

# Participant Information Sheet

**Date Information Sheet Produced:** 18<sup>th</sup> May 2021

## Project Title

Class Research Project: Applied Human Computer Interaction

A Study into the Usability of *Single Sign-On* Versus *Traditional Form Sign-Up*

## An Invitation

Hello, our names are Aaron Gilbert, Ashley Thew, Robert Ankersmit and Travis Hun, and we are undertaking an assignment to investigate Human Computer Interaction (HCI) theory and invite you to be involved in our project.

This is a team-based research assignment, with the focus being on an Interactive Environment (software).

The Interactive Environment we have chosen to study is the usability of Single Sign-On (SSO) compared to Traditional Form Sign-Up, in the form of an online sign-in process.

## What is the purpose of this research?

We are investigating HCI theory in relation to an Interaction Environment to learn something about the usability of technology, and also to learn appropriate ways to research in this area. We may also have an opportunity to publish our findings, most probably in a student research conference.

## How was I identified and why am I being invited to participate in this research?

You are a colleague, classmate, friend, or family and we believe that you may have some interest in this project and time available.

## How do I agree to participate in this research?

We will provide you with a consent form that you can sign.

Your participation in this research is voluntary (it is your choice) and whether or not you choose to participate will neither advantage nor disadvantage you. You are able to withdraw from the study at any time. If you choose to withdraw from the study, then you will be offered the choice between having any data that is identifiable as belonging to you removed or allowing it to continue to be used. However, once the findings have been produced, removal of your data may not be possible.

## What will happen in this research?

This project will involve measuring time taken to complete both a traditional sign-up form, and a single sign-on form. Following each form, you will be requested to complete a brief survey to gather your opinion on how usable you found the two sign-up methods to be.

This will take place online through the use of a website that we have created specifically for this project. Any data that is collected will only be used for the purposes of this research project and will not be shared with any third parties or used for any other purposes outside of the project's scope.

If you opt in to having a summary of the research sent to you, we will retain your contact information solely for this purpose, until the project is complete. No gathered data from you will be kept, stored, or sent following completion of the project.

## What are the discomforts and risks?

We will not be focussing on how well you can use technology, rather, we are interested in how well the technology has been designed to cope with your needs, so don't feel embarrassed or silly if you can't do something during the session, as this is a reflection of poor design rather than your performance.

There should not be any discomforts or risks that you encounter while participating in this research project.

#### **How will these discomforts and risks be alleviated?**

In the unlikely event you do encounter discomforts or risks to your wellbeing while participating in our research activity, we can offer support services through AUT.

AUT Health Counselling and Wellbeing is able to offer three free sessions of confidential counselling support for adult participants in an AUT research project. These sessions are only available for issues that have arisen directly as a result of participation in the research, and are not for other general counselling needs. To access these services, you will need to:

- drop into our centres at WB219 or AS104 or phone 921 9992 City Campus or 921 9998 North Shore campus to make an appointment. Appointments for South Campus can be made by calling 921 9992
- let the receptionist know that you are a research participant, and provide the title of my research and my name and contact details as given in this Information Sheet

You can find out more information about AUT counsellors and counselling on <http://www.aut.ac.nz/being-a-student/current-postgraduates/your-health-and-wellbeing/counselling>.

#### **What are the benefits?**

We are primarily undertaking coursework for our degree / diploma paper, but we may have the opportunity to publish this study at a conference or in some other form of publication.

#### **How will my privacy be protected?**

Any information entered into the sign-on / sign-up forms, as part of the research, will not be stored or held onto, with the exception of your email address in the event you opt in to being sent a summary of the finished research. The only gathered data we will keep for the duration of this project is statistical data, which includes the time taken for each form, and any answers you provide us on the ending survey(s).

We will not be using your name or your image in any published material, and any physical data that we collect that does have identifying characteristics will be stored in a locked cupboard in the School of Engineering, Computing, and Mathematical Sciences offices.

The supervisor of the paper will be in charge of storing the research materials, and will destroy them upon completion, and moderation, of the paper.

#### **What are the costs of participating in this research?**

We envisage that it will take 5 to 10 minutes for you to complete participation of our research activity.

#### **What opportunity do I have to consider this invitation?**

Our project is set to conclude by the 4<sup>th</sup> of June, and as such, if you could let us know within a couple of days if you could be involved, it would be much appreciated. Our data collection will only be running over a single week, so the earliest you could contact us the better.

#### **Will I receive feedback on the results of this research?**

If you would like we can send you a summary of our research report when we are finished. We will record your email address solely for this purpose on a separate list, so that we can send the summary of the research to you following the completion of our coursework.

#### **What do I do if I have concerns about this research?**

Any concerns regarding the nature of this project should be notified in the first instance to the Project Supervisor, **Dr Robert Wellington, [robert.wellington@aut.ac.nz](mailto:robert.wellington@aut.ac.nz), 09 921 9999 ext 5432**

Concerns regarding the conduct of the research should be notified to the Executive Secretary of AUTC, [ethics@aut.ac.nz](mailto:ethics@aut.ac.nz), (+649) 921 9999 ext 6038.

**Whom do I contact for further information about this research?**

Please keep this Information Sheet and a copy of the Consent Form for your future reference. You are also able to contact the research team as follows:

***Researcher Contact Details:***

Researcher	Contact Email
Aaron Gilbert	<a href="mailto:snj0726@autuni.ac.nz">snj0726@autuni.ac.nz</a>
Ashley Thew	<a href="mailto:svc3366@autuni.ac.nz">svc3366@autuni.ac.nz</a>
Robert Ankersmit	<a href="mailto:ngh2364@autuni.ac.nz">ngh2364@autuni.ac.nz</a>
Travis Hun	<a href="mailto:szf2254@autuni.ac.nz">szf2254@autuni.ac.nz</a>

***Project Supervisor Contact Details:***

*Dr Robert Wellington, [robert.wellington@aut.ac.nz](mailto:robert.wellington@aut.ac.nz), 09 921 9999 ext 5432*

*Approved by the Auckland University of Technology Ethics Committee on 27<sup>th</sup> of May 2020, AUTEK Reference number 20/90.*