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PARTICIPANT INFORMATION SHEET

Workflow Design for Classification Tasks for Graduates

Name(s) of researcher(s): Sijie Zhuo

Name of Supervisor(s): Dr. Danielle Lottridge, Dr. Giovanni Russello

Researcher Introduction

My name is Sijie Zhuo, and I am currently a PhD student in the University of Auckland School of Computer Science. My supervisors are Dr. Danielle Lottridge, and Dr. Giovanni Russello.

This Project

Rationale: We want to better understand the relationship between cognitive load, and performance on knowledge work.

Aims: The results of this project will be used to better understand the effects of cognitive load on knowledge work.

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

Benefits: The final outcome of this project will be a new knowledge on the relationship between cognitive load and knowledge work tasks. You will experience doing knowledge work tasks.

Risks: Participation in the research is optional. Your identity is kept confidential in order to minimise risks as a participant.

Invitation to Participate

Why: You are invited to participate in this research because you are a computer science or software engineering student in COMPSCI 345 / SOFTENG 350 or COMPSCI 705 / SOFTENG 702.

Voluntary participation: Your participation is voluntary and you may decline this invitation without penalty. You can choose to withdraw your data up to one month after participation. This research has received support and an assurance from our Academic Head: "I give my assurance that students' decisions to participate or not will have no impact on relationships with the department of staff."

Project Procedures

If you choose to participate, you will be asked to attend an experiment session at the University of Auckland downtown campus. During the experiment you will be asked to wear a Shimmer3 device and complete knowledge work tasks. The skin conductance sensor fits on your fingers. The pulse sensor will be attached to the left ear. (While we collect heart rate, we do not analyse it for health purposes. If you feel that your heart is beating out of rhythm, too fast, or too slow, you should speak to a doctor about your symptoms. We can walk you to the University of Auckland medical clinic.) A Tobii Eye tracker device will also be used to track your eye movements during the experiment.

For this experiment, you will imagine that you are a staff member working for the University. You will receive email, some will contain information from work, and some will contain newsletters. The expected time commitment is 50 minutes or less. You will then complete a questionnaire at the end of the experiment. You can choose to stop the experiment at any

time without penalty. You will be given a \$20 voucher as thanks for your time.

Data Storage, Retention, Destruction and Future Use

How: We will collect recordings of skin conductance, heart rate variability, eye tracking, performance on knowledge work tasks, and responses to a questionnaire.

Where: Data will be stored in a secure locked cabinet in Dr. Russello's office. The data will then be stored in a secure locked cabinet in Dr. Lottridge's office after the recruitment period.

How Long: The data will be stored for a minimum of six years.

Destruction: After the minimum storage time has elapsed, the data will be destroyed per policy.

Right to Withdraw from Participation

You can withdraw from the session at any time without having to provide a reason.

Confidentiality

The preservation of confidentiality is paramount. Your identity 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 also contact any of the researchers listed below 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	Head of Department 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.

Approved by the University of Auckland Human Participants Ethics Committee on Sept 10 2019 for three years. Reference Number 023380