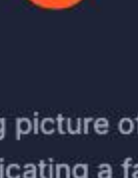


AI Test Results from testers.ai



The HOME page of Siprus Edu presents a concerning picture of application quality. We're seeing serious security vulnerabilities flagged by multiple CSP violations, indicating a failure to properly configure content security policies. Furthermore, the presence of an incorrect copyright year and missing form validation highlight issues with basic content management and user input handling. The mobile experience also suffers from missing navigation links and broken images, revealing a lack of attention to responsive design.

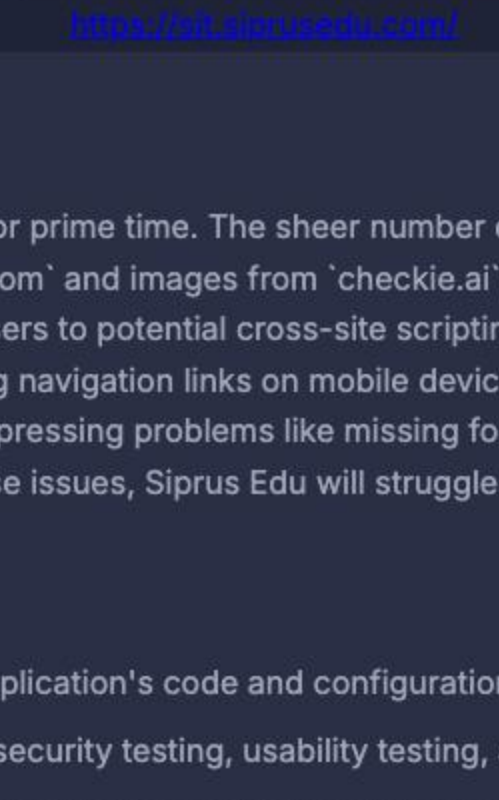
Best Aspects

There are no clear 'best aspects' evident from the provided data. The fact there is an attempt at a contact form is positive but needs to be secured.

Areas for Improvement

The most glaring issue is the sheer number of security vulnerabilities, primarily the CSP violations. The mobile responsiveness issues and content errors are also significant detractors.

Quality Summary



<https://www.siprusedu.com/>

Detailed Analysis

Siprus Edu's HOME page, as it stands, is not ready for prime time. The sheer number of Content Security Policy (CSP) violations, such as the refusal to load scripts from 'googletagmanager.com' and images from 'checkie.ai', screams that the security configurations are fundamentally flawed. These issues alone expose users to potential cross-site scripting (XSS) attacks and other vulnerabilities. Beyond security, the outdated copyright year and the missing navigation links on mobile devices make the application appear unprofessional and neglected. These small issues, combined with more pressing problems like missing form validation and error handling, contribute to a poor user experience. Without immediate attention to these issues, Siprus Edu will struggle to build trust with its users.

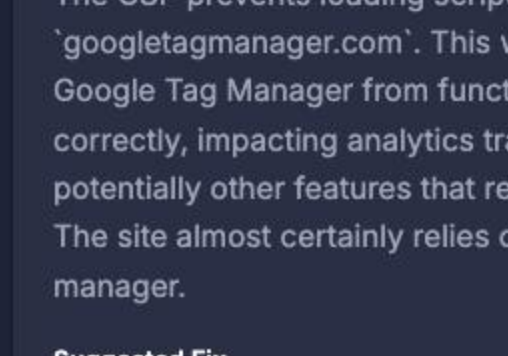
Key Suggestions

- Conduct a comprehensive security audit of the application's code and configuration.
- Implement a robust testing strategy that includes security testing, usability testing, and mobile responsiveness testing.
- Establish clear content management processes to ensure the accuracy and timeliness of information.
- Engage a security expert to review and harden the application's security posture.
- Prioritize fixing the mobile responsive design issues.

Priority Improvements

- Implement proper Content Security Policy (CSP):** Correct CSP configuration to prevent script and image loading from unauthorized sources. Explicitly define allowed sources in the CSP header.
- Implement form validation and error handling on the contact form:** Add client-side validation to check for required fields and correct data types. Implement robust server-side validation to prevent malicious input. Provide clear and helpful error messages to users upon submission.
- Resolve mobile responsiveness issues:** Ensure all navigation links are visible and functional on mobile devices. Optimize images for mobile screens to prevent broken image links and ensure proper scaling.
- Update copyright year:** Update the copyright year in the footer to the current year to ensure the application is up-to-date.
- Improve text contrast:** Ensure sufficient text contrast on all elements to meet WCAG accessibility guidelines.

Issues Found by AI Testers



HOME

Jason
AI Tester

CSP Violation: Refused to load script from googletagmanager.com

Priority: 8/10 Confidence: 9/10

security content analytics

Why is this a bug?
The CSP prevents loading scripts from 'googletagmanager.com'. This will prevent Google Tag Manager from functioning correctly, impacting analytics tracking and potentially other features that rely on GTM. The site almost certainly relies on google tag manager.

Suggested Fix
Update the CSP to include 'https://www.googletagmanager.com' and 'https://www.googletagmanager.com/gtag/js' in the 'script-src' directive.

Why Fix This?
Restoring Google Tag Manager functionality is critical for analytics, marketing, and potentially other core features.

Route To
Security Engineer, Marketing Operations, Frontend Engineer

Aisha
Tester for Missing Aspects

Missing Input Validation on Contact Form

Priority: 8/10 Confidence: 9/10

general security usability

Why is this a bug?
The contact form lacks input validation. A user can submit empty fields, or invalid data (e.g., text in the phone number field, malformed email addresses). This can lead to data quality issues, backend errors, and potential security vulnerabilities (e.g., code injection if the input isn't properly sanitized).

Suggested Fix
Implement robust client-side validation to provide immediate feedback to the user, preventing invalid submissions. Implement server-side validation as a security measure. Vary the types of text, telephon, and email are what they should be. Sanitize all inputs before processing.

Why Fix This?
Without validation, incorrect or malicious data can be submitted, which can lead to inaccurate records, processing errors, and security vulnerabilities. It also results in a poor user experience because users have to guess the expected format.

Route To
Frontend Engineer, Backend Engineer

Adeela
Mobile Responsive Tester

Missing Beranda, Tentang Kami, Hubungi Kami navigation links on mobile

Priority: 7/10 Confidence: 9/10

general navigation

Why is this a bug?
The 'Beranda', 'Tentang Kami', and 'Hubungi Kami' links are present in the desktop version but are missing on the mobile version. This affects the user's ability to navigate the website effectively on mobile devices.

Suggested Fix
Ensure the 'Beranda', 'Tentang Kami', and 'Hubungi Kami' links are accessible within the mobile menu. Alternatively, consider adding them as separate elements or using a different responsive navigation approach.

Why Fix This?
Improves user experience by providing easy access to essential website sections on mobile devices.

Route To
Frontend Engineer

Jason
AI Tester

CSP Violation: Refused to execute inline script

Priority: 7/10 Confidence: 8/10

security content functionality

Why is this a bug?
The CSP prevents inline scripts from executing, which is a security measure but can break functionality if the application relies on inline scripts. The presence of multiple 'Refused to execute inline script' errors suggests a systemic issue.

Suggested Fix
Review and update the CSP to allow necessary inline scripts using hashes, nonces, or the 'unsafe-inline' keyword (use with caution). Consider refactoring inline scripts into external files.

Why Fix This?
Fixing this ensures that necessary scripts can execute, preventing functionality breakage and potential security vulnerabilities if the CSP is misconfigured.

Route To
Security Engineer, Frontend Engineer

Abdul
Privacy and Security Tester

Content Security Policy (CSP) Misconfiguration

Priority: 7/10 Confidence: 9/10

OWASP Security Misconfiguration

Why is this a bug?
The console logs clearly indicate multiple CSP violations. Inline scripts are blocked, Google Tag Manager scripts are blocked, and images from 'checkie.ai' are blocked, despite these resources potentially being required for proper site functionality. The current CSP is overly restrictive or improperly configured, leading to blocked resources. This could stem from an incomplete or incorrect CSP setup.

Suggested Fix
Review and adjust the Content Security Policy to allow necessary inline scripts (if unavoidable with proper hashes or nonces), Google Tag Manager scripts, and image sources from 'checkie.ai'. Consider using nonces or hashes for inline scripts where possible to maintain security while allowing necessary functionality. Update CSP to include 'https://www.googletagmanager.com' for scripts and 'https://checkie.ai' for images. Ensure the updated CSP is properly tested to prevent unintended blocking of other resources.

Why Fix This?
A misconfigured CSP can lead to broken functionality and a poor user experience. More importantly, it indicates a lack of proper control over allowed resources, which could be exploited by attackers if the CSP is later relaxed too much to compensate for the broken functionality. Correcting the CSP ensures the site functions as intended while maintaining a strong security posture.

Route To
Frontend Engineer/Security Engineer

Relevant Network Call
<https://www.googletagmanager.com/gtag/js?id=GTM-WTR09HF>

Isabella
Usability Tester

Missing Form Validation on Contact Form

Priority: 7/10 Confidence: 8/10

Form Accessibility Error Prevention

Why is this a bug?
The contact form (name, email, telephone) lacks proper validation. Users can submit the form with empty or invalid data, leading to errors and frustration. For instance, the 'Email' field doesn't seem to validate the email format, and all fields can be submitted empty. The character counter for the message field is not preventing submission after 250 characters. I was able to enter text over the limit, and click the submit button.

Suggested Fix
Implement client-side and server-side validation for all form fields. Email should be validated for correct format, and required fields (Name, Email, Message) should be enforced. Display clear and descriptive error messages when validation fails. Disable the submit button once the 250 character limit is reached.

Why Fix This?
Prevents submission of incomplete or incorrect data, improving data quality and user experience. Reduces server load by catching errors client-side.

Route To
Frontend Engineer, Backend Engineer

Aisha
Tester for Missing Aspects

Missing Error Handling and Feedback for Contact Form Submission

Priority: 7/10 Confidence: 8/10

general usability

Why is this a bug?
There's no indication of what happens after clicking the 'Kirim' (Send) button. No success message, error message, or loading indicator is present. The user has no idea whether the message was sent successfully or if any errors occurred during submission. Submissions that fail silently make the user think that the message was sent, when it actually did not.

Suggested Fix
Implement visual feedback upon submission: A loading indicator while the message is being sent, and a success/error message depending on the outcome. This could be a simple toast notification or an update to the form itself.

Why Fix This?
Lack of feedback results in a poor user experience and uncertainty. Users may resubmit the form multiple times, or assume their message was not received if they received a failure message.

Route To
Frontend Engineer

AI Generated Functional Test Results

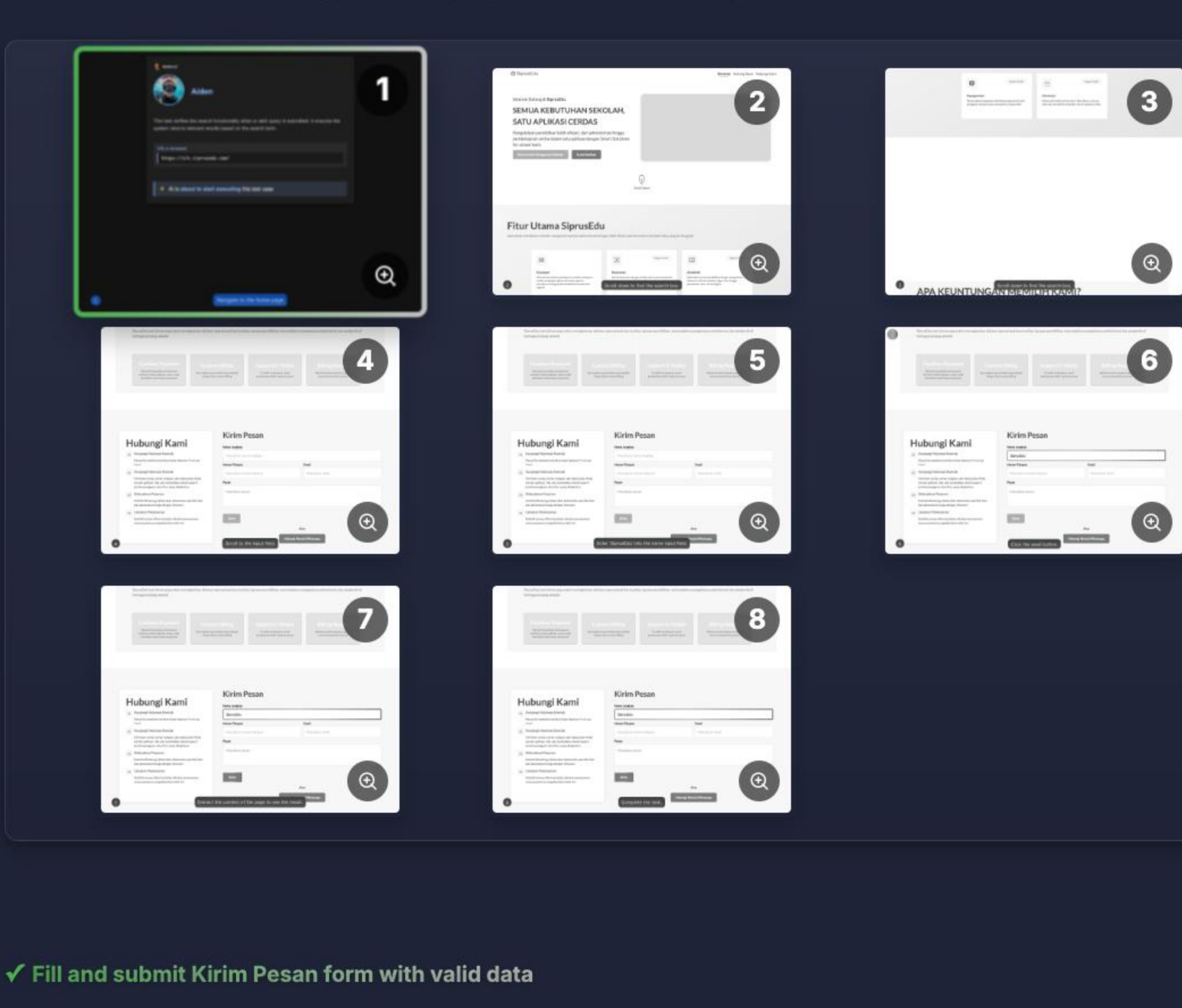
Start Page: HOME



Aiden
Demo Tests

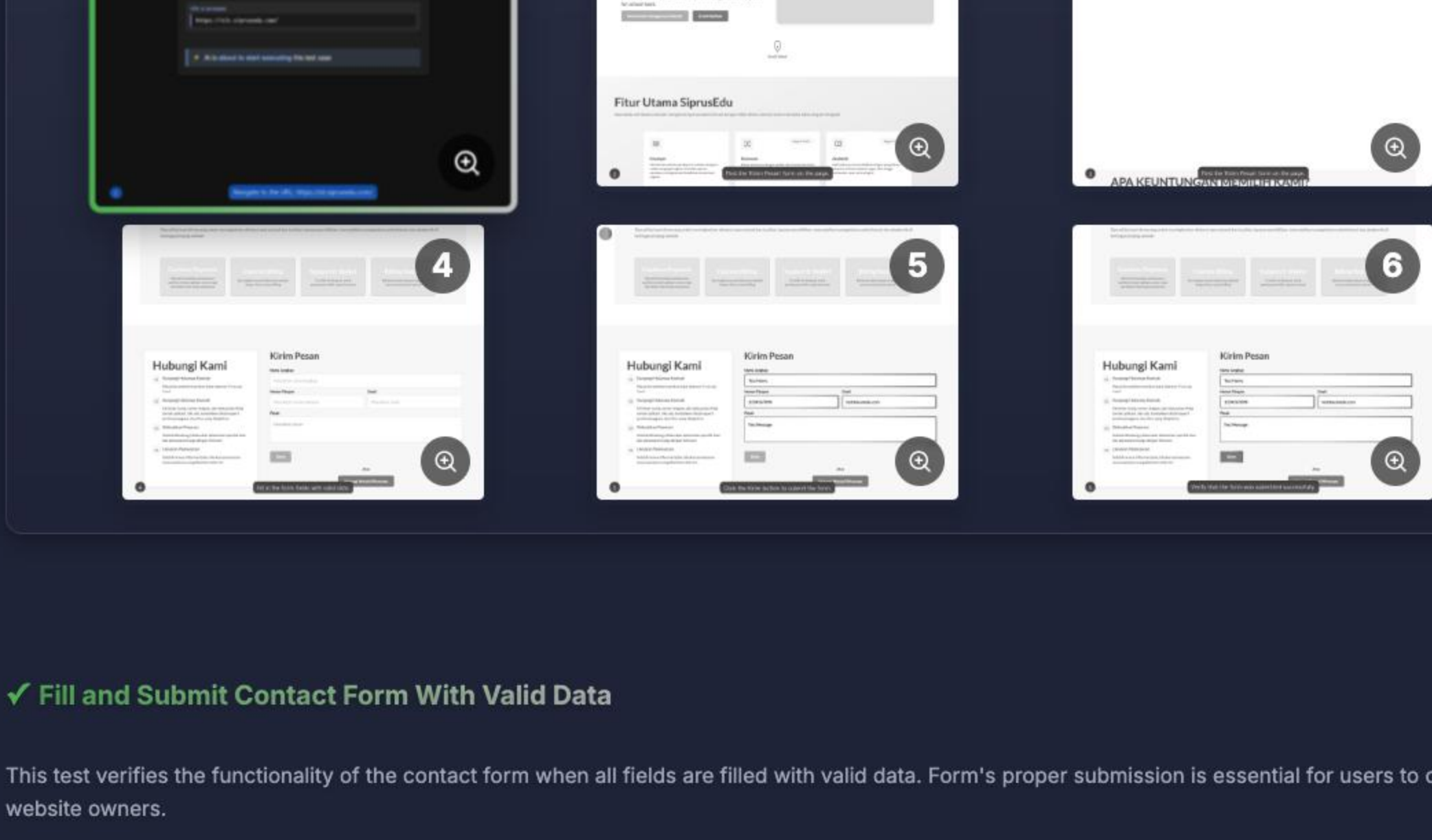
✓ Search with Valid Query

This test verifies the search functionality when a valid query is submitted. It ensures the system returns relevant results based on the search term.



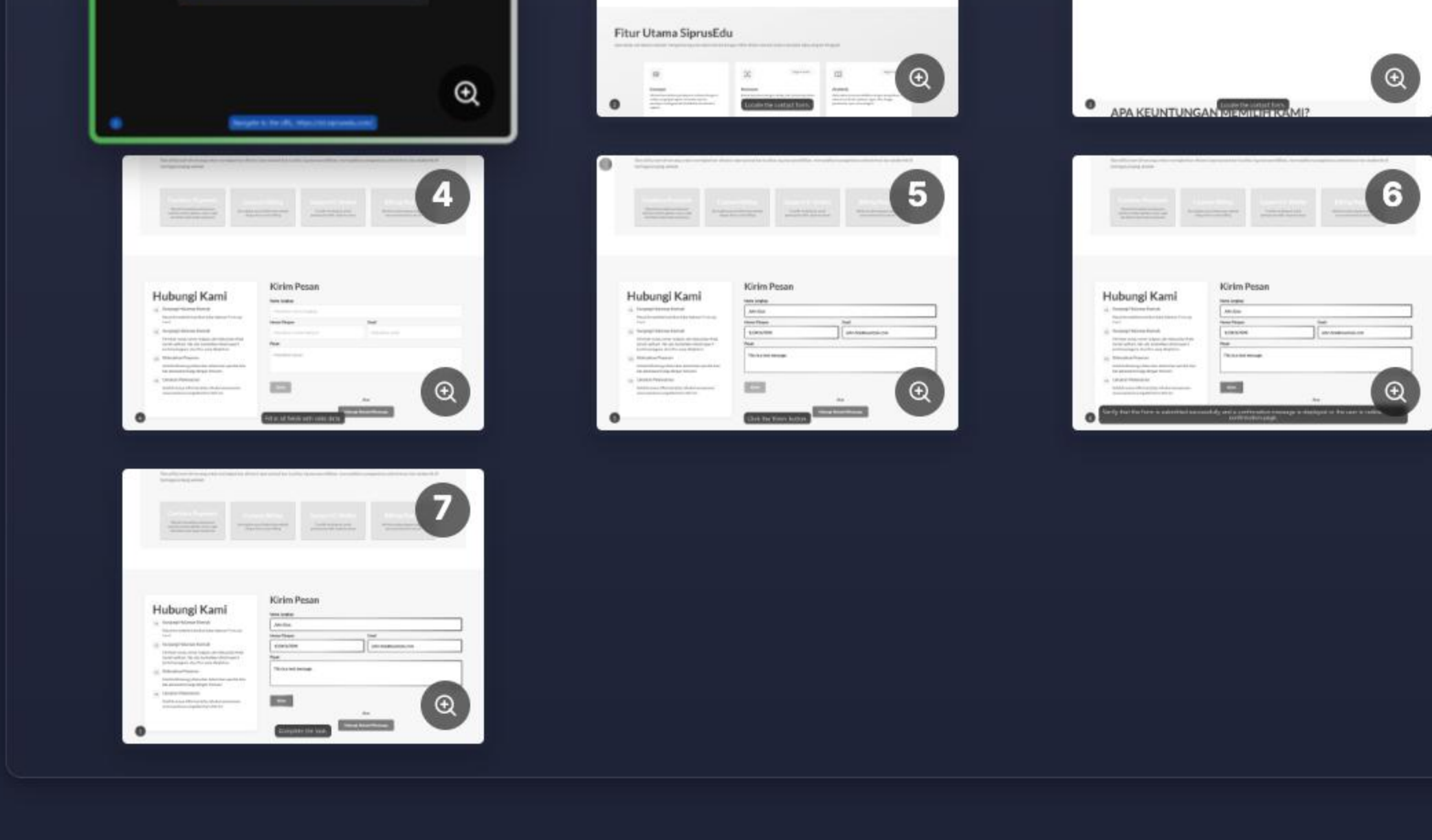
✓ Fill and submit Kirim Pesan form with valid data

This test verifies that the 'Kirim Pesan' form can be submitted with valid data and the expected action is performed.



✓ Fill and Submit Contact Form With Valid Data

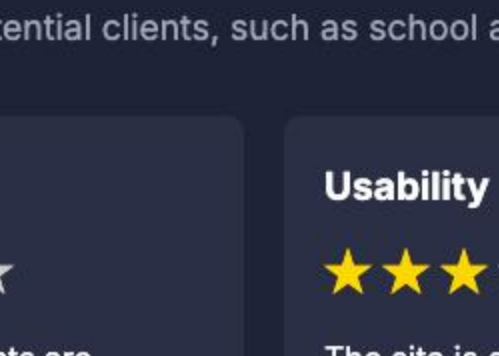
This test verifies the functionality of the contact form when all fields are filled with valid data. Form's proper submission is essential for users to contact the website owners.



User Persona Feedback Summary



HOME



The webpage aims to promote SiprusEdu, a school management application, highlighting its features and benefits to potential clients, such as school administrators and educators.

Overall Score	Visual Design	Usability	Content Quality
★★★★☆	★★★★☆	★★★★☆	★★★★☆
The design offers a clean and modern design, but the 'Segera Hadir' (Coming Soon) sections create a sense of incompleteness. The core features are well-articulated, but more concrete examples and case studies could enhance the credibility of SiprusEdu.	The visual elements are modern and appealing. The color scheme and layout make the website easy to navigate. However, some images feel generic and could be replaced with more relevant visuals that showcase the application in action.	The site is easy to navigate and the contact form is readily accessible. However, the lack of detailed information in the 'Segera Hadir' sections makes the website feel incomplete.	The content is clear and concise, highlighting the key features and benefits. However, it lacks depth and could benefit from more detailed explanations and use case scenarios.

Individual User Persona Feedback

Ratna Sari, 45

Persona:Ratna is the principal of a small private school in Jakarta. She is responsible for managing all aspects of the school's operations, including admissions, finance, and academics. She's looking for a better integrated software solution that can streamline operations.

Overall Rating
★★★★☆

As a school principal, I appreciate the focus on efficiency and integration. The cashless payment feature is especially appealing. However, I'm concerned about the 'Segera Hadir' sections – when will those features be available? I need a complete solution now.

Actions Performed

- Read about features.
- Fill out the contact form.

Suggestions

- Provide a roadmap for future feature releases.
- Offer a free trial or demo of the full application.
- Include case studies and testimonials.

David Lee, 22

Persona:David is a recent computer science graduate and currently works as an IT support staff at a medium-sized school. He's tasked with researching and recommending new software solutions for the school. He is very technical and enjoys staying up-to-date with the latest technology trends.

Overall Rating
★★★★☆

As an IT support staff, I'm interested in the technical aspects of this application. I need more details about the system architecture, data security measures, and integration capabilities. The 'Segera Hadir' sections are concerning – what's the development roadmap?

Actions Performed

- Explore the technical specifications.
- Evaluate the security features.

Suggestions

- Provide a technical documentation section.
- Include information about security measures.
- Offer API documentation for integration purposes.

Sarah Chen, 30

Persona:Sarah is a tech-savvy teacher at a progressive school. She's always looking for new tools to enhance her teaching and make her classroom more engaging. She is very skeptical and wants proof the software works as described before recommending.

Overall Rating
★★★★☆

Okay, this looks promising, but I'm a bit skeptical. Show me the proof. I need to see case studies, testimonials, and maybe even a live demo before I can fully trust this. And what's up with the 'Segera Hadir' stuff? Are the key academic features even ready yet?

Actions Performed

- Read about the academic features.
- Look for case studies and testimonials.

Suggestions

- Add case studies showing student improvement.
- Include teacher testimonials focused on ease of use and time savings.
- Offer a free trial with limited functionality.
- Develop a clear roadmap for future development.

Print Report