

CS 6540 — Human-Computer Interaction

Project 7: Final Group Project Report

Due: December 12, 10PM

1 Summary

Note: As previously mentioned, this is a class that is partially focused on giving you *hands-on experience* with *skills that are useful* for conducting HCI research. As a result, this handout sometimes uses the term ‘research’ as an adjective for, e.g., your focus topic for your group projects. We wish to emphasize that despite the occasional usage of that term, the purpose of these projects is entirely educational; we are not actually conducting research (i.e., a systematic investigation designed to develop or contribute to generalizable knowledge) and any findings from these group projects are not publishable. Review from a human subjects board is necessary in order to begin any human subjects research, **including recruitment**. These are classroom assignments, which are meant to increase your personal expertise and knowledge.

This is the fourth and final group project.

The purpose of this assignment is to get hands-on experience with writing about research.

Assignment Goals:

1. Be able to describe your research questions, procedure, and results in a style appropriate for academic publication.

2 Resources

In general, the readings that we have had throughout the semester should help you understand how to write a research paper. *Writing for Computer Science* is helpful. You might also enjoy resources like the following:

- [Catchy Titles Are Good: But Avoid Being Cute](#)
- [Why I gave your paper a Strong Reject](#)

3 Your Assignment Tasks

1. Following the structure of a CHI submission (<https://chi2020.acm.org/authors/chi-proceedings-format/>—do not use the Extended Abstracts format), write a final project report for your group project in the style and format of an academic research contribution.

4 Other Details and Requirements

- Your group submission should be approximately 6 pages for a two-person team and approximately 9 pages for a three-person team (excluding references).

- In case it isn't clear: you are given nowhere near enough time in the semester to conduct the amount of careful and thoughtful work that is expected for acceptance to a top-tier conference. You understand that, we understand that, and we understand that when reading and grading your report. ☺ The point is for you to get some (quick) practice going through the steps that you would go through in actual research. What does that mean for you in this context:
 - Do not intentionally over-claim what your project is achieving/showing because a published research project would have done more work/tackled a bigger problem/etc.
 - Do not “hide” any of the project’s flaws: either they were inevitable because of necessary compromises or you’ve learned how to do things better. You should either briefly acknowledge them or have an insightful discussion around them, as appropriate.
 - You might find it appropriate to include content that you wouldn’t normally plan to include in a research paper, or you might talk about content in a slightly different way. For example, you will not have done formal qualitative analysis of the interview transcripts, so you can’t talk about your coded results. You will definitely be talking about what you seem to be learning/your initial impressions from the interviews, but you should make sure that you talk about where the “results” came from in a way that is honest. (You don’t need to use the heading Results if you feel that another heading would be more appropriate.)
 - You can (and should) absolutely talk about why you believe the line of research is important, what the contribution would be if it were executed more thoroughly, insights for ways how the research was conducted could be improved, etc.
- Where appropriate, you can re-use or elaborate upon content from previous project writeups. Note that in general the expectations for writing style and how you described things in the writeups were more casual than is expected here.
- There is no required draft turnin or explicit feedback process; however, you are welcome to reach out to us with questions or to get feedback on drafts.
- If you want to collaborate on <https://www.overleaf.com/> and can’t create a project that accommodates enough members, feel free to let me know. I have a paid account and can create and share an Overleaf project with your group. Also note that an Overleaf subscription is included in an IEEE membership (via IEEE Collabratec).

5 To Turn In

You will be turning in:

1. A PDF of your final report to Canvas. Include all group member names on the report. Turn in only one report per group.