

Final Exam (Take Home)

CSE 4461 Hypermedia and Multimedia Technology, W14

weight: 10%

Instructions and Comments

1. Prepare your answers independently; discussion and/or collaboration with other class members or other individuals is not permitted.
2. Answer **one** question from Group A. Answer **one** question from Group B. Answer **one** question from Group C. It is your choice which question you answer. Just be sure that you answer three questions, one from each group.
3. Answers to each question should be approximately 1-1.5 pages each (approx 500-700 words).
4. If you refer to a paper, provide full citations information at the end of your answer (not be included in word count)
5. You may use any materials from the course or the library.
6. Answers will be marked using letter grades. The criteria will be the clarity of your written answer, and the coherence of the rationale that you provide for your answer.

Group A : AODA as related to Hypermedia

1. **Question:**
Through which provision(s) does AODA seek to reduce barriers to the accessibility of WWW-deployed hypermedia systems?
2. **Question:**
In which way, if any, does AODA differentiate between hypermedia systems deployed on the Internet as compared to intranets (e.g., company or organizational intranets)?
3. **Question:**
Compare and contrast the AODA and the WAI. Clarify their respective objectives, roles, and scopes.

Group B : Methodology

1. **Question:**
For class meeting 04, you were asked to choose, from the ACM digital library, a conference or journal publication that reported the results of a research project that concerns hypermedia. Use this paper as a starting point. Identify another paper from the ACM library that shares similarities with your first paper. Prepare a summary that compares and contrasts the papers' respective results. The two papers should be similar enough to offer a clear and solid basis of similarity, but yet offer distinct results. Be sure to provide a full reference to the paper.

2. **Question:**

Identify a paper from the ACM digital library that concerns the WWW and/or hypermedia systems that makes use of a qualitative research method. Prepare a synopsis of the paper and discuss the utility of the qualitative research method with respect to answering the research question(s) that were posed in the research paper. Be sure to provide a full reference to the paper.

3. **Question:**

Identify a paper from the ACM digital library that concerns the WWW and/or hypermedia systems that makes use of an experimental design research method. Prepare a synopsis of the paper and discuss the utility of experimental design with respect to answering the research question(s) that were posed in the research paper. Be sure to provide a full reference to the paper.

Group C : Class Projects

1. **Question:**

Chose one of the projects that were undertaken in the class. Perform a critical analysis of the methodology employed in the project (i.e., was the methodology appropriate, given the objective(s) of the project? If not, describe an alternative approach you might have taken). In providing your answer, you should not seek to alter that project's stated objectives. You may not choose your own project.

2. **Question:**

Of all of the projects that were undertaken in the class, which one offers the greatest potential to circumvent usability barriers and why? Provide a clear rationale and draw upon AODA, WCAG, WAI, or other relevant policies/initiatives as appropriate. You may not choose your own project.