

Term Test #1

CSE 4461 Hypermedia and Multimedia Technology, W10

weight: 25%

Instructions and Comments

1. Answer **one** question from each of Group A, Group B, and Group C.
2. Answers to each question should be approximately 1 page each.
3. If you refer to a paper, provide full citations information at the end of your answer.
4. You may use any materials from the course or the library.
5. Answers will be marked using letter grades.

DUE: 11:59pm, Wednesday, February 17, 2010. Electronic submission:

submit 4461 ttl <name of file>

Group A [33%] Historical Foundations

1. Buckland in general is critical of the notion that Bush was *the* innovating figure for hypertext. Provide an overview and synthesis of the historical lineage that includes the lesser-known figures. Focus on the lineage of hypertext/hypermedia concepts specifically. Identify and discuss present-day attempts to recognize the contributions by these lesser-known figures as well as others. For this question, you may prepare your answer in the form of an information visualization or in written form.
2. What is meant by the idea of *transpointing* windows? What is the utility of this idea for writers (working collaboratively or individually)? What uptake, if any, has there been of this idea, either commercially or in prototype research systems.

Group B [33%] Hypermedia Usage on the Web

3. Morrison et al, Kellar et al, and Cui & Roto all investigated the use of the web by users. Compare and contrast the research methodologies employed by each, and identify the advantages and disadvantages of each approach.
4. Identify a research paper from an ACM conference or peer-reviewed journal that characterizes the use of hypertext or hypermedia by users (either in general or a specific population). Provide a summary of the work (its methodology, its findings, and its reception in the community, if any) and a critique.

Group C [33%] Digital Libraries

5. According to Levy, what does style of reading does hypertext promote? Contrast this style to other styles; describe and discuss a consequence for digital libraries.
6. Bates describes the cascades of interactions in the digital library interface. But the context of this research is pre-Web 2.0. Describe and discuss at least one Web 2.0 application that has had or potentially will have an impact on the use of digital libraries.