

# AI Test Results from testers.ai



The 'Bolt' app's Home page presents several concerning quality issues: Failed resource requests due to authorization errors (401) and DNS resolution failures point to potential security vulnerabilities and performance bottlenecks. Furthermore, multiple accessibility issues, such as missing visual focus indicators and insufficient color contrast, violate WCAG guidelines and degrade the user experience for individuals with disabilities. The lack of clear data collection transparency also raises GDPR compliance concerns. The prevalence of these issues suggests a need for immediate attention to address security risks, improve accessibility, and ensure user privacy.

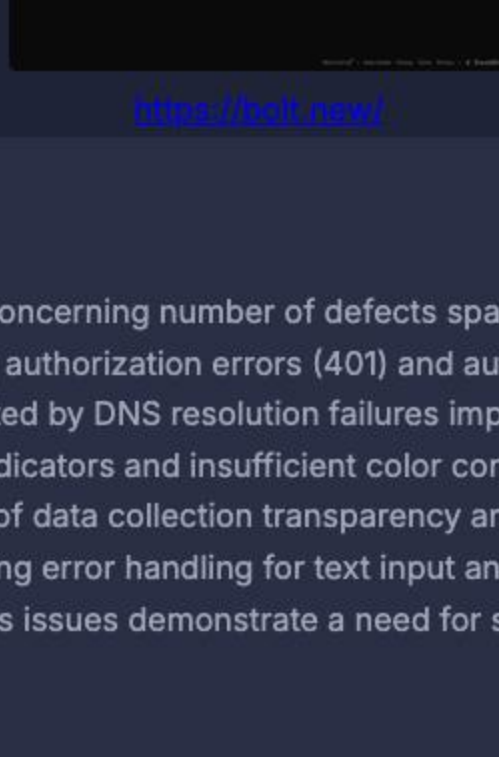
## Best Aspects

No positive aspects were identified in the data.

## Areas for Improvement

Significant security vulnerabilities, numerous accessibility violations, and performance issues severely impact the user experience on the Home page.

## Quality Summary



[View / Audit report](#)

### Detailed Analysis

The 'Bolt' app, specifically its Home page, shows a concerning number of defects spanning several critical areas. Security vulnerabilities are evident through failed resource requests yielding authorization errors (401) and authentication failures indicating unauthorized access attempts. Performance is also questionable, highlighted by DNS resolution failures impacting resource loading. Accessibility is significantly compromised with issues like missing visual focus indicators and insufficient color contrast, creating barriers for users with disabilities. Data privacy also warrants attention, evidenced by a lack of data collection transparency and potential third-party tracking concerns, which could lead to GDPR violations. Finally, there's a missing error handling for text input and framework icons in mobile view, indicating an overall lack of attention to usability. Overall, the Home page's issues demonstrate a need for significant remediation across multiple quality attributes.

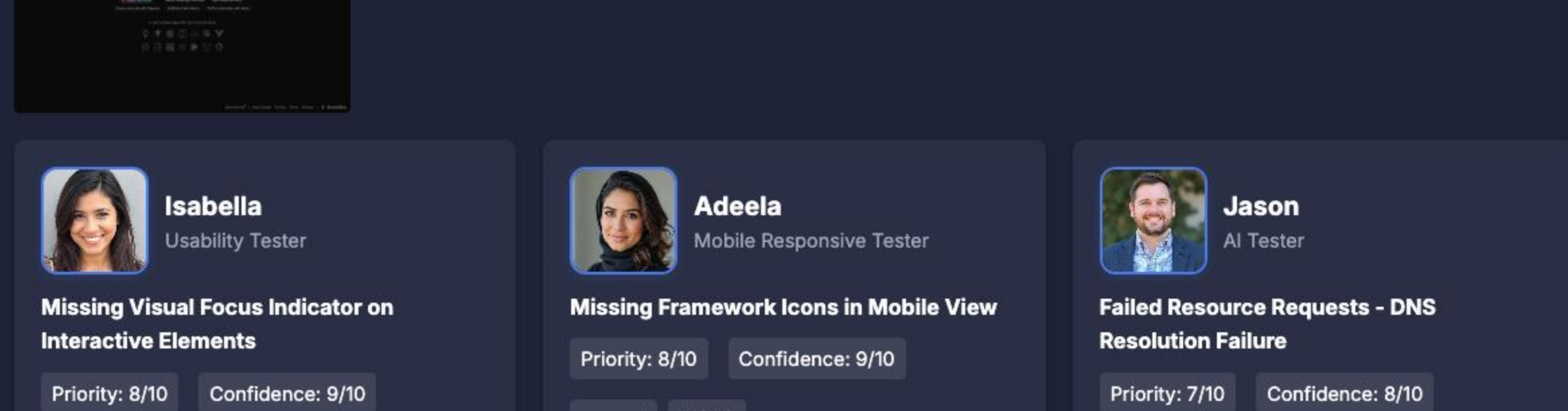
### Key Suggestions

- Conduct a comprehensive security audit to identify and fix vulnerabilities.
- Perform accessibility testing and remediation to comply with WCAG guidelines.
- Optimize DNS resolution to improve application performance.
- Implement data collection transparency measures and obtain user consent.
- Include error handling in all input forms.

### Priority Improvements

- Implement robust authentication and authorization mechanisms to eliminate 401 errors and unauthorized access attempts. Specifically, review and strengthen API endpoint security to ensure proper access control.
- Address WCAG violations by increasing color contrast ratios to meet accessibility standards and adding visual focus indicators to all interactive elements. Utilize accessibility testing tools to identify and rectify further issues.
- Optimize DNS resolution to improve resource loading times and overall performance. Consider implementing DNS caching or using a content delivery network (CDN).
- Implement clear and transparent data collection practices, explicitly stating what data is collected and how it is used. Obtain user consent for data collection, especially concerning third-party tracking.
- Provide helpful error messages with suggestions for text input to improve usability. Guide the user toward what input is expected and fix any error.

## Issues Found by AI Testers



HOME

**Isabella**  
Usability Tester

**Missing Visual Focus Indicator on Interactive Elements**

Priority: 8/10 Confidence: 9/10

general Accessibility

**Keyboard Accessibility**

**Why is this a bug?**  
The page lacks a clear visual focus indicator (e.g., a highlighted border) for interactive elements like links and buttons when navigated using the keyboard. This makes it difficult or impossible for keyboard users, especially those with motor impairments or cognitive disabilities, to determine which element is currently selected, violating WCAG 2.4.7 Focus Visible.

**Suggested Fix**  
Implement a clear and noticeable visual focus indicator (e.g., a highlighted border or background change) for all interactive elements on the page. Ensure that the focus indicator has sufficient contrast with the surrounding elements to be easily visible. Test with keyboard-only navigation and different browser settings.

**Why Fix This?**  
Lack of a visible focus indicator violates WCAG 2.4.7, making the page inaccessible to keyboard users and those relying on assistive technologies.

**Route To**  
Frontend Engineer

**Adeela**  
Mobile Responsive Tester

**Missing Framework Icons in Mobile View**

Priority: 8/10 Confidence: 9/10

general WCAG

**Why is this a bug?**  
The set of framework icons visible at the bottom of the page in the desktop view is completely missing in the mobile view. This impacts user's ability to select their preferred framework, thus reducing the usability of the site. This is a critical element of the UI on the main page.

**Suggested Fix**  
Implement responsive design to either reflow the icons into a scrollable horizontal list, a vertical list, or a dropdown menu on mobile devices. Ensure all clickable elements have appropriate ARIA roles and labels.

**Why Fix This?**  
The framework icons provide a direct way for users to start projects with specific stacks. Removing them hinders the user experience on mobile devices and decreases the accessibility of the website.

**Route To**  
Frontend Engineer

**Jason**  
AI Tester

**Failed Resource Requests - DNS Resolution Failure**

Priority: 7/10 Confidence: 8/10

network performance

**Why is this a bug?**  
The 'net:ERR\_NAME\_NOT\_RESOLVED' error indicates that the browser was unable to resolve the hostname in the URL to an IP address. This usually means that the domain name is either not registered, there is a DNS server issue, or there's a typo in the URL.

**Suggested Fix**  
Verify that the domain names in the URLs are correct and that the DNS server is functioning correctly. Check for typos in the URLs and confirm the domain is correctly configured. Consider DNS propagation issues if the domain was recently registered.

**Why Fix This?**  
Resources failing to load due to DNS resolution errors will lead to broken functionality and a poor user experience.

**Route To**  
DevOps Engineer, Backend Engineer

**Aisha**  
Tester for Missing Aspects

**Missing Error Handling and Suggestions for Text Input**

Priority: 7/10 Confidence: 9/10

general usability

**Why is this a bug?**  
The page provides a large text input area with the prompt "How can Bolt help you today?". However, there appears to be no error handling or suggestions provided to the user if the input is invalid or ambiguous. This could lead to user frustration and confusion, especially for new users who are not familiar with the system's capabilities.

**Suggested Fix**  
Implement error handling that provides informative error messages when the user inputs invalid or ambiguous text. Add a suggestion feature that provides relevant suggestions as the user types, guiding them towards actions the system can perform. Consider implementing validation rules and constraints to ensure that input is within expected parameters.

**Why Fix This?**  
Improved error handling and suggestion features enhance user experience and reduce confusion, leading to higher engagement and satisfaction.

**Route To**  
Frontend Engineer, Backend Engineer, UX Designer

**Jason**  
AI Tester

**Failed Resource Requests - Authorization Error (401)**

Priority: 7/10 Confidence: 8/10

network security

**Why is this a bug?**  
The 401 status code indicates that the server requires authentication, and the client either hasn't provided credentials or the provided credentials are invalid. This is preventing the resource from loading, which is unexpected.

**Suggested Fix**  
Investigate the authentication mechanism for these resources. Ensure that the client is providing the correct credentials and that the server is properly configured to authenticate the requests. Check if the user has appropriate permissions.

**Why Fix This?**  
Users will not be able to access resources that return 401 errors, leading to broken functionality or content.

**Route To**  
Backend Engineer, Security Engineer

**Abdul**  
Privacy and Security Tester

**Authentication Failure - Unauthorized Access Attempt(s)**

Priority: 7/10 Confidence: 7/10

OWASP Broken Authentication

**Why is this a bug?**  
Multiple 'Failed to load resource: the server responded with a status of 401 (Unauthorized)' errors in the console logs indicate that the client is attempting to access resources without proper authentication. This could lead to unauthorized access to sensitive data or functionality.

**Suggested Fix**  
Implement proper authentication checks on the server-side for all protected resources. Ensure that the client handles 401 responses gracefully, prompting the user to log in if necessary. Investigate the URLs returning 401 to understand why they are being requested without proper credentials.

**Why Fix This?**  
Fixing this bug is crucial to prevent unauthorized access and protect sensitive information. Broken authentication can lead to data breaches and compromise user accounts.

**Route To**  
Backend Engineer/Security Engineer

**Related Network Call**  
N/A - Analyze network calls that resulted in 401 status codes.

**Isabella**  
Usability Tester

**Insufficient Color Contrast Between Text and Background**

Priority: 7/10 Confidence: 8/10

WCAG Accessibility Color Contrast

**Why is this a bug?**  
The contrast between the text color and the background color is insufficient in certain areas of the page. This is particularly noticeable in the footer and for some of the smaller text elements. This makes it difficult for users, especially those with low vision or color blindness, to read the text. Violates WCAG 1.4.3 Contrast (Minimum).

**Suggested Fix**  
Adjust the color scheme to ensure sufficient contrast between text and background colors. Use a color contrast checker to verify that the contrast ratio meets WCAG 2.0 Level AA requirements (4.5:1 for normal text and 3:1 for large text).

**Why Fix This?**  
Insufficient color contrast makes the page difficult to read for users with visual impairments, violating WCAG 1.4.3.

**Route To**  
Frontend Engineer

**Alejandro**  
Accessibility Tester

**Insufficient Text Contrast**

Priority: 7/10 Confidence: 8/10

WCAG Text Contrast

**Why is this a bug?**  
Based on the provided image, the text "Prompt, run, edit, and deploy full-stack web and mobile apps" appears to have insufficient contrast against the dark background. This makes it difficult for users with visual impairments to read the text and understand the page's purpose. The text being small exacerbates the issue. This violates WCAG 2.0 Level AA Success Criterion 1.4.3 (Contrast (Minimum)).

**Suggested Fix**  
Increase the contrast ratio between the text color and the background color to meet WCAG 2.0 Level AA standards (4.5:1 for normal text, 3:1 for large text). Use a color contrast analyzer to verify compliance.

**Why Fix This?**  
Addresses WCAG 2.0 Level AA Success Criterion 1.4.3 and ensures that users with visual impairments can effectively read and understand the core information on the page.

**Route To**  
Frontend Engineer/UI Designer

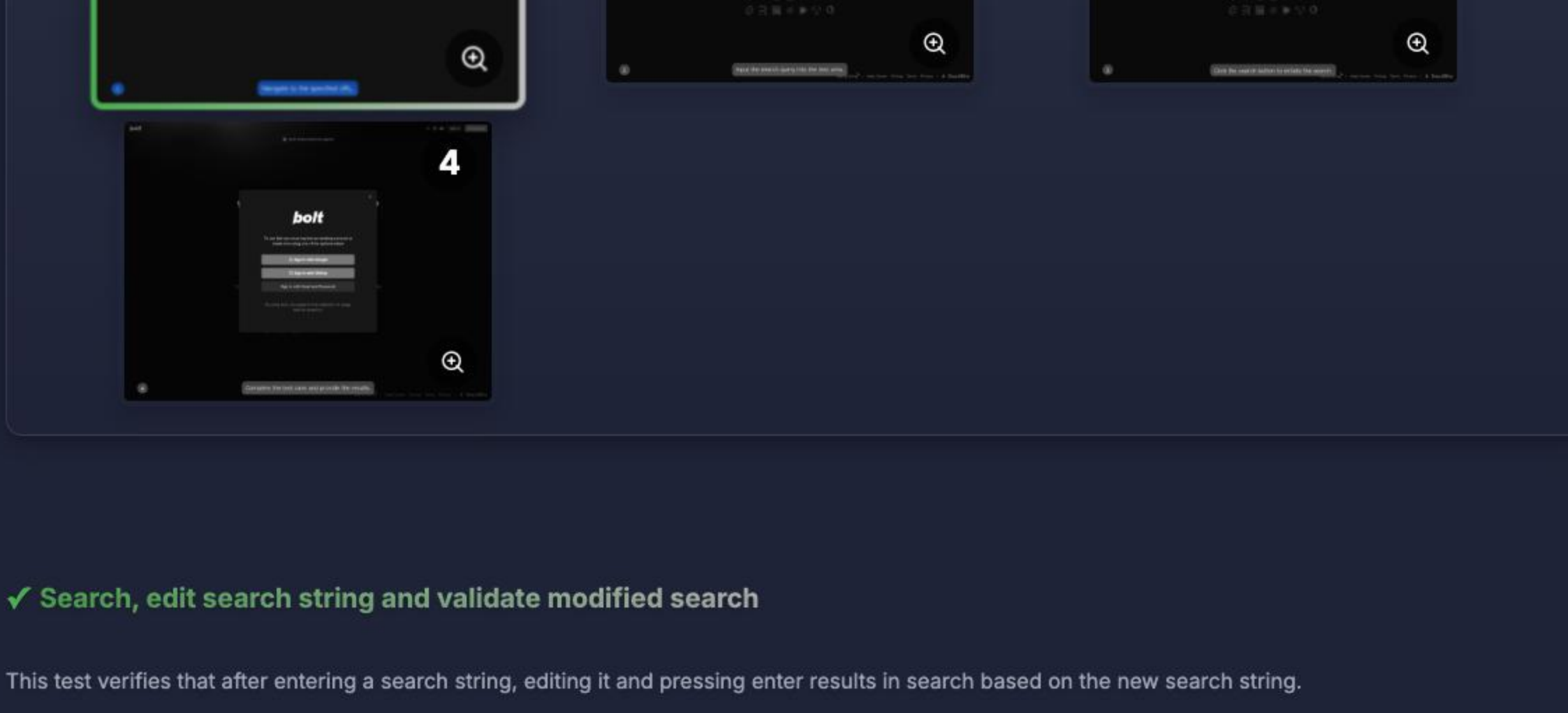
## AI Generated Functional Test Results

Start Page: HOME

**Aiden**  
Demo\_Tests

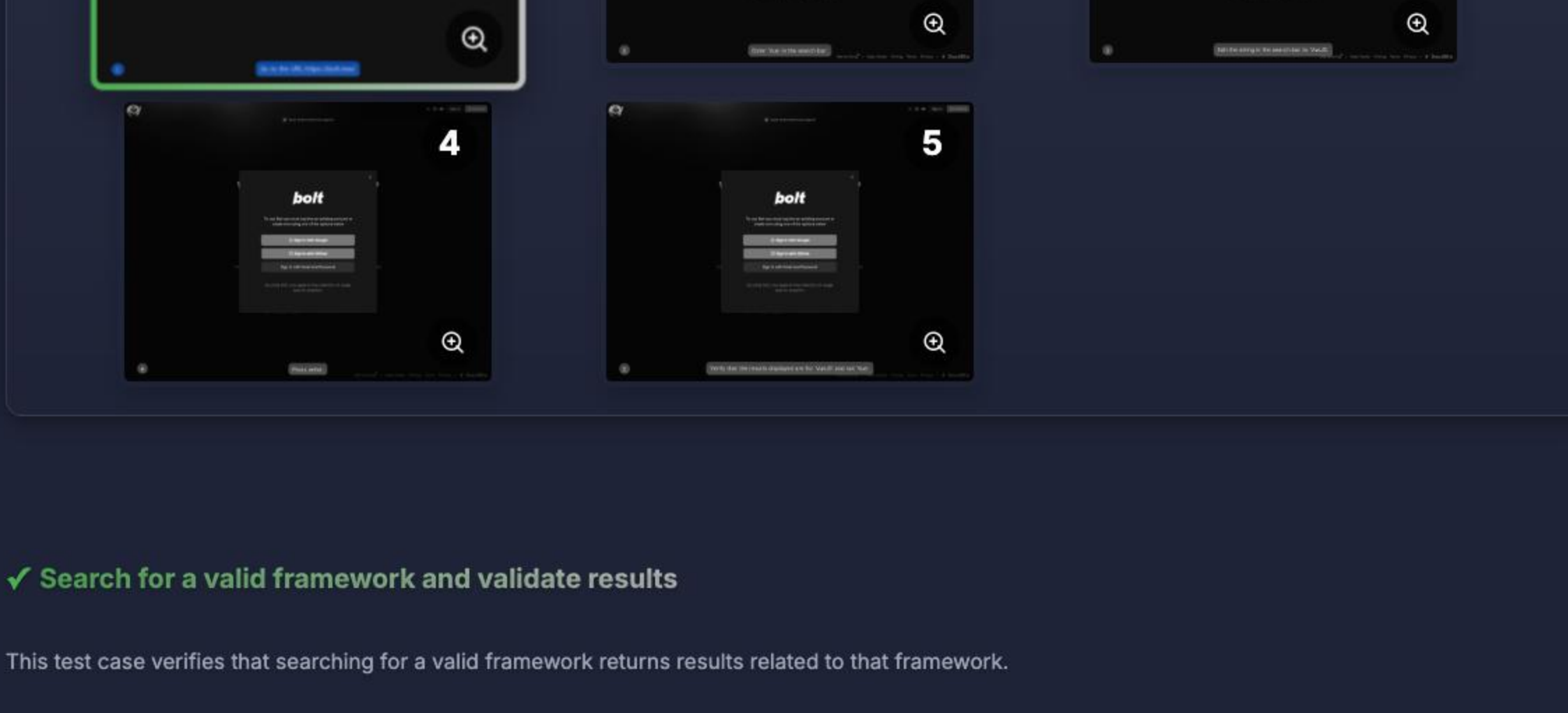
✓ Search for a common term 'build web app'

Tests the search functionality with a common and relevant query ('build web app'). Ensures that the search engine returns accurate and relevant results based on the query.



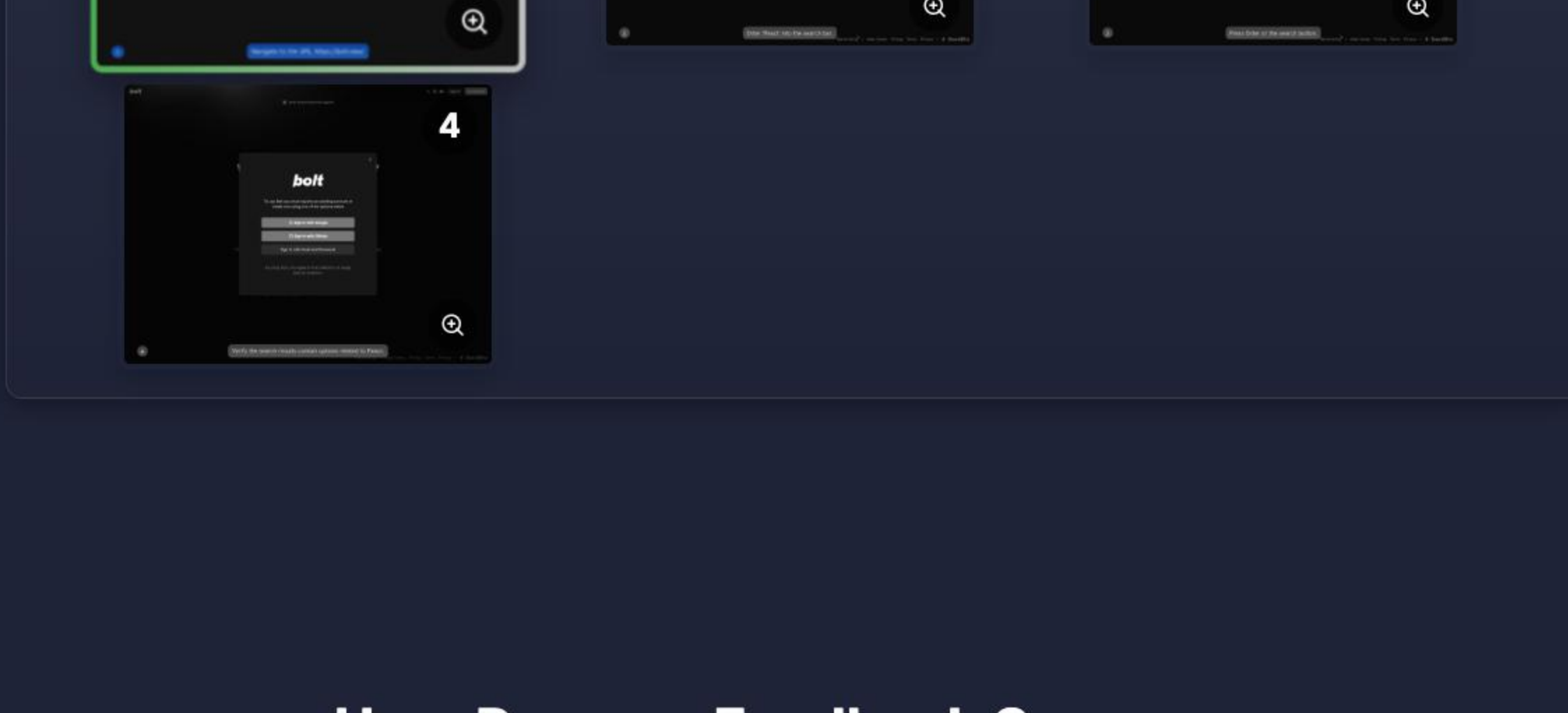
✓ Search, edit search string and validate modified search

This test verifies that after entering a search string, editing it and pressing enter results in search based on the new search string.

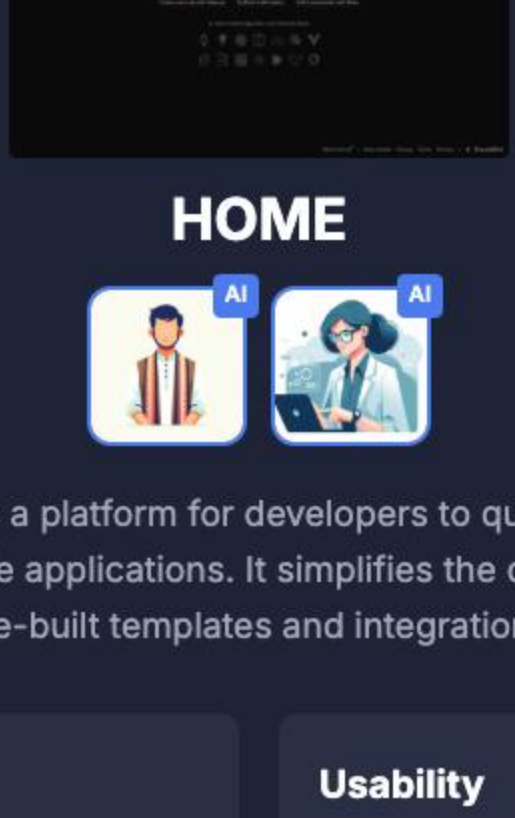


✓ Search for a valid framework and validate results

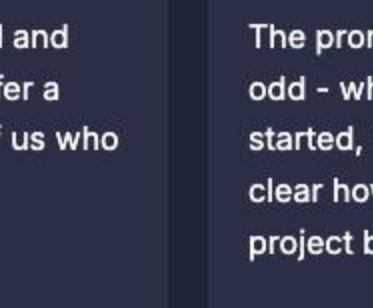
This test case verifies that searching for a valid framework returns results related to that framework.



## User Persona Feedback Summary



HOME



The webpage aims to provide a platform for developers to quickly prototype, run, edit, and deploy full-stack web and mobile applications. It simplifies the development process by offering pre-built templates and integrations.

**Overall Score**

★★★★☆

The site offers a streamlined approach to starting web development projects, with a focus on speed and integration with modern tools. The design is clean and appealing, but some users might find the initial prompt-based interface slightly confusing or limiting.

**Visual Design**

★★★★☆

The dark theme is cool and modern, but maybe offer a light mode for those of us who prefer it!

**Usability**

★★★★☆

The prompt-based start is a bit odd - while it's quick to get started, it is not immediately clear how to customize the project beyond initial prompts.

**Content Quality**

★★★★☆

The content is concise and focused on the core offering. More detailed documentation or tutorials might be helpful for new users.

### Individual User Persona Feedback

**Rajesh Patel, 35**

Persona: Rajesh is a freelance web developer with 5 years of experience. He is proficient in React and Node.js and often looks for tools to speed up his development workflow.

**Overall Rating**

★★★★☆

*I like the clean interface and the options for quick project setup with frameworks like Astro. The Stripe Payments support is a great addition, as I was just looking for something like that.*

**Actions Performed**

- Start a blog with Astro
- Explore Stripe Payments support

**Suggestions**

- Add comprehensive documentation with tutorials.
- Introduce a light theme option.

**Emily Chen, 28**

Persona: Emily is a full-stack developer working at a startup. She needs to quickly prototype and deploy applications. She's interested in new frameworks and tools.

**Overall Rating**

★★★★☆

*I'm impressed with the speed and ease of setting up projects. The integrations with modern frameworks and the focus on full-stack deployment are exactly what I need. Stripe payment support is very useful.*

**Actions Performed**

- Create a docs site with Vitepress
- Start a blank app with favorite stack

**Suggestions**

- Add more advanced configuration options.
- Improve documentation for less common setups.

Print Report