



a place of mind

Project Title: Designing and Evaluating Educational Software

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## **INFORMED CONSENT: SYSTEM EVALUATION**

### **Introduction**

You are invited to participate in a study that concerns how people interact with a system that has built-in adaptive assistance and a collaboration framework. As a participant in this study, you will be asked to complete a questionnaire and interact with a Computer Science exercise website.

This statement contains information about the present study that is intended to help you decide whether you wish to participate in it. You may refuse to sign this form and not participate in this study. You should be aware that even after you signed, you are free to withdraw at any time. If you withdraw from this study, it will not affect your relationship with this unit, the people involved in the study, the services it may provide to you, or the University of British Columbia Okanagan. If you have any questions about this study before, during, or after your participation, please feel free to direct them to:

Matthew Bojey

Tel: 250-212-7518, Email: mbojey@gmail.com

### **Study Objectives**

The objective of this work is to evaluate the adaptive behaviour of automated assistance based on the system's user model. The system is designed in such a way that it provides suggestions to help users only when its model indicates that the suggestion will be beneficial.

### **Procedure: System Evaluation (Total expected time: 90 minutes)**

1. You will be asked to fill out a questionnaire before and after using the system to evaluate your level or understanding of the concepts involved in linked lists similar to what you have seen in class.
2. You will also be asked to spend approximately 60 minutes working with the system to work through various exercises related to the concepts you have seen in class.

### **Risks**

There are no known risks to participants as they will be doing problem solving questions that they would normally be doing for studying purposes regardless of their participation in the study.

**Benefits**

The participants may gain a better understanding of the concepts that they practice on through the software, may develop an appreciation for educational software, and may develop interest in the research and development process.

**Privacy and confidentiality**

Questionnaires and computer logs are anonymous. Names of participants will be stored separately from information collected. Your name will not be associated in any way with the information collected about you or your usage of the computer during the study. Furthermore, because the interest of this study is to identify average responses and behaviour of the entire group of participants, you will not be identified in any way in any written reports of this research. Participants have a right to access their own results so long as their names and numeric tags are still available. The data obtained from both components of the study will be retained for at least 5 years after publication in secured, electronic form, which only researchers associated with this research will have access to. No audio or video tapes will be used. General results of the research study may be available through publications. A summary of the results will be made available to participants upon request.

**Concerns about participants' rights**

If you have any concerns or complaints about your rights as a research participant and/or your experiences while participating in this study, contact the Research Participant Complaint Line in the UBC Office of Research Ethics toll free at 1-877-822-8598 or the UBC Okanagan Research Services Office at 250-807-8832. It is also possible to contact the Research Complaint Line by email ([RSIL@ors.ubc.ca](mailto:RSIL@ors.ubc.ca)).

**Participant Certification**

I have read this Consent and Authorization form. I have had the opportunity to ask, and I have received answers to, any questions I had regarding the study and the use and disclosure of information about me for the study. I agree to take part in this study as a research participant. By my signature I affirm that I am at least 18 years old and I have received a copy of this Consent form.