

Usability Evaluation Explanatory Statement

COS30045 Data Visualisation Project

Project Title: Migration in Australia

Principal Investigator(s): Michelle Angelica Lautan

Baavika

Group: Migration in Australia Group

Tutorial Day, Time, Semester, Year: Monday, 10.30 a.m, Semester 1, 2023

The aim of the project is to develop a visualization website that can inform users about migration trends and pattern information in Australia.

This project is being undertaken by the Swinburne University of Technology student team studying whose names appear at the top of this form.

Should you agree to participate in this study you will be asked to open a prototype link that we provide, and we will ask you to share the screen in one whole session. Before you start testing our prototype, we will give you one questionnaire that you will need to answer. During the testing session, you will be asked to work through several tasks using the website that

we will give. All the tasks will be about finding information from the given migration in Australia visualization.

It is possible to figure out <all visualization question>

During the study, we will ask you to fill out two questionnaires. The first is to collect information about answering the visualization questions. This will help us interpret the data we collect. The second is to ask you for your opinion about how you found using the website you just tried. This will help us understand how well you liked the system.

We anticipate that the study will take 15-30 minutes to complete.

Handwritten notes will be taken during the session. We would also like to make an audio and video recording. We will capture your interaction with the interface (e.g., mouse movements and clicks) using logging software. We will also record your face on a webcam. If you do not wish to have your face recorded, please let the team know and they will turn this feature off.

The data recorded during your session will only be used to prepare student reports for COS30045 Data Visualisation Project and any recordings made will only be viewable by the student team named above, their COS 30045 tutor, and the convenor. You will not be personally identified by name in any of the data reported.

You do not need to answer all questions. If, for any reason, you feel uncomfortable with a question, do not answer it. You are free to end your session at any time without giving a reason.

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If you have any questions about this document or the consent form, please do not hesitate to ask.

We ask that you next read and sign our consent form.

We thank you for helping us in this project.

Please add your email address below for a copy of this information for your own reference.

** Indicates required question*

1. Email *

Agreement to Participate

2. I am over the age of 18 and consent to participate in the project named above. I have been provided a copy of the project Explanatory Statement to which this consent form relates and any questions I have asked have been answered to my satisfaction. *

Mark only one oval.

☐ Yes

☐ No

3. 2. In relation to this project, please check the box with your response to the following: *

Check all that apply.

☐ I agree to be observed by the researchers

☐ I agree to allow the researchers to record my actions and voice while using the system

☐ I agree to allow the researchers to record video of my face while using the system

☐ I agree to make myself available for further information if required

3. I acknowledge that:

- (a) my participation is voluntary and that I am free to withdraw from the project at any time without explanation;
- (b) the Student project is for the purpose of research and not for profit;
- (c) any identifiable information about me which is gathered in the course of and as the result of my participating in this project will be (i) collected and retained for the purpose of this project and (ii) accessed and analysed by the student team, their tutor and the unit convenor for the purpose of conducting and assessing this project;
- (d) my anonymity is preserved and I will not be identified in publications or otherwise without my express written consent.

By signing this document I agree to participate in this project.

4. Signature - Your name and date *

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