Accessibility conformance test report

Page evaluated: https://ms24adq.github.io/Registration-Page-Coursework/registration%20(1).html

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Summary of the conformance test

The final WAVE conformance test shows that the webpage is now in a much better state than before, with 0 errors and 0 contrast errors, which confirms that it meets the requirements for WCAG 2.2 Level AA. The tool still reports 6 alerts, but these are not failures and relate to areas that would need more information or design decisions to address fully, such as the embedded YouTube video or best-practice warnings around layout and interaction. These have been noted for future improvement. The test also identifies 16 accessibility features, 1 use of ARIA, and 20 structural elements, which shows that the page is using good semantic structure and accessible markup. Overall, the final test demonstrates that the major accessibility issues have been fixed, and the page now conforms to the expected standard.
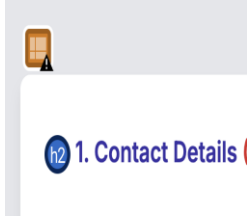
-YouTube video alert, video is external content, so I cannot edit or add accessibility features like captions. Users rely on YouTube's own accessibility options.
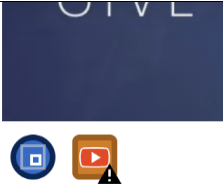
-Layout table, the layout table comes from the original template. Changing it would require redesigning the page structure.

-Device-dependant event handler, onclick and similar events were part of the original functionality. Replacing them requires extra JavaScript, so they were left for a future update.

-Missing fieldset, adding a fieldset would require restructuring the form section, so it was left unchanged for now as the controls remain functional.

Results of the conformance test

Alert, Missing fieldset		A *fieldset* groups related form elements, such as checkboxes or radio buttons, and provides a legend that screen readers can identify as the description of the group	If a group of checkboxes or radio buttons needs a descriptive label, wrap them in a fieldset and place the description in a legend	• 1.1.1 Non-text Content (Level A) • 1.3.1 Info and Relationships (Level A) • 2.4.6 Headings and Labels (Level AA) • 3.3.2 Labels or Instructions (Level A)
Alert, Device dependent event handler		The current JavaScript events don't work equally for mouse and keyboard users, so key interactions need to be device-independent to be accessible	Ensure important features are accessible by using device-independent event handlers that work with both keyboard and mouse, or by providing separate handlers for each	• 2.1.1 Keyboard (Level A)
Alert, Layout table		Layout tables should not be used in HTML5 because they only position content visually and can confuse screen readers by creating incorrect reading and navigation order	Replace layout tables with HTML/CSS, or if kept, make the reading order clear and mark them as role="presentation"	• 1.3.1 Info and Relationships (Level A) • 1.3.2 Meaningful Sequence (Level A)

| Alert, youtube video | | Ensure videos with audio include accurate, synchronized captions, as YouTube's auto-generated captions are not usually sufficient | Make sure the YouTube video includes equivalent, properly timed captions | • [1.2.1 Prerecorded Audio-only and Video-only (Level A)](#)
• [1.2.2 Captions (Prerecorded) (Level A)](#)
• [1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)](#) |

⊠ 0

Errors

◐ 0

Contrast Errors

⚠ 7

Alerts

✔ 16

Features

⛓ 20

Structure

◧ 1

ARIA

Congratulations! No errors were detected! [Manual testing](#) is still necessary to ensure compliance and optimal accessibility.

[AIM Score](#): 9.8 out of 10