

INFOST 547

User-Centered Interaction Design

Instructions for the Final Project Report

Final Project General Description

Each student will plan and execute a full life cycle project including identification and analysis of users and requirements, preliminary design, low-fidelity and high-fidelity prototyping, testing, submitting a comprehensive project report. Projects will be proposed by students and will represent either real or simulated workplace scenarios.

The Final Project has 2 deliverables that are due at different times within the semester:

- Final Project Proposal
- Final Project Report

The Final Project Report is the second of these deliverables.

Final Project Report Outline

Note: Your Final Project Report document must follow this outline and include these headings in bold type.

1. Identification of Users and Requirements

- **Users**
Who are the intended users of the selected application? What methods were used to identify them? Are there potential user groups that were excluded from consideration to control the scope of this effort?
- **Requirements**
What are the functional and non-functional requirements for this application? What methods were used to elicit those requirements? What methodology has been used to express the requirements? Please include any requirements documents as appendices.

2. Preliminary Design

- **Conceptual Design**
Describe the conceptual design for the application as that term is used in our ID4e text book.

- **Concrete Design**
Describe the concrete design for the application as that term is used in our ID4e text book.

3. Prototyping

- **Low-Fidelity Prototyping**
What tools and techniques were used to create a low-fidelity prototype for this application? How did you select these tools and techniques? Include a sample view from the low-fidelity prototype in this section. Further documentation on the low-fidelity prototype may be included in the report as an appendix.
- **High-Fidelity Prototyping**
What tools and techniques were used to create a high-fidelity prototype for this application? How did you select these tools and techniques? Include a sample view from the high-fidelity prototype in this section. Further documentation on the high-fidelity prototype may be included in the report as an appendix.

4. Testing

- **Testing of Low-Fidelity Prototype**
What methods were used to test the low-fidelity prototype? What usability questions were addressed by this testing? Describe the findings of this testing. Further documentation of testing instruments may be included in the report as an appendix.
- **Testing of High-Fidelity Prototype**
What methods were used to test the high-fidelity prototype? What usability questions were addressed by this testing? Describe the findings of this testing. Further documentation of testing instruments may be included in the report as an appendix.

5. Recommendations

Describe and discuss any recommendations for the application design that have resulted from the prototyping and testing activities. Explain how these recommendations are supported by the prototyping and testing findings.

6. Appendices

Documents that include details of designs, prototypes, testing protocols, or testing instruments should be included here.

Document Length and Style Requirements

This document has no explicit length requirements. Each section indicated in the outline above should fully discuss details of the approach taken by the student as well as the student's findings. These sections should be written in professional prose arranged in traditional paragraph form. These paragraphs may be supplemented by moderate use of bulleted or numbered lists. Supplementary documents such as user interface designs, testing protocols, or testing instruments should be included as appendices.

Format

Please submit a single PDF document. Any sub-documents or appendices should be merged into that single PDF file. Merged PDF documents can be created using any appropriate software tools including Adobe Acrobat Pro. Adobe Acrobat Pro is available for student use via the SOIS Virtual Computer Lab. Instructions for accessing the SOIS Virtual Computer Lab can be found at <http://uwm.edu/informationstudies/resources/it/>

File Naming Conventions

The name of the file which you submit should be consistent with the following model:

lastName_firstName_final_project_report.pdf

Submission Deadline

The submission deadline and dropbox to which the assignment should be submitted will be indicated in the Weekly Schedule.

Grading

A separate grading rubric document will be posted to the Weekly Schedule.