

INFOST 547

User-Centered Interaction Design

Instructions for the Final Project Proposal

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 Proposal is the first of these deliverables.

Final Project Proposal Outline

Note: Your Final Project Proposal document must follow this outline and include these headings in bold type. Because it is a proposal rather than a final report, your entire submission may be in outline format.

1. Identification of Users and Requirements

- **Users**
Who are the intended users of the selected application? What methods will be used to identify them? Are there potential user groups that may be excluded from consideration to control the scope of this effort?
- **Requirements**
What is the problem or opportunity that gives rise to the requirements that you will be investigating? What type of information system application will help the users to solve that problem or capitalize on that opportunity? What methods will be used to elicit requirements? What methodology will be used to express the requirements?

2. Preliminary Design

- **Conceptual Design**
Have you formed any ideas regarding the conceptual design for the application as that term is used in our ID4e text book? If so, include some brief notes here.
- **Concrete Design**
Have you formed any ideas regarding the concrete design for the application as that term is used in our ID4e text book? If so, include some brief notes here.

3. Prototyping

- **Low-Fidelity Prototyping**
What tools and techniques do you plan to use to create a low-fidelity prototype for this application? Include some brief notes here.
- **High-Fidelity Prototyping**
What tools and techniques do you plan to use to create a low-fidelity prototype for this application? Include some brief notes here.

4. Testing

- **Testing of Low-Fidelity Prototype**
What methods will you use to test the low-fidelity prototype? What usability questions will be addressed by this testing? Include some brief notes here.
- **Testing of High-Fidelity Prototype**
What methods will you use to test the low-fidelity prototype? What usability questions will be addressed by this testing? Include some brief notes here.

Document Length and Style Requirements

This document should follow the outline presented above. You may express your proposal as an outline. There is no need to craft extensive prose.

Format

Please submit a single PDF document.

File Naming Conventions

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

lastName_firstName_final_project_proposal.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.