

## **SENG 310 Assignment 7: User Testing – Evaluation Plan Proposal**

This assignment is to be done as a group.

Your group is to design and run a formal usability study of your prototype system to assess its effectiveness for your representative tasks. Collect quantitative data from at least one performance measure (e.g., time to complete a task, number of mistakes, number of requests for help, etc.) and qualitative data using one of the data collection methods discussed in lecture. These may have to be done in separately to get accurate performance data depending on what you are measuring and what kind of data collection method you choose. You will use this evaluation plan to run your study. Each member of your group is responsible for running at least one study. Each group member will use all of the data collected by each member to write their individual final reports.

### **Proposal**

Your proposal must be submitted and feedback received from the marker before you can involve any subjects in your study.

To begin to plan your evaluation, you can refer to the Evaluation Planning Worksheet (attached to this assignment for your convenience) exercise performed in class to get you thinking about the key considerations to be taken into account. Your final Evaluation Plan Proposal should include the following information with your reasoning behind each choice:

- Group member's names.
- Objectives of the study – what do you want to learn and what are the usability requirements?
- Participants: The type of participants you plan to involve (age range and other selection criteria), how many participants, and how you will recruit them. You must have at least one participant per member of your group.
- Tasks: A brief description of the tasks the users will perform
- Setting: the location and the time the study will take
- Measures: Include your performance measure(s) and the verbal protocol you plan to use (i.e. natural observation, think-aloud, co-discovery, or question-asking). If you plan to conduct an interview or give a questionnaire, provide sample questions.
- A revised consent form for your study. A template can be downloaded from the assignments web page. You can send your revised form as an email attachment.

### ***What to hand in?***

Please have only ONE person per team submit.

- Proposal – as a PDF
- Sample consent form -- as a PDF