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PARTICIPANT INFORMATION SHEET
(for students recruited via COMPSCI 705 course)
Information Awareness and Multitasking Study

Name(s) of researcher(s): Gang Gao, Hurin Hu, Siyu Qian, Ziqi Wang, Zian Xu

Name of Supervisor(s): Dr Danielle Lottridge

Researcher Introduction

We, Gang Gao, Hurin Hu, Siyu Qian, Ziqi Wang, and Zian Xu, are researcher for this project. Our supervisor is Dr Danielle Lottridge.

This Project

Rationale: We want to understand the relationship between chunking and frequency of the information awareness in a continuous attention task.

Aims: The results of this project will be used to better understand the factors that impact information awareness in a multitasking situation.

Project Duration: We will work on this project until the end of semester 2 2020.

Benefits: The final outcome of this project will be a new knowledge about the factors that impact the relationship between information awareness and a continuous attention task. The research will allow us to understand how chunking and frequency of information affect the information awareness in a multitasking situation.

Risks: Participation in the research is optional and responses are confidential in order to minimize risks as a participant. The Academic Head of Computer Science provides his assurance: "I give my assurance that students' decisions to participate or not will have no impact on relationships with the school or staff and no impact on grades other than that

explained in the application."

Invitation to Participate

Why: You are invited to participate in this research because you are a student who is invited by researchers.

Voluntary participation: Your participation is voluntary and you may decline this invitation without giving reason.

Project Procedures

If you choose to participate, you will be asked to attend a study session at the University of Auckland downtown campus. At the beginning, the webcam of the computer will be allowed to detect your eye trace. Once the eye tracking is setting down well, we will tell you to start the game. You will be asked to play the link game as a primary task. There are several notifications will be popped up during the game period. You will be asked to keep playing the game as fast and accurately as possible, and take a look at all the notifications. We'll ask you a few questions about the notifications at the end of the session. The expected time commitment is 15 minutes, or less. You can choose to stop the experiment at any time without giving reason. Participation is recorded by the researchers via a unique ID.

Data Storage, Retention, Destruction and Future Use

How: We will collect recordings of game time, number of games, eye-tracking and accuracy of notification survey.

Where: The digital data collected from our logging software will be stored in a computer file format. The files will be stored securely on a University of Auckland cloud storage which can only be accessed by authorized university staff members. The hard copy data (questionnaires and consent forms) will be stored in a secure locked cabinet in Hurin Hu's office.

How Long: The paper records and the electronic records will be stored for 6 years as per the policy from "University of Auckland Code of Conduct for Research".

Destruction: After the minimum storage time has elapsed, the data will be destroyed. The electronic data will be deleted from the University of Auckland's computer and the paper records will be shredded and binned.

Right to Withdraw from Participation

You can withdraw from the session at any time without having to provide a reason. You can withdraw any data traceable to you up to two weeks after your in-lab session.

Confidentiality

The preservation of confidentiality is paramount. The information you share through this session will remain confidential to only the involved researchers.

Your responses will be analyzed separately from your contact information to ensure confidentiality. The information you provide may be published in an academic research conference and/or journal. This report and publication(s) will not

identify you as its source. A copy of the research findings will be made available to you, if you wish. You can provide your email address if you would like to obtain a copy of the findings.

CONTACT DETAILS AND APPROVAL

Student Researcher name and contact details	Supervisor name and contact details	Academic Head name and contact details
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For any queries regarding ethical concerns you may contact the Chair, The University of Auckland Human Participants Ethics Committee, The University of Auckland, Research Office, Private Bag 92019, Auckland 1142. Telephone 09 373-7599 ext. 83711. Email: ro-ethics@auckland.ac.nz.

Wait for Approval by the University of Auckland Human Participants Ethics Committee.