

COSC 341/541: Human Computer Interaction

Course Project: Step 3

Due Date: November 2, 2018 11:59 pm

Undergraduate student

Use your selected project to complete the following steps:

Step 1. Three major tasks [3 marks]: Select three major tasks in your proposed project. Note that the tasks should be something other than login activities (such as login or logout) or data management routines (adding/deleting/editing a user).

Step 2. Paper prototypes [6 marks]: Build paper prototypes for the selected tasks (criteria: Does the paper prototype support all of the required functions for the tasks?).

Step 3. Initial evaluation [6 marks]: Evaluate your prototypes with at least three users. Discuss the feedback that the users gave and how their suggestions or issues caused you to alter your designs.

Step 4. Modification [2 marks]: Revise/modify your prototypes based on users' feedback to address the issues that revealed during the initial evaluation step.

Step 5. Further evaluation [3 marks]: After revising, evaluate your prototypes with at least three users (do not include the same users as you used in step 3). Discuss the feedback that the users gave and how their suggestions or issues caused you to alter your designs.

Step 6. Video [5 marks]: Update your prototypes based on the feedback from Step 5. Create a video showing how you expect your prototypes to be used for the tasks. Upload the video to any video sharing site (e.g., YouTube) and share the link.

Graduate student

A written progress report including

- A description of your work-in-progress system (e.g., how it works, sample screenshots)
- Research questions, hypotheses (e.g., what you would like to evaluate? What are your hypotheses)
- Evaluation plan (i.e., experiment design, tasks, variables, anticipated results)

Deliverable:

A report (see sample report below), four pages max, A4 paper, PDF format

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Sample Report

Project title:

Team members:

1. Three major tasks:

[Task 1]:

[Task 2]:

[Task 3]:

2. Paper Prototypes:

[Images]

3. Initial evaluation:

User 1 feedback:

User 2 feedback:

User 3 feedback:

4. Modification

Key differences, and major feedback that you received

What did you change (to your original prototypes)?

[Revised Images]

5. Second evaluation:

User 1 feedback:

User 2 feedback:

User 3 feedback:

6. Video link: [Link here]