

Client Project Deliverable 3

1. Mobile-First Design

- **Implementation:** The project applies a mobile-first design by setting up basic styles for smaller screens and enhancing the layout for larger screens using media queries. The main content section utilizes a single-column grid layout to fit content neatly on mobile devices.
 - **Dropdown Menu:** The dropdown menu is implemented with a button element that opens a list of options. This design ensures easy touch interaction on mobile devices, making it user-friendly.
 - **Responsive Images:** Images on the site are configured to occupy 90% of the screen width with rounded borders. This ensures that images fit well within the mobile view and maintain a consistent appearance across devices.
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2. CSS Quality

- **Reset CSS:** A separate CSS reset file is used to normalize styles across browsers, eliminating inconsistencies in element behavior.
 - **Modular CSS:** The CSS is structured into reusable components, such as the header and dropdown, which are styled using flexbox for consistent alignment and spacing.
 - **Dark Mode Support:** A media query detects user preferences for dark mode, dynamically adjusting colors. For example, the header switches to a darker background, and text colors shift to ensure readability.
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3. Animations

- **Dropdown Animations:** Smooth transitions are used for dropdown menus, with background colors changing gradually when a user interacts with the button.
 - **Reduced Motion Support:** The prefers-reduced-motion media query disables animations for users who prefer minimal motion, improving accessibility without compromising usability.
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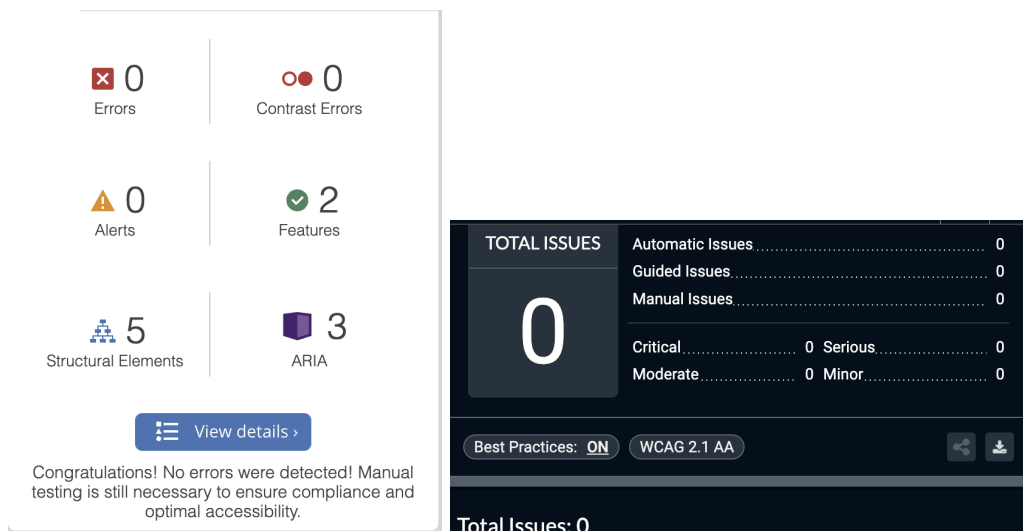
4. Accessibility

- **WAVE and aXe Validation:** The entire site has been tested with WAVE and aXe tools, passing all accessibility checks with no major issues reported.
- **Skip-to-Content Link:** A skip link is included on athlete pages, allowing screen reader users to quickly jump to the main content without navigating through the entire page.
- **Keyboard Accessibility:** The dropdown menu is fully accessible using a keyboard, with focus indicators highlighting the current element for users navigating with the tab key.

5. Presentation and Clarity

- **Organized Files:** The project files are organized logically, with each athlete's page structured similarly to maintain consistency across the site. Each section, like seasonal records and race results, is clearly labeled to enhance readability.
- **Consistent Layout:** Pages share a uniform layout with headers, footers, and tables following the same design pattern, creating a cohesive user experience. The navigation links are fully functional, leading to the correct destinations.
- **Commented Code:** CSS and HTML files are well-commented, making the code easy to follow for other developers. Each major section includes comments explaining the purpose of the styles and structure.

Validator Images (Index.html):



The image shows two side-by-side screenshots of accessibility validation results. The left screenshot is from WAVE, showing a summary of issues: 0 Errors, 0 Alerts, 5 Structural Elements, 0 Contrast Errors, 2 Features, and 3 ARIA. A message at the bottom says 'Congratulations! No errors were detected! Manual testing is still necessary to ensure compliance and optimal accessibility.' The right screenshot is from aXe, showing a 'TOTAL ISSUES' summary of 0. It breaks down issues into Automatic (0), Guided (0), and Manual (0). It also shows severity levels: Critical (0), Serious (0), Moderate (0), and Minor (0). At the bottom, it indicates 'Best Practices: ON' and 'WCAG 2.1 AA'.

Category	Count
Errors	0
Alerts	0
Structural Elements	5
Contrast Errors	0
Features	2
ARIA	3

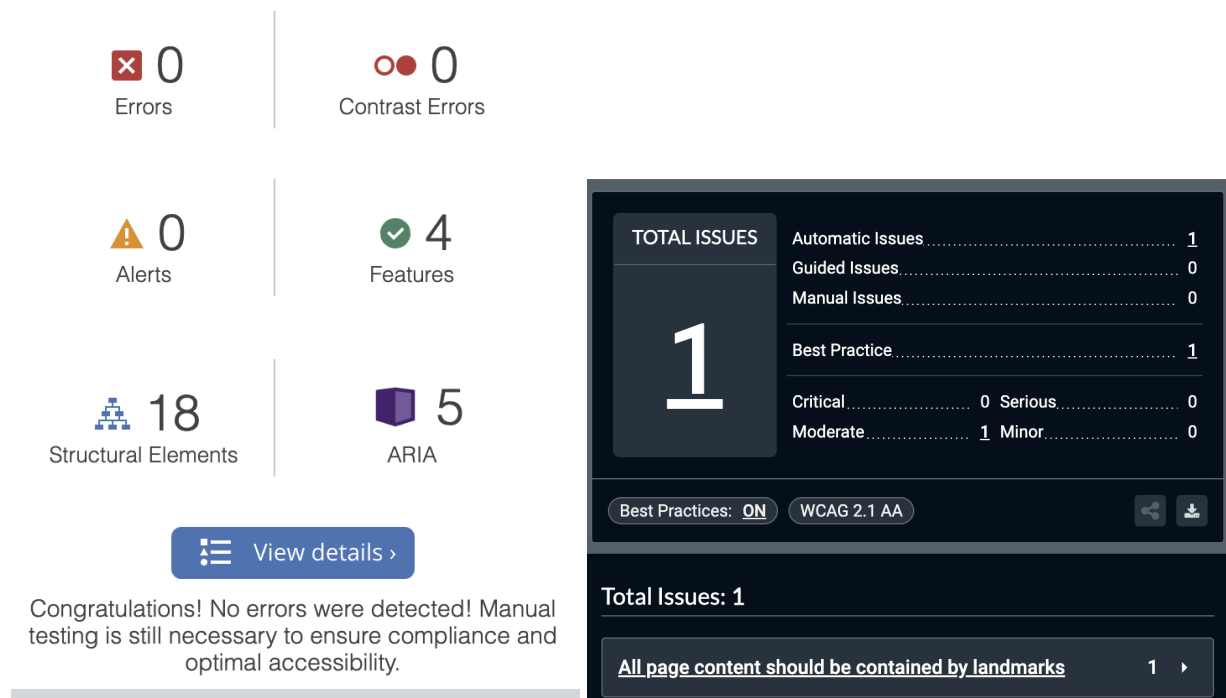
Congratulations! No errors were detected! Manual testing is still necessary to ensure compliance and optimal accessibility.

TOTAL ISSUES	
0	
Automatic Issues	0
Guided Issues	0
Manual Issues	0
Critical	0
Serious	0
Moderate	0
Minor	0

Best Practices: ON WCAG 2.1 AA

Total Issues: 0

Validator Images (athlete.html):



The reason why there is one moderate error on the axe dev tools regarding the athletes.html site is due to the fact that the athlete's name and image are under a <div>. I did it this way because I didn't want those to be under the header, since the page name and links are the header, and I also didn't want to include it under main content so the accessibility button to "skip to main content" would actually be useful. I also didn't think it was necessary to change it since aXe tells me it is a moderate error and not critical or even serious.

Links:

Repository -> <https://github.com/Hans912/CPD3>

Website -> <https://hans912.github.io/CPD3/index.html>