21w.789 Communicating with Mobile Technology

Assignment 7: Final Reports and Presentations

Written Report Due: 16 May, 2014 at Noon EDT

For this assignment, you'll be creating a conference-style paper and presentation, similar to what researchers in the field create when they have completed a new system and field study. You'll be using the CHI paper format, which is the standard for publishing results in the HCI field.

Final Written Report

CHI format 10-15 pp, including references
Templates can be found here:
Word: http://www.sigchi.org/publications/chipubform/sigchi-papers-word-template/view
LaTeX: http://www.sigchi.org/publications/chipubform/sigchi-papers-latex-template/view

Your report should be structured as follows:
Abstract
Introduction
> Your domain of interest; your research questions; goals of your application

Related Work
> What exists today, both in academic literature (search on acm.org/dl) and in commercial products; how do you differentiate your app from what exists?

Background
> Your initial field study

System Description (Design and Technical Implementation)
> Both a technical discussion of the system and overview of interaction (with screenshots); how you incorporated results of your usability studies in design

Field Study
> Methods used, demographics of users recruited, data analysis methods and findings

Discussion
> Why are your findings important with regards to your research questions and related work in your domain?

Conclusion/Future Work
List of References

A video on final report formatting from our edX class can be found here:
https://www.youtube.com/watch?v=Zq5UNStO1oQ

Final Oral Presentation (8 minutes + 2 minutes Q&A)

Your oral presentation should tell the story of the semester (generative study, concept development, related work, design, usability, implementation, demo, field testing) with a live demo on your phone. We will have a document camera/projector for the live demo. The demo and results of your field tests are critical elements of the final oral presentation. Your slides should be posted in a Google Presentation.