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Accessibility Evaluation

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Accessibility Evaluation

Evaluate the front-end of the website that you built for accessibility for users with disabilities. Note that this lab assumes the use of Chrome or Firefox browsers; tools may be unavailable on other browsers.

1. Browse/interact with the website several times, each time using one of the following conditions, each simulating a different disability:

- With eyes closed / monitor turned off, using screen-reader software. If you have a Mac, Apple VoiceOver is built in. If you have a PC, a free Windows download is [NVDA](#).
Simulates visual impairment: blindness
- Viewing the site through a color-blindness simulator (e.g. in [Firefox Developer Tools](#) or [Chrome DevTools](#), or using [Color Oracle](#)).
Simulates visual impairment: color-blindness
- Sitting ten feet away from the monitor or using the blurred vision simulator in Chrome DevTools
Simulates visual impairment but not full blindness.
- With the volume turned off.
Simulates auditory impairments.
- With the mouse removed from the computer, or disabling the touchpad in a laptop.
Simulates physical impairments as well as the challenges of visually-impaired users who cannot use the mouse

Write a detailed summary of your experiences, including any recommendations to fix the site to make it more accommodating for people with disabilities.

2. Check your site using automated review tools:

- [W3 Easy Checks](#)
- WAVE Web Accessibility Tool using a [Firefox](#) or [Chrome](#) extension.

Make a list of any problems/changes recommended by the check.

3. Create a persona of a user of your site who has an impairment (visual, auditory, physical or cognitive/neurological) and write a scenario involving that persona and the current site.

4. Now fix your site, using the changes that you suggested in steps #1 and #2. Make a detailed list of the changes that you made and why (e.g. file MyCode.html, line #73: changed "blahblahblah" to "this" because I noticed probl