

COMP 3020: Human-Computer Interaction I

Project Milestone 4: Heuristic Evaluation

Due Date: December 5th at the start of class

Overview

In Milestone 3 you produced a high-fidelity prototype that demonstrates your system concept and provides enough functionality for a user to experience at least two tasks. In this milestone, you will evaluate your prototype using a Heuristic Evaluation and write a report that summarizes your findings.

Major Milestone Activities:

- You will conduct a heuristic evaluation of your system as outlined in class. Each member of your team will use the heuristics, and individually make his/her way through the interface, identifying when some aspect of the interface violates one of the heuristics. It is important that this step is conducted independently and that you take good notes
- You will then meet as a team, and again walk through the interface, discussing each of the problems that you all identified. Your goal is to identify major problem areas of your interface through this method, which heuristic(s) have been violated to cause these problems, the severity of the problems, and to make recommendations on how to address them.
- Make sure to document your discussions and progress.
- If you were not able to produce much of a prototype in MSIII due to time constraints, you might have difficulty completing this milestone. You are welcome to expand your prototype for this milestone. If you choose to do so, please include an appendix that documents the extensions that you made to your prototype (with screenshots).

Deliverables

- In your portfolio binder, hand in a written report that describes the results of your heuristic analysis. Your report should be 3-5 pages in length (max 7 pages).
- Your report should briefly describe your heuristic evaluation method (e.g., number of evaluators and your procedure). Your report should then describe the issues that were identified, along with which heuristics were violated, and finally, how you would address them in another iteration. It is up to you to find a clear way to organize your results: you can organize them according to severity, in terms of functional/conceptual area (i.e. in a way that makes sense with respect to your system), or in terms of each heuristic. Just make sure that you describe and justify your choice of presentation. Include screenshots as appropriate when describing the issues uncovered. You may not have enough space for everything. Use your main report to

convey what you feel are your most important findings and recommendations, and put the remainder in an appendix.

- Include an appendix with raw notes from each individual evaluator.