

CSCC10H3: Human-Computer Interaction (HCI)

Group Project: User-Centered Design Project

Phase II: Gathering User Requirements

Due Date: 11:59 pm, Tuesday, June 14, 2022

Worth: 10%

Overview:

The intent of this phase is to begin the design process by getting to know your intended **users** and their **tasks**. You will create persona(s), scenario(s) and Hierarchical Task Analysis (HTA) for the interface/website/application which you have selected/conceptualized in Phase I.

Using the technique(s) discussed in the lectures, you will then gather user requirements through interviews, surveys, and/or observations. You may generate low-fidelity prototypes as part of your requirements gathering process and base your design decisions on this information.

What to submit:

A written report containing the following information:

1. Persona(s), Scenario(s) and HTA based on the problem or solution conceptualized in Phase I (these must capture at least 5 tasks that users can perform using your interface/website/application)
2. Technique(s) used to gather user requirements with an explanation of why the technique was used (interview, survey, observation, etc.).
3. Type of users selected, number of users selected and why (describe any limitations).
4. Artifacts used to conduct the user requirements gathering (i.e., sample interview sheet, sample questionnaire, guidelines for assessing observations, low-fidelity prototypes, etc.).
5. Summary of results - explain how your results inform your design decisions as you move to the next phase of the project (i.e., creation of high-fidelity prototypes).

Format of the report:

Use headings and paragraph style format to discuss the points stated above. You can add images, charts, diagrams and screenshots as part of the different sections of the report. You must have a title page with your group name and members of your group. Only **one** submission is required per group and it can be made by any member of the team. In addition, be sure to cite any references you used in this part of the project report in APA style.

Submission Instructions:

Please submit a single PDF file on Quercus with the following naming convention: "P2.[your group name].pdf (for example, "P2.UXExperts.pdf").

Grading Rubrics:

Components	Marks
Report Presentation and Clarity	10
1. Persona(s), Scenario(s) and HTA based on the problem or solution conceptualized in Phase I (these must capture at least 5 tasks that users can perform using your interface/website/application)	25
2. Technique(s) used to gather user requirements with an explanation of why the technique was used (interview, survey, observation, etc.).	10
3. Type of users selected, number of users selected and why (describe any limitations).	10
4. Artifacts used to conduct the user requirements gathering (i.e., sample interview sheet, sample questionnaire, guidelines for assessing observations, low-fidelity prototypes, etc.).	15
5. Summary of results - explain how your results inform your design decisions as you move to the next phase of the project (i.e., creation of high-fidelity prototypes).	30
<u>Total</u>	100