

Graduate Assignment #1  
Assignment worth: 10% of your course grade  
Due: Mar. 2 by start of class  
Last modified: 23 February 2021

### Overview

In this assignment, you will read and critically review the following article:

Poor, G.M. *et al.* (2016). Applying the Norman 1986 User-Centered Model to post-WIMP UIs: Theoretical predictions and empirical outcomes. *ACM Transactions on Computer-Human Interaction* 23(5), Article 30.

This article uses the Seven Stages of Action Model discussed in class as a framework for studying, and explaining performance enhancements promoted by, so-called “post-WIMP” interfaces. A PDF version of this article [downloaded through the ACM Digital Library](#) is included as an attachment to this assignment.

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. In addition, it should identify the implications of the work (and other related work) for HCI researchers, practitioners and end-users.

### 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:

CptS 543 Assignment #1  
Title of your essay  
Your name  
Date

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

*Summary.* This section 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, methodological strengths) and weaknesses (e.g., gaps in logic or presentation, methodological flaws) of the article? How could the article and/or the empirical study it presents be improved?

*Integration with Related Work.* This section considers this article within the context of related research. How does the article compare, and fit in, to related work? Your review must cite at least **four** related sources (two that preceded the publication of this article, and two that followed the publication of this article), and describe their linkages to this article. Make sure to cite properly all sources using [APA style conventions](#).

*Implications for HCI.* This section considers the implications of the article for HCI. What are the implications of the article for (a) HCI researchers, (b) HCI practitioners, and (c) users of technology?  
**You must consider all three perspectives!**

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 page of your bibliography, the header “References Cited” (bold, 14-point font) should appear centered at the top.

### ***Assessment***

A detailed rubric that will be used to grade your essay is available through MS Teams. 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.

Included as a supplement to this assignment is an exemplar essay from a graduate student (Jess Dahmen) who took this class in 2016. This exemplar essay received an A. I have annotated the essay with notes that draw attention to key strengths of the essay.

### ***Handing in your Assignment***

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