CptS 543—Human-Computer Interaction Spring, 2017

Assignment #2

*Assignment worth*: 5% of your course grade

*Due*: Apr. 20 @ 11:59 p.m.

*Last modified:* 3 April 2017

Overview

Through the [ACM Digital Library](http://dl.acm.org/), access and download the PDF of the following paper. (Make sure you're inside the WSU firewall before accessing this document; otherwise, you will not have access to the full PDF of the paper.)

Hornbæk, K., & Lai-Chong Law, E.. (2007). Meta-analysis of correlations among usability measures. In *Proceedings of the 2007 SIGCHI Conference on Human Factors in computing Systems* (pp. 617-626). New York: ACM. doi:10.1145/1240624.1240722

Through a meta-analysis, this paper explores the question of how to measure usability.

Prepare a *critical review* of the article. Your critical review should not only identify the key points of the article, but also analyze and critique its underlying perspective. It should include perspectives from two related articles that have **preceded this work**, and two related articles that have subsequently cited this work. Finally, it should identify the implications of the work for HCI researchers and practitioners.

Specific Requirements

Your paper should begin with a title page that includes the following lines, in 14 point Times font, centered both from top-to-bottom and left-to-right:

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Title of your essay

Your name

Date

Your paper must include the following structure, which responds directly to the rubric that your peer reviewers and your instructor will use to evaluate it. Each section **must begin** with the section name shown in italics, as illustrated below.

*Summary*. This section *succinctly* summarizes the article in a paragraph or two. What are the key points of the article? What are its key contributions to the literature?

*Critical Review*. This section critically reviews the article. Who are the authors? What are their biases? What are the strengths (e.g., well-supported insights) and weaknesses (e.g., gaps in logic or presentation) of the article? How could the article be improved?

*Integration with Related Work.* This section considers this article within the context of other related research. How does the article compare, and fit in, to related work, including articles that have subsequently been published on the topic? Your review must cite at least **four** outside sources that are NOT cited by the article itself: two published before the article, and two published after the article. Make sure to cite properly all sources using [APA style conventions](http://www.apastyle.org/index.aspx).

*Implications for HCI.* This section considers the implications of the article for HCI. What are the implications of the article (and other related ones that have followed it) for HCI researchers and practitioners?

Not including the title page, your essay may not exceed **three single-spaced pages** (1 inch margins, 11 point Times-Roman font, paragraphs separated by one blank line). Your bibliography may appear on additional pages. On the first of these, the header “References Cited” (bold, 14-point font) should appear centered at the top.

Exemplar

Attached to this assignment is an exemplar of an A-level critical review from a previous offering of this course. I have annotated this exemplar to highlight its key features. Thanks to Jessamyn Dahmen for allowing me to share her excellent work.

Assessment

A detailed rubric that will be used to grade your essay is accessible through OSBLE. Note that each criterion in the rubric has a specific weight. Be sure to follow the instructions described above carefully, and to study the grading rubric prior to writing your essay.

Handing in your Assignment

Submit a **.pdf** file containing your essay through OSBLE by the due date.