Accessibility WriteUp:

Test 1:

ADA: NOT COMPLIANT WCAG: NOT COMPLIANT

Issue: Screen reader and assistive technology issue as some buttons do not have name such as in the nav bar (<button class="focus:outline-none">).

Fix: Add a name by using aria-label

Issue: Visual and structural accessibility issues as the background and foreground do not have high enough contrast. The spots where this is an issue is , <h2 class="text-3xl font-bold mb-4">, .

Fix: Change dark colors to be darker and bolder and light colors to be lighter

Tests that passed:

- 1. Image elements do not have `[alt]` attributes that are redundant text.
- 2. Heading elements appear in a sequentially-descending order
- 3. List items ('') are contained within '', '' or '<menu>' parent elements
- 4. Lists contain only '' elements and script supporting elements ('<script>' and '<template>').
- 5. Links have a discernible name
- 6. Form elements have associated labels
- 7. Image elements have `[alt]` attributes
- 8. '<html>' element has a valid value for its '[lang]' attribute
- 9. '<html>' element has a '[lang]' attribute
- 10. '<frame>' or '<iframe>' elements have a title
- 11. Document has a '<title>' element
- 12. `[aria-*]` attributes match their roles
- 13. ARIA attributes are used as specified for the element's role
- 14. Deprecated ARIA roles were not used
- 15. `[aria-hidden="true"]` is not present on the document `<body>`

- 16. Elements use only permitted ARIA attributes
- 17. `[role]`s have all required `[aria-*]` attributes
- 18. '[role]' values are valid
- 19. `[aria-*]` attributes have valid values
- 20. `[aria-*]` attributes are valid and not misspelled
- 21. Values assigned to `role=""` are valid ARIA roles.
- 22. Touch targets have sufficient size and spacing.
- 23. `[user-scalable="no"]` is not used in the `<meta name="viewport">` element and the `[maximum-scale]` attribute is not less than 5.

Some Resources for Testing and Accessibility:

Accessibility: Accessibility Checker - ADA & WCAG Compliance (Free Scan)

Pro

- only requires url
- Free and simplistic
- Checks both ADA and WCAG

GSA Accessibility (Governmental): Federal website standards

- -Pro:Free, simplistic and uniform to all other gov websites
- -Con: Must plan to evaluate your compliance with the three pending standards.

Accessibility To Do Before Testing:

-Alt text for images

Ex: HRDC logo

- -add translate option to all text (a feature that exists on google already?)
- -form intro labels
 - -the search bar needs one!

HCI Testing: This format can work both in person and remote

Test Action	Able to complete (Y/N)	Issues and or Confusion
From home login		

From home view announcements	
From home search for content	
From home go to Staff page	
From staff page go back to home	
From home go to links	
From home go to Frequently asked questions	