

In this document we present information and consent forms for the cited research project (see below).

This project involves two groups of participants: standard users participating in online questionnaires, and experts participating in semi-structured interviews.

[A\) Information form for all participants](#)

[B\) Online questionnaire participants](#)

[C\) Semi-structured interviews participants:](#)

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A) Information form for all participants

## **Participant Information Form for a Proposed Research Project Involving Human Participants**

### **Participant Information Form**

#### **Project Title**

Artisanal software development for text visualisation in real scenarios

#### **Researcher**

Mr Jaume Nualart, PhD Candidate, studying at the Faculty of Arts and Design (University of Canberra)

Primary supervisor: Dr Mitchell Whitelaw

#### **Project Aim**

- 1- Do users detect the new features?
- 2- Do users still prefer or require access to the existing presentation?
- 3- Do users understand the new features?
- 4- Do users feel confident and positive about using the new features?

## **Benefits of the Project**

This research will produce a number of software packages to improve the work with texts (selecting, searching, managing , reading) that will be published with open licences and accessible to everyone.

With the evaluation experiment we will validate the usability and understanding of the created software.

## **General Outline of the Project**

In the age of data, tools to study, manage, and discover facts in the data are crucial. The growth in accessible online data is significant; and most of this data is text (Heer, 2010). This project is about the process of developing visualization and exploration tools for textual data. We think that now is the time to push for a more extended use of visual tools to manage, understand and discover facts through studying data. At the same time it is more important than ever that we defend the democratization and transparency of data.

Main question:

How can we create text visualisation and exploration approaches developed in an artisanal manner and applied to real scenarios with real users?

Aims of the evaluation:

- 1- Do users detect the new features?
- 2- Do users still prefer or require access to the existing presentation.
- 3- Do users understand the new features?
- 4- Do users feel confident and positive about using the new features?

The data from participants will be collected through online questionnaires for non expert users, and through recorded semi-structured interviews for a small group of experts.

The evaluation results will be presented in an exegesis, and, eventually, in academic publications. This document will be accessible and published under free licences.

This research project is part of a PhD in Communication at University of Canberra which has a scholarship funded by National ICT Australia (NICTA).

## **Participant Involvement**

### **Open question 11**

The participant will be asked to complete at least an online questionnaire that can take around twenty minutes.

A participant can undertake maximum one questionnaire of each software artifact.

Participation is voluntary and participants will receive no incentive for participation in this evaluation. A participant may, without any penalty, decline to take part or withdraw at any time without providing an explanation, or refuse to answer any question.

### **Confidentiality**

The data generated in this evaluation experiments will be accessible only for me and eventually for my supervisor, Dr Mitchell Whitelaw. The deidentified data and the results of the analysis will be published in an Exegesis and, eventually in other academic publications.

### **Anonymity**

The only personal information that will be asked to each participant is gender and age. No name or other personal data will be recorded. For the case of semi-structured interviews to experts, the participants could be identified in the raw recorded video in the case of a voice-person match.

### **Data Storage**

The data from the questionnaires will be stored files in the formats CSV, TXT and then encrypted in a private server.

When the data collection is done, it will be stored in two hard drives in my office at NICTA in a lockable cabinet.

### **Ethics Committee Clearance**

This project has been approved by the Committee for Ethics in Human Research of the University of Canberra and the Ethics committee of National ICT Australia (NICTA)

### **Queries and Concerns**

Please don't hesitate to contact me or the supervisor for any queries of concerns.

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B) Online questionnaire participants

## **Informed Consent Form for a Research Project Involving Human Participants**

### **Informed Consent Form**

#### **Project Title**

Artisanal software development for text visualisation in real scenarios

#### **Consent Statement**

☐

I have read and understood the information about the research.

☐

I am not aware of any condition that would prevent my participation, and

☐

I have had the opportunity to ask questions about my participation in the research. All questions I have asked have been answered to my satisfaction.

☐

I agree to participate in this project.

Gender.....[DROPDOWN MENU: Female, male, any other].....

Age Group.....[DROPDOWN MENU].....

The evaluation results of this research will be presented deeply in an exegesis. This document will be accessible and published under free licences.

C) Semi-structured interviews participants:

This is a small group of experts and, after reading the information of point A, they will decide to accept to participate agreeing in the first question of the interview, saying “yes” to following question:

☐ I'm aware that my conversation and computer screen will be recorded.

☐ I have read and understood the information about the research.

☐ I am not aware of any condition that would prevent my participation, and

☐ I have had the opportunity to ask questions about my participation in the research. All questions I have asked have been answered to my satisfaction.

☐ I agree to participate in this project.