

Consent Form

Study Overview

This study aims to assess how assistance can be provided in creating the conceptual design for a Service Composition tool/application. To do this, we will be asking you to create a conceptual design for a Service Composition tool, given a particular type of help. The session will take no more than 2 hours.

During the session, you will be introduced to Service Composition, 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 Service Composition (or similar concepts) before. You will be introduced to Service composition by watching videos of tasks being performed on SC tools, which should take about half an hour. The main stage of the session will be to create a conceptual design for a Service Composition tool/application [max 60 minutes]. 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: Andy Ridge, Dept. of Computer Science. A.D.Ridge@bath.ac.uk

Pre-questionnaire

Service Composition

1. Have you ever used a Service composition tool/application as part of your day-to-day routine – either at work or for pleasure? (Please circle *one* answer)

Yes

No

2. If so, please list the Service Composition tools/applications that you've used

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. What programming languages do you know?

6. Have you ever had reason to “mash up” two or more APIs into a single application?

Yes

No

7. Do you design software as part of your current job? (Please circle *one* answer)

Yes

No

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 design that you created.

2. Please detail any comments on *how* you created the design.

3. Please detail any comments on the tool that you used to created the design.

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.