

CS325 Group Project Assignment #4 – Evaluation (User Test)

1. Overview

In this group assignment, you will evaluate your developed final interface with a small-scale user test.

Find at least 2 representative target users and you may invite the same users who have tested your paper prototype. **For the safety consideration of COVID-19, please ensure all the social distancing measures are properly complied to. In case it is hard to invite the target users for the on-site testing, you may invite two students from another group to test it. Again, please make sure the social distancing measures are all fulfilled.**

Your test will use three tasks, including 1 easy task, 1 medium task, and 1 difficult task. These tasks should give good coverage of your interface. Provide a briefing and (optional) demo to the user. You may choose to show a simple demo of your interface to illustrate the purpose of your system. The demo should be scripted so that you do and say the same things for each user. It should use a concrete example task, but the example task should be sufficiently different from the test tasks to avoid bias. The user will then be given task directions for the first task that tells them what they are trying to achieve, not how to do it. When they are finished, you will give them the directions for the next task and so on. Each participant will perform all 3 tasks. You will want to keep the data separate for each task and participant.

One member of the team should be the facilitator of the test and the rest team members should be observers. Watch and collect the found usability problems into a list. Assign each problem a severity rating and brainstorm the solutions and revise the prototype.

2. Deliverables

Each group needs to submit an essay which needs to include:

Introduction

- A brief introduction of the system being evaluated

Method

- Participants (who – demographics, please do not disclose personal data)
- Apparatus (describe the equipment you used and where if any)
- Tasks (brief introduction of the 3 tasks designed for the user testing)
- Procedure (brief introduction how the user testing is conducted)

Results and discussions

- List of the usability problems with severity rating found in the user test.
- Elaborate the discussed solutions to solve the found problems and briefly describe what changes are made on the final implementation (if any).

3. Assessment Guidelines

The assignment takes 20% of the whole project and will be assessed with the following guidelines.

- How well the team prepare for the user test
- How well the user test is conducted
- How the usability problems are found and solved.
- The writing must clearly present the process and results of the evaluation
- The team should try to apply the knowledge learnt from the lecture to conduct the evaluation.

4. Submission

The essay should be submitted in MS word format (.docx). Please name the essay by following the format “CS325_PA4_Group #.docx”. Example: CS325_PA4_Group 5.docx.

Each group only needs to make one submission. The deadline for the submission is: **11:59PM on 26 Nov 2021 (Friday)**.