CSC-347 Fall 2020

Dr. Andrea Tartaro

Final Project

Due: Monday, December 7, 8:30am

Goal: Carry out an evaluation of your system and propose changes based on your results. Write-up and present your project design, development and evaluation efforts.

Action:

1. Make any changes to your protocol and prototype based on feedback on the previous assignment presentation. Remember, your prototype only need function well enough to run your study. If you are having trouble please meet with me so we can discuss alternatives.

2. Execute your study and analyze the data collected. Draw any conclusions and propose design revisions based on the results.

3. Write-up a detailed description of the design, development and evaluation of your project. This document should contain details on all stages of the project:
    a. An introduction that includes **motivation** for your project (a reader unfamiliar with your project should understand the motivation for the project), an **argument** about design for your problem, and a **roadmap** for how you will make that argument.
    b. Background on your problem (your literature review and competitive analysis from PA2).
    c. How you gathered requirements (PA2).
    d. How you came up with ideas (PA3); all your design activities; the artifacts you created along the way (include pictures!).
    e. The user evaluation including questions, methods, results, and discussion.
    f. Your proposed design revisions (illustrated!).
    g. A conclusion discussing your contributions, limitations of your research, and future work.
    h. Lots of pictures illustrating all phases of the design process. Pictures can be appended at the end of the document (or included in the body or a mix of both), but everything should be included, and you should not have separate documents (e.g., for personas or prototypes). **All images should be referred to in the body of the paper**.

This will involve **revising and compiling your previous write-ups** into one paper. Be sure to **respond to comments** you have received on write-ups and artifacts. In some cases, you may require substantial revisions or additional work. Essentially, your final paper must fulfill the requirements for all project assignments.

4. Create a final presentation on the motivation, design, development, and evaluation of your project. Include a demo of your prototype (does not have to be "live"), and focus on the questions, methods, results, and conclusions (including design revisions) of your user evaluation. There is a strict **15-minute** time limit on this presentation! Time yourself! You are likely to go over, and will need to revise your presentation to be shorter.

5. Reminders: Don't forget to maintain your project journal (see syllabus for details) and no face-to-face meetings with teammates or participants.

Deliverables:

1. Submit your division of labor plan and schedule via Slack (in your group channel) by **Friday, 11/13, 11:59pm**. Include the checkpoints you will complete by Wednesday, 11/18. List the checkpoint separately. Be sure your checkpoint is specific, quantifiable and reasonable (i.e., you can accomplish it, but it will reflect progress).

2. Final presentation (15 min). Please be prepared for one member of the group to share their screen with Slides in Zoom. Include a .pdf or .ppt file with your Moodle submission.

3. Written report, described above. Submit a .docx or .pdf file with your Moodle submission.

4. ALL project journal entries from the entire semester (see syllabus for details). Include with your Moodle submission as one file (.pdf or .docx).

5. Your project prototype. Include in a separate.zip file with your submission on Moodle. Include a README document (.docx or .pdf) that provides instructions for running the prototype.

The team member whose last name comes first alphabetically should submit 2-5 on Moodle.

6. Individual reflection (see syllabus for details) submitted individually in a separate submission on Moodle. No hard copy necessary.

7. IMPORTANT! All of your graded assignments with my comments were shared with you in our shared Box folder. Do not remove them.

8. All consent forms should be shared with me on Qualtrics.

9. All data collected vial Qualtrics should be shared with me on Qualtrics.

10. All notes from other data collection should be shared with me on Box.

11. All participant IDs should be stored in the separate Box folder.