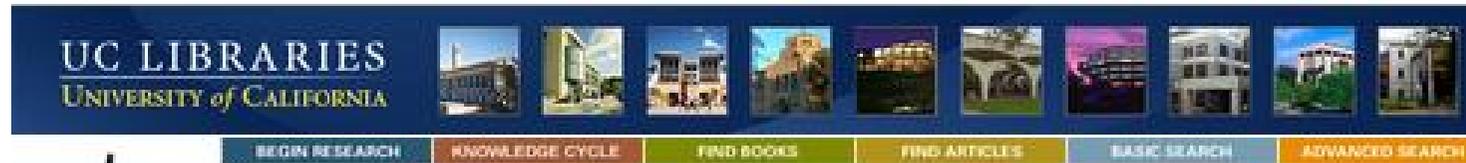


Project 4: Accessibility of a library tutorial

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Problem: Accessibility of a Library Tutorial



UC LIBRARIES
UNIVERSITY of CALIFORNIA

BEGIN RESEARCH KNOWLEDGE CYCLE FIND BOOKS FIND ARTICLES BASIC SEARCH ADVANCED SEARCH

1 of 17



BEGIN RESEARCH

- Assignment
- Topic
- Keywords
- Resources
- Quiz

“Where Do I Start?”

Do you have an assignment to write a research paper but you’re not sure where to start? Take a deep breath and begin by carefully reading the assignment requirements. This will help you understand the work you need to do.

First, let’s think about what we mean when we say “research.”



Background

What is web accessibility?

- Web accessibility means that people with disabilities can use the web.
- Web accessibility also benefits others, include older people with changing abilities due to aging.

Why is web accessibility important?

- Web accessibility provides equal access and equal opportunity to people with disabilities.
- Web accessibility is required by law and policies in some cases.

Web Content Accessibility Guidelines 2.0

- a wide range of recommendations for making Web content more accessible

Goals

Assure level AA of compliance in the library tutorial:

1. Check with WCAG 2.0: Which part of the tutorial already meet the accessibility standards, which part not. And provide a full assessment of the tutorial.
2. Which users are most likely to be affected by the accessibility issues.
3. What changes should be implemented to ensure level AA compliance.
4. Prioritize these changes based on time cost, benefits.

Deliverable: Report with all items numbered above.

Methods and Evaluation

1. Heuristic Evaluation

- Experts x Ourselves
- Usability rules x Accessibility rules (WCAG 2.0)

2. Automated test tools provided by Webaim.org and <http://www.w3.org/WAI/RC/tools/complete>

Plan Overview

Read guideline documentation ~ 200 pages

Tutorial Website (6 tabs)

- Begin Research (17 pages)
- Knowledge Cycle (16 pages)
- Find books (15 pages)
- Find articles (10 pages)
- Basic Search (19 pages)
- Advanced Search (15 pages)

Total of 92 pages per person to check

Merge the results and write the final document

Detailed Plan

Week 1 Oct 16 - 22	<ul style="list-style-type: none">- Read the guideline	Tiago/Jung-Yin/Yubo
Week 2 Oct 23 - 29	<ul style="list-style-type: none">- Check the website against the guideline rules to ensure AA compliance- Identify the users affected by the accessibility issues- Meet with Matt to get feedback about our initial findings	Tiago/Jung-Yin/Yubo Tiago/Jung-Yin/Yubo Tiago/Jung-Yin/Yubo
Week 3 Oct 30 - Nov 5	<ul style="list-style-type: none">- Check the website against the guideline rules to ensure AA compliance- Identify the users affected by the accessibility issues- Meet with Robert (Accessibility test expert)- Run the automated test tools	Tiago/Jung-Yin/Yubo Tiago/Jung-Yin/Yubo Jung-Yin Tiago/Yubo
Week 4 Nov 6 - Nov 12	<ul style="list-style-type: none">- Analyse the results generated from tools and group member's inspection- Merge the results in only one document- Prioritize the list of suggested changes (using as metric the size of the change x impact)- Prepare the final version of the deliverable document	Tiago/Jung-Yin/Yubo Yubo Tiago/Jung-Yin Tiago