

Usability Evaluation Explanatory Statement

COS20001/COS70004 User Centred Design Student Project

Project Title: Freedom Dementia Support Project

Principal Investigator(s): Ayoub Memari
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Group: 3

Tutorial Day, Time, Semester, Year: Thursday, 10:30 AM, Semester 1, 2021

The aim of the project is supporting people who are affected by dementia, a disorder which causes memory loss and impaired reasoning skills. The patients tend to wander away from home and get lost, putting stress on their caregivers who may not be able to accompany them all the time. In this project, we are trying to make their caregivers' job easier with an application that we develop. The application allows the caregivers to monitor the patients' conditions and movements while they are freely and safely living in their own house.

This project is being undertaken by the Swinburne University of Technology student team studying COS20001/COS70004 User Centred Design whose names appear at the top of this form.

Should you agree to participate in this study you will be asked to put yourself in the place of a caregiver of a person with dementia. You will be asked to work through a number of tasks using this system.

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

We anticipate that the study will take 15 to 20 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 web cam. 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 COS20001/COS70004 User-Centred Design and any recordings made will only be viewable by the student team named above, their COS20001/COS70004 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.

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.

If you have any concerns please contact:

Karola von Baggo (Lecturer and Convener COS20001/COS70004 User Centred Design)
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Swinburne University of Technology
PO Box 218, Hawthorn, Victoria 3122
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Please add your email address below for a copy of this information for your own reference.

* Required

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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