Consent Form

Study Overview

This study aims to assess how Functional Reactive Programming Languages are used. To do this, we will be asking you to modify a Mario game to get him to fly. The session will take no more than 1 hour.

During the session, you will be introduced to Elm, a functional reactive programming language, as well as being shown what we want you to create. We'll also present you with a questionnaire to see what experience you've had with Functional programming (or similar concepts) before. Finally we'll give you another questionnaire to ask how you think the session went, and the level of workload in the task.

The session will be recorded on video and then the audio from the session will be transcribed anonymously in order to find any problems that you had during the session. During this process, the data will be stored securely.

Important Information

- All data collected during this study will be recorded such that your individual results are anonymous and cannot be traced back to you.
- Your results will not be passed to any third party and are not being collected for commercial reasons.
- Participation in this study does not involve physical or mental risks outside of those encountered in everyday life.
- All procedures and information can be taken at face value and no deception is involved.
- You have the right to withdraw from the study at any time and to have any data about you destroyed. If you do decide to withdraw, please inform the experimenter.

By signing this form you acknowledge that you have read the information given above and understand the terms and conditions of this study.

Name   _____

Age   _____   Sex   _____

Occupation   _____

Signed   _____   Date   _____

Experimenter: Simon Buist, Dept. of Computer Science.
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Pre-questionnaire

Functional Programming languages

1. Have you ever used a Functional programming language
    before? Examples are: Scheme, Lisp, Haskell, ML, SPARK. Please
    circle *one* answer)

    Yes   No

2. If so, please list the Functional programming languages you've
    used before:

    _____
    _____

Design & Software

For the purposes of this questionnaire, we consider a piece of
software to be an application for which you have received/conceived
of a specification, and coded a solution that meets this solution.

1. Have you designed software before?

    Yes   No

2. On what platforms have you designed software?

    Desktop
    Mobile
    Tablet
    Web
    Other:

    _____

    _____

3. For what purposes have you designed software?
    Commercial
    Academic (e.g. Coursework)
    Personal project
    Other:

_____

_____

4. Roughly how many pieces of software have you designed?
5_____
_____

5. What programming languages do you know?

_____

_____
_____

General Demographics

1. How old are you?

    _____
    _____

2. What is your sex? (Please circle *one* answer)

    Male   Female

3. What is the highest degree or level of education you have completed? If currently enrolled please indicate the highest you have attained previously. (Please circle *one* answer)

    None
    GCSEs or equivalent
    A/AS levels or equivalent
    BSc/BA or equivalent
    MSc/MA or equivalent
    PhD or equivalent

4. In what field was your highest qualification?

    _____
    _____

5. What is your current employment status? (Please circle *one* answer)

    Unemployed
    Self-employed
    Employed
    Student
    Retired
    Unable to work

Post-Questionnaire

1. Please detail any comments on the result that you achieved

2. Please detail any comments on *how* you achieved it

3. Please detail any other comments

If you want to have the study as a whole explained to you, please do so now. However we ask that you refrain from discussing this with potential future participants.