Project Title: Sensor-Based Attention Assessment

Responsible Researcher: Eduardo Velloso

Other Researchers: Phillip McKenna, Joshua Newn, Frank Vetere

We would like to invite you to perform various everyday activities on a computer whilst the locations of your gaze are recorded.

The aim of this study is to better understand the feasibility of using modern eye-trackers to detect specific user activity. This research is being conducted by researchers at the Microsoft Research Centre for Social Natural User Interfaces at The University of Melbourne.

**What will I Be Asked to Do?**

Should you agree to participate, you will be asked to perform a variety of everyday activities at the University of Melbourne, including watching a video, reading an excerpt from a novel, playing a simple game and using a search engine. If you have experience in programming, you will also be asked to complete a few small programming activities. Whilst completing these activities a sensor will be used to record where you were looking throughout your experience. During the study, you will be video recorded. After the activities have been completed, you will be asked to complete a very short survey. In total, you will not be required to participate for longer than 40 minutes (60 minutes if you have programming experience).

**Will My Confidentiality Be Protected?**

We intend to protect your anonymity and the confidentiality of your responses to the fullest possible extent, within the limits of the law. Any video or audio recordings will not be made publicly available without your express written consent. Your name and contact details will be kept in a separate, password-protected computer file separated from any data that you supply. In any published work (such as in an academic paper), you will be referred to by a pseudonym. We will remove any references to personal information that might allow someone to guess your identity, however, you should note that as the number of participants in this study is small, it is possible that someone may still be able to identify you. The data will be kept securely for five years after the last date of publication, before being destroyed.

Your involvement in the project is voluntary, and you can withdraw at any time without prejudice. This project does not involve any risks. The only anticipated inconvenience for you is the time taken by the play session. If you are a University of Melbourne student, participating will not affect your grades.

**Where Can I Get Further Information?**

Should you require any further information, or have any concerns, please do not hesitate to contact Frank Vetere, f.vetere@unimelb.edu.au +61 3 83441496.

This project has been approved by the Human Research Ethics Committee, The University of Melbourne (project number: 1648176.1.). Should you have any concerns about the conduct of the project, you are welcome to contact the Executive Officer, Human Research Ethics, The University of Melbourne, on ph: 8344 2073, or fax: 9347 6739.