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Accessibility/Heuristic Report on [name of site]: Key Findings

Original Site URL: <https://smba.lertprograms.com/>

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URL of recoded site: [...]

Methods

A combination of manual testing, automated tools, and screen readers was used to conduct the accessibility/heuristic report of the Singletrack Mountain Bike Adventures (SMBA) website. Manual testing involved visually inspecting the website to ensure adherence to accessibility standards and checking for the proper use of semantic HTML elements, such as headings, labels, links, and alternative text. Automated testing tools played a crucial role in identifying specific accessibility issues: the WAVE (Web Accessibility Evaluation Tool) was utilized to detect problems like missing alt text, contrast errors, and improper heading structures. This tool also helped provide reports on WCAG compliance violations. The Web Developer extension on Chrome was also used to facilitate testing by highlighting specific elements and providing quick access to various tools for inspecting web pages. Additionally, a high contrast extension was employed to evaluate the readability and usability of the website under high contrast settings. To assess the user

experience for those relying on assistive technology, screen readers such as NVDA (NonVisual Desktop Access) were used to test the website's interaction with these tools, ensuring that content was accessible and navigable for all users. This comprehensive approach allowed for a thorough evaluation of the site's accessibility and informed the recommendations for improvement.

Detailed Findings

Accessibility

Section	Item	Heuristic Questions	Your findings	Recommendation and WCAG 2.1 language
Structure	Headings	<ul style="list-style-type: none">• Are there headings on the page not just text that looks like a heading but that is marked up as a heading: i.e. <h1> <h2> etc.?• Is the page organized appropriately? In other words <h1> should describe the main purpose of the page; <h2> is a major section of the page; <h3> a subsection of an <h2> section.	The home page is missing a level 1 heading. There are also 2 empty headings, meaning there is an <h3> element in the code but it has been given no content. Overall there is a lack of heading use throughout the website with most pages just containing large bodies of text.	Ensure that every page, especially the home page, includes a level 1 heading (<h1>) that describes the main purpose of the page. Remove or provide content for empty headings (<h3>). Utilize appropriate headings (<h1>, <h2>, <h3>, etc.) to structure content, making it easier to navigate and understand (1.3.1, 2.4.6).

Section	Item	Heuristic Questions	Your findings	Recommendation and WCAG 2.1 language
Navigation	Navigation bar	<ul style="list-style-type: none"> • Is the navigation bar easy to find and use? • Is it placed consistently across all pages? • Is it keyboard accessible? 	<p>There are two navigation bars stacked on top of one another which is easy to find but very confusing to understand and navigate. They are placed consistently at the top of every page. However, it is not keyboard accessible as users cannot tab through some of the different page options.</p>	<p>Simplify navigation bar and condense page options under more dropdown menus. Ensure all menu items can be navigated using the keyboard, including dropdown menus. Implement focus indicators and ARIA roles to enhance accessibility. (2.4.3, 2.4.6).</p>
Images	Alt text for images	<ul style="list-style-type: none"> • Do images have descriptive alt text? • Are images relevant to the content? • Are decorative images marked appropriately? • Are images properly sized for different devices? • Do images have captions or descriptions where necessary? • Are images accessible through keyboard navigation? 	<p>Most images are lacking descriptive alt text and are instead just marked with empty alt attributes (alt: "") which should only be used for decorative images. The logo image for the website features text in the form of an image but the alt text is missing this transcription. Images are properly sized for different screen and device sizes. None of the images have captions or descriptions beside alt text. Most images are accessible through keyboard navigation, however the focus indicator for this action is very subtle and hard to recognize.</p>	<p>Ensure all meaningful images have descriptive alt text that accurately describes their content and purpose. Only use empty alt attributes (alt: "") for decorative images. Provide transcription for any text within images, such as the logo. Add captions to images to provide additional context, such as the location and occasion. Improve the visibility of the focus indicator for keyboard navigation so that the selected image is easily recognizable (1.1.1, 1.4.13, 2.4.7)</p>

Section	Item	Heuristic Questions	Your findings	Recommendation and WCAG 2.1 language
Forms	Form fields	<ul style="list-style-type: none"> • Are form fields appropriately labeled? • Are error messages descriptive and consistently placed? • Are all required fields clearly indicated? • Is the form submission feedback accessible? • Is there a visible focus indicator for each form field? 	<p>The email form element that is in the footer on every page is labeled appropriately. Required sections were also marked with a red astrisk. Error messages are descriptive stating what might be wrong with your attempted submission. For instance I tried to submit some random letters as an email but it gave me an error message stating that I needed an "@" and that my email must be in "name@email.com" format. When I did submit a working email there was a feedback message that I had been subscribed and addition informtaion about how to unsubscribe.</p>	<p>Ensure all form elements throughout the website are as well-implemented as the email form element. Keep consistency in labeling, error messaging, and feedback across all forms on the site. Also, make sure focus indicators are clear (3.3.1, 3.3.2, 3.3.3, 3.3.4)</p>

Section	Item	Heuristic Questions	Your findings	Recommendation and WCAG 2.1 language
Contrast	High contrast settings	<ul style="list-style-type: none"> • Is there sufficient contrast between text and background colors? • Does the site maintain readability in high contrast mode? • Are links distinguishable from surrounding text? • Is there sufficient contrast for text in images or overlaid on background images? • Is contrast maintained during hover and focus states? 	<p>White text on an orange background (#D27F28) has a poor contrast ratio of: 3.08:1. This combination is used for elements in the footer as well as the registration button that's part of the navigation bar. The majority of body text is black on a white background which has good contrast and maintains readability in high contrast mode. Large white text is overlaid on multiple images which has good contrast as well. More contrast issues arise under hover states, specifically, links on the yellow nav bar change from a navy blue to a light grey when hovered over. This yellow and light grey combination has a very poor contrast ratio: 1.16:1</p>	<p>Improve contrast ratios to meet accessibility standards. For the white text on an orange background, darken the orange to achieve a contrast ratio of at least 4.5:1. In the footer, only use white for the text on dark grey, no orange. Similarly, remove the yellow navigation bar so that there is only one nav bar that is grey and has sufficient color contrast. Ensure that during the hover state the color of links on the new navigation bar have a contrast ratio of at least 4.5:1. (1.4.3, 1.4.11)</p>