

Assignment #12

Using “Easy Checks” to Evaluate Web Pages

(Report – 64 pts.)

(Optional Peer Review – 9 pts.)

Objectives:

- To demonstrate how to evaluate web pages
- To practice linking accessibility issues to the WCAG guidelines

After reading the instructions under Module 7, Section 7.2, follow the instructions and answer the questions below. Write and, when appropriate, paste your answers within this document. “Save as” the document and include your name in the file name. Upload it to assignment area #12.

Additional videos on some topics are also offered as an additional resource if you would like to learn about the topic in a multimedia format.

Which of the example sites provided are you evaluating for this “Easy Checks” exercise? Enter the URL here: https://boulder.docupet.com/en_US/licensing

Page Title

[10 points – 2 for each question]

Optional / Additional Resources:

- This [video from Deque](#) succinctly but thoroughly explains page title accessibility, best practices and how to check its content (5:15).
- This [video from TetraLogical](#) more briefly explains the same topic (54 seconds).

Items to Evaluate

- What is the title of the page?
 - "Pet licencing in Boulder | Home"
 - Does it adequately and briefly describe the content of the page? Briefly explain why or why not.
 - Yes, the title adequately and briefly describes the content of the page because it clearly indicates that the website is about pet licensing in Boulder and the current page is the home page.
 - Is the title different from other pages on the website, and adequately distinguished from the other pages on the site? Briefly explain.
 - Yes, the title is a little different from other pages on the website. Most titles start with "Pet licencing in Boulder" and then provide an additional keyword for the specific page. For example, other pages are titled "Pet licencing in Boulder| Safe And Happy Fund" and "DocuPet - Basket".
 - Look at a few other pages on the site you are testing. Are they adequately titled according to the guidelines provided in Easy Checks? Briefly Explain. (Remember to look at the "Tips" section under "Page Title" for *Title* best practices).
 - Yes, other pages on the site are adequately titled. Each page has a unique and descriptive title that briefly summarizes its content. However the format is not 100% consistent and I don't think each title needs to include "Pet licencing in Boulder".
 - Which guideline and sub-guideline (i.e. success criteria) does this issue fall under in WCAG? Include the conformance level (i.e. A, AA or AAA).
 - This issue falls under WCAG 2.4.2 Page Titled - Level A
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Image text alternatives ("alt text")

[12 points]

Read all the visible content and open and read all the sections under "Tips" and then, under "Alt text checks," open up and read "To check alt text with WebDev toolbar" and "To check alt text with any browser."

- Does every image have appropriate alternative text? If not, which ones are lacking or have inadequate alt text? You can provide a screen shot of the images that lack or have inadequate alt text. (5 pts.)

- o No, not every image has appropriate alternative text. There are multiple images with inadequate alt text, specifically just on the home page, 1 nearby image has the same alternative text and there are 27 empty links that likely correspond to images lacking proper alt text or descriptive labels.
- What should the alt text be for the images for the ones you identified above? (5 pts.)
 - o For the empty links that likely correspond to images, assign appropriate alt text describing the image or its purpose. If an image is decorative and doesn't convey information, it should have an empty alt attribute (alt="").
 - o For the image with the same alternative text, ensure that each image has a unique description. At the moment they both say "Pet tag" so being more specific with the information on the pet tag might be useful leaving one as a decorative element.
- Which guideline and sub-guideline does this issue fall under in WCAG? Include the conformance level (i.e. A, AA or AAA). (2 pts.)
 - o This issue falls under WCAG 1.1.1 Non-text Content - Level A.

Headings

[10 points - 2 points for each question]

Items to Evaluate

- Are there headings on the page, including a heading 1?
 - o No, there is no heading 1 on the home page. The page has multiple heading 2 elements but lacks a top-level heading 1
- Is all text that looks like a heading marked up as a heading? If not, explain why.
 - o No, not all text that looks like a heading is marked up as a heading. There are 17 possible headings identified that are visually styled to look like headings but are not marked up with proper heading tags. These might be bolded or use larger font sizes but lack the correct semantic tags.
- Does each heading identify its section of the content? If not, explain why.
 - o No, each heading does not identify its section of the content effectively. The absence of a heading 1 means there is no clear top-level heading to define the main topic of the page. Additionally, the image carousel on the home page

features several h2's that are used more as slogans than descriptive headings for content.

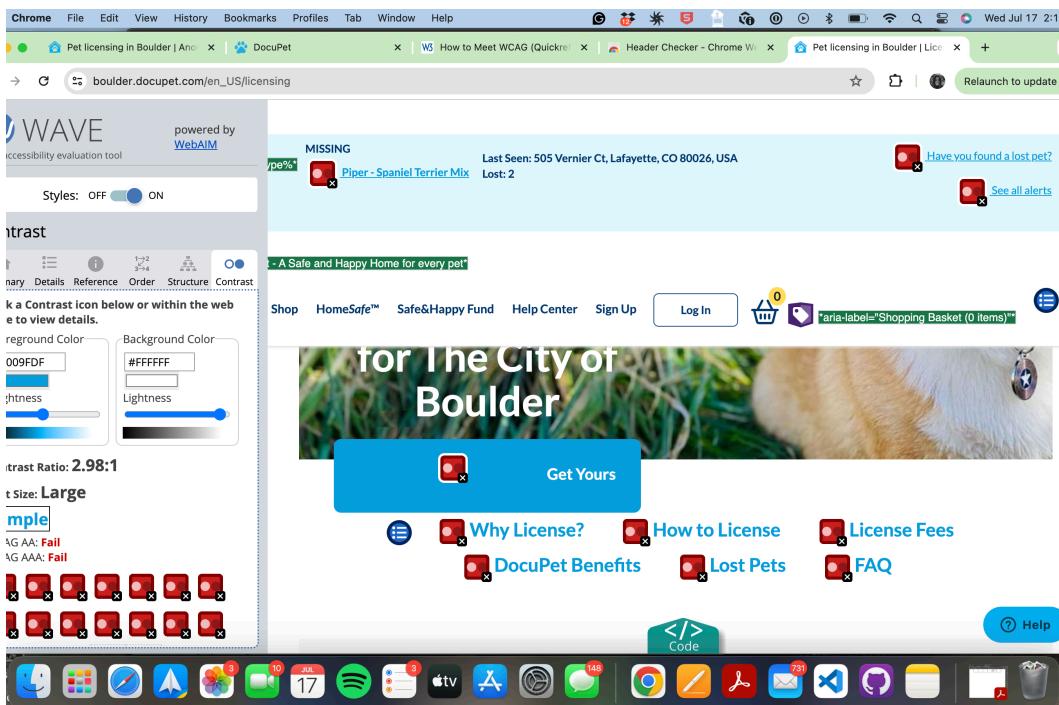
- Is there a meaningful hierarchy on the page? Explain why or why not and write out the heading structure below (or paste it or provide a screen shot if you used the “outline heading” tool in the *Web Developer Toolbar* or another tool).
 - No, there is not a meaningful hierarchy on the page. The page lacks a heading 1, and the existing heading 2 elements are not part of a well-defined hierarchical structure.
 - Some headings are split into 2 separate h2 elements to apply different styles however it should be split with different heading levels such as h2 and h3, see structure below.
 - H2: Licensed to
 - H2: explore.
 - H2: Licensed to
 - H2: adventure.
 - H2: Licensed to
 - H2: camp.
 - H2: Licensed to
 - H2: play.
 - H2: Licensed to
 - H2: snack.
 - H2: The official pet licensing partner of the City of Boulder
 - H2: Looking for Voice & Sight?
 - H2: Look Good, Do Good
 - H2: Our most 😍 styles
 - H2: It's personal(ized)
 - H2: These tags work hard
 - H2: Powered by HomeSafe™
 - H2: Tags that save pets

- o H2: Questions? We've got answers
- o Footer
 - H2: DocuPet
 - H2: Get Help
 - H2: Contact Us
 - H2: Connect With Us
- Which guideline and sub-guideline does this issue fall under in WCAG? Include the conformance level (i.e. A, AA or AAA).
 - o This issue falls under WCAG 1.3.1 Info and Relationships - Level A

Contrast ratio ("color contrast")

[8 points]

Screenshots in image carousel



Contrast Ratio: 2.98:1

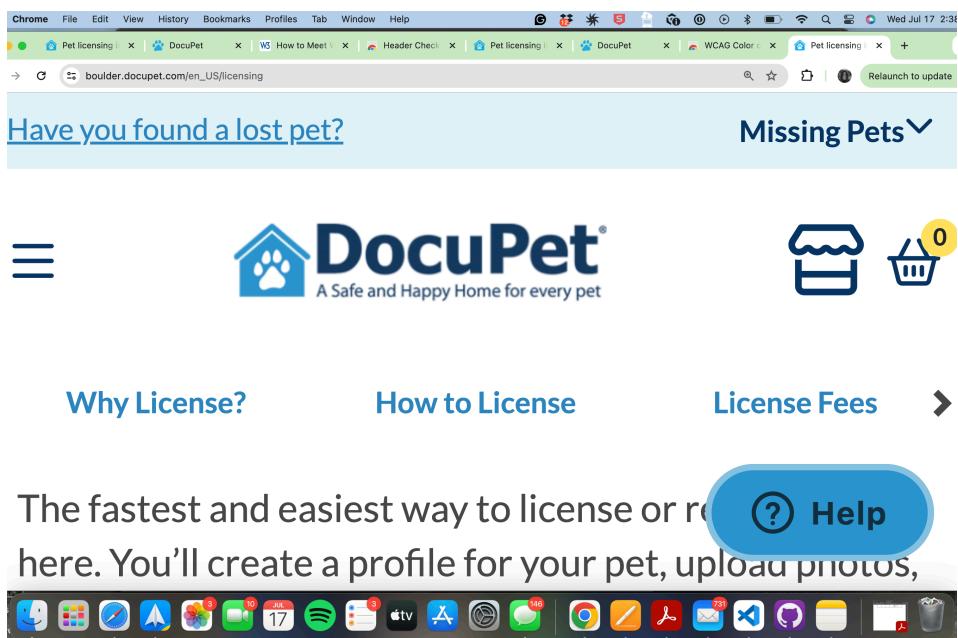
1. Indicate which guideline and sub-guideline this issue falls under in WCAG. Include the conformance level (i.e. A, AA or AAA).
 - a. This issue falls under WCAG 1.4.3 Contrast (Minimum) - Level AA
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Resize text

Look for the items mentioned in “What to check for”. Do you see any of these problems on your test page? Make sure you scroll down the whole page. If so, what are the issues? (3 pts.)

- There are no problems enlarging text on the website.
 - All text gets larger
 - No text disappears or gets cut off
 - Content does not overlap
 - There is no horizontal scrolling needed for either images or text fields
 - All buttons and form fields are visible and usable
 - The navigation bar changes format as text is enlarged, some link titles turn to icons instead of words, for example the “Shop” button on the nav bar turns into a shop storefront icon

Screenshots



Help button is enlarged, “shop” button turns into icon, text is enlarged

Figure 3 Screen Shot from [Resize Text Check](#)

Which guideline and sub-guideline do the issues above fall under in WCAG? Include the conformance level (i.e. A, AA or AAA). (2 pts.)

- WCAG 1.4.4 Resize Text - Level AA

Extra Credit:

For 3 points extra credit, find a website where readability is lost or diminished at 200% enlargement.

Provide the URL and paste a screen shot of the issue and briefly explain the issue. It could be as brief as “overlapping text” or “horizontal scrolling required to view page.”

Keyboard access and visual focus

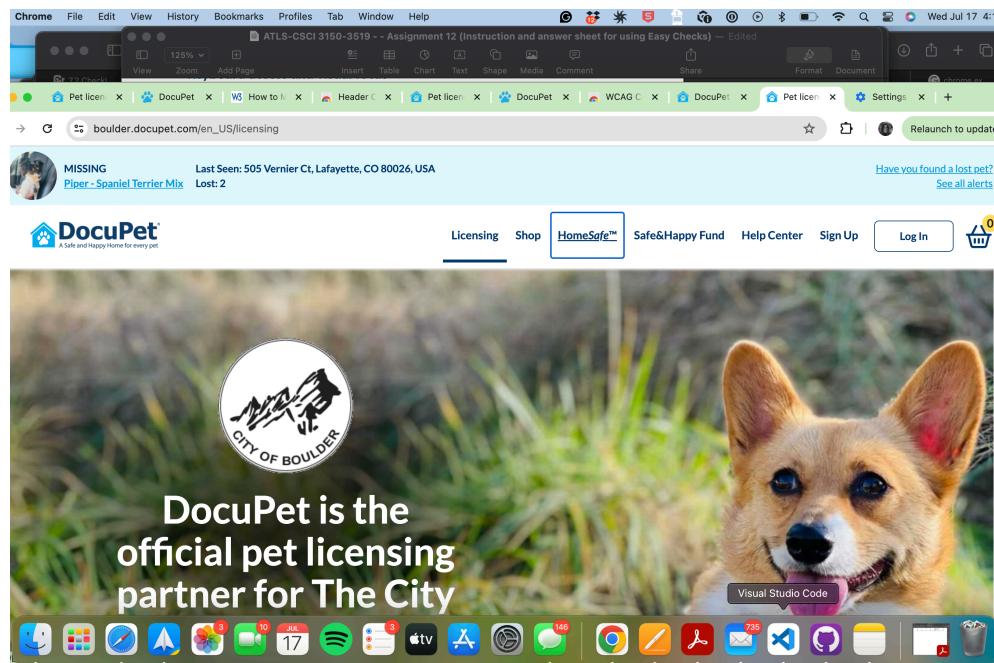
[8 points]

Do you see any of the issues mentioned in “What to check for” on your test page? What are they? (6 pts.)

- On the home page, a user can tab to all elements
- Shift + tab also works to move backward through the order and the arrow keys allow the user to scroll down the page
 - There were no dropdown menus
- Phone numbers and other links were highlighted with a blue box
 - Difficult to see when some of the image links in the carousel were selected

Which guideline and sub-guideline does this issue fall under in WCAG? Include the conformance level (i.e. A, AA or AAA). (2 pts.)

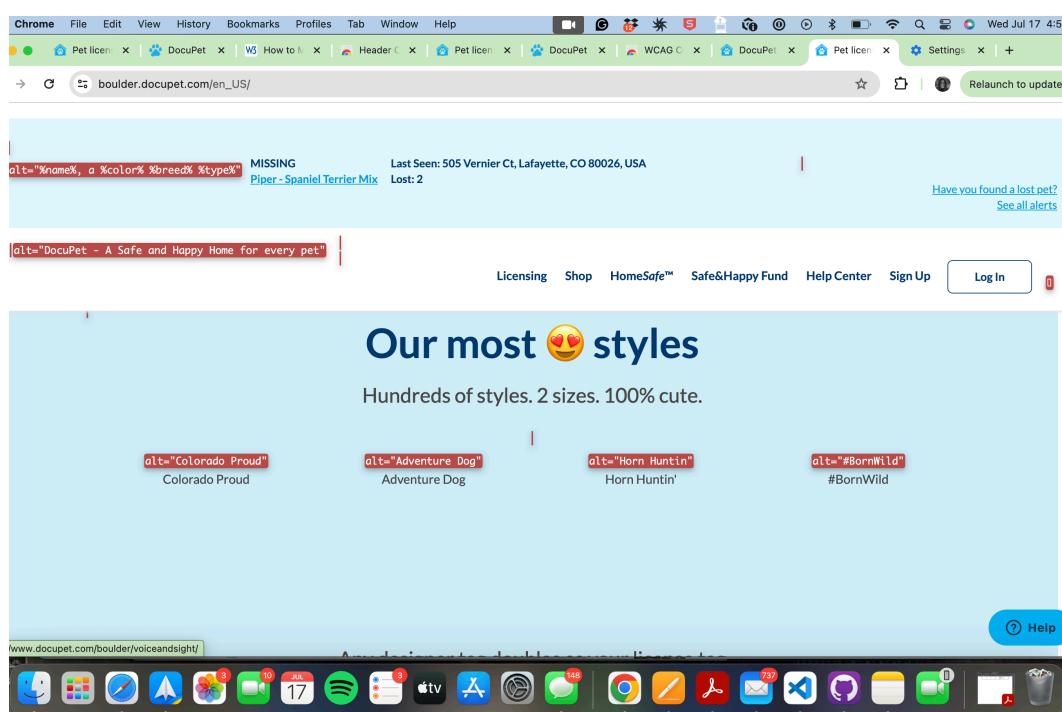
- This issue falls under WCAG 2.4.7 Focus Visible - Level AA



Blue box around navigation bar selection

Basic Structure Check

[8 points]



Alt text for images

- Do you see any of the issues mentioned in “What to check for” on your test page? What are they? (6 pts.)
 - some sections do not maintain a logical reading order when styles are disabled.
The navigation order is confusing when using assistive technologies.
- Which guideline and sub-guideline does this issue fall under in WCAG? Include the conformance level (i.e. A, AA or AAA). (2 pts.)
 - This issue falls under WCAG 1.3.2 Meaningful Sequence - Level A

Where to Submit: Assignment #12 *discussion area*

- Note: the link for the peer review will be on the right side of the assignment window and will be available a day after the due date for the assignment itself.