>The search functionality is easy to use, and the links to other services are clearly visible. However, the sheer number of options can be overwhelming.</p>	<p>Content Quality</p> <p>★★★★☆</p> <p>The website provides access to a wide range of relevant and up-to-date content, including news, images, and videos. However, the content lacks a personalized touch.</p>
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Individual User Persona Feedback



Mei Lin, 28

Persona: Mei Lin is a young professional working in Shanghai. She uses the internet daily for work, communication, and entertainment. She is interested in current events, technology, and fashion.

Overall Rating

★★★★☆

As a young professional in Shanghai, I appreciate Baidu's comprehensive access to information, but I wish it had a cleaner design and less cluttered interface.

Actions Performed

- Search for news about international relations
- Check the weather forecast

Suggestions

- Add options to customize the news feed based on my interests
- Use larger font sizes and better color contrast for readability
- Implement a more modern and visually appealing design



David Chen, 35

Persona: David is a tech-savvy professional who works as a software engineer. He relies heavily on search engines for research, problem-solving, and staying up-to-date with industry trends.

Overall Rating

★★★★☆

As a software engineer, I value Baidu's quick search results and access to Chinese resources, but I'm sometimes frustrated by the lack of advanced search options and the presence of ads.

Actions Performed

- Search for programming tutorials
- Find information on AI advancements

Suggestions

- Add advanced search operators like AND, OR, and NOT
- Clearly distinguish between organic results and advertisements
- Improve keyboard navigation and screen reader compatibility

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