

Lab 4 - Website Accessibility Assessment

Objective:

The objective of this assignment is to gain a better understanding of WCAG 2.1 guidelines by performing a web accessibility evaluation from one of the sites listed below. The web content accessibility guidelines are organized into 4 categories (Perceivable, Operable, Understandable, and Robust). The purpose of this assignment is not only to perform an accessibility review of a webpage, but to explore and learn more about each guideline as you evaluate whether or not the guideline pass, fails, can not be determined, is not present, or is not checked.

Instructions:

Using the WCAG-EM Report Tool (<https://www.w3.org/WAI/eval/report-tool>) provided by the W3 Web Accessibility Initiative you will conduct an accessibility review of the homepage of **one** of the sites listed below. The tool will generate a report once each of the Level A, AA guidelines has been evaluated.

- 1) IMAX Homepage - <https://www.imax.com/>
- 2) Brookfield Zoo Homepage - <https://www.czs.org/BrookfieldZoo>
- 3) Capitol Records Homepage - <https://www.capitolrecords.com/>
- 4) The Field Museum Homepage - <https://www.fieldmuseum.org/>

Step 1: Using the Wave accessibility tool (<https://wave.webaim.org/>), evaluate the site's accessibility and take note of the feedback presented. The reference tab on the wave site provides context on the accessibility-related matter. Use the findings from this evaluation to help guide your feedback for the WCAG-EM Report.

Step 2: Review the overview tab and complete steps 1 and 2 of the WCAG-EM Report. The "show info." provides greater detail of what is expected for each section of the report. For step 2, you will only evaluate the HTML, CSS, and WAI-ARIA tags.

Step 3: As you work through each guideline under "Audit Sample", make sure to research each guideline and provide an outcome and observation of how the guideline is met or not met.

- WCAG QuickReference to help define guidelines - <https://www.w3.org/WAI/WCAG21/quickref/>

Step 4: Click on the "View Report" tab and select the Download Report (HTML). Submit the report as an HTML document to Sakai.

Deliverables:

- A generated HTML accessibility report documenting the evaluation.

Assessment Criteria:

- The comprehensiveness and accuracy of the accessibility evaluation
- The quality and specificity of the recommendations provided

Submission:

Submit your sitemap and response to step 3 prior to the due date and time listed in Sakai. Acceptable submissions include .docx and .pdf extensions.

