

Participant Information Sheet

Project title:	Implementation of a Resource-based Checklist Generation Tool
Principal investigator:	Petros Papapanagiotou
Researcher collecting data:	Aun Sirinaovakul
Funder (if applicable):	-

This study was certified according to the Informatics Research Ethics Process, RT number 486463. Please take time to read the following information carefully. You should keep this page for your records.

Who are the researchers?

The main researcher in this project is Aun Sirinaovakul, a MSc student in computer science, supported by his supervisor, Petros Papapanagiotou.

What is the purpose of the study?

This study aims to evaluate the functionality and usability of a prototype tool for generating forms/checklists based on formal process models. The tool is developed as part of the WorkflowFM framework for logic-based workflow modelling and management, developed at the University of Edinburgh. The goal is to allow the rapid development of forms/checklists that allow users to interact with a workflow management and automation system as they perform manual tasks. Your feedback will help towards building a highly usable and functional tool that is accessible to people with limited technical or workflow expertise.

Why have I been asked to take part?

You are invited to take part in the study because you are familiar with web interfaces for creating an online form, such as Google Forms or other similar platforms.

Do I have to take part?

No – participation in this study is entirely up to you. You can withdraw from the study at any time, up until you submit the feedback, without giving a reason. After submitting, personal data will be deleted, and anonymised data will be combined such that it is impossible to remove individual information from the analysis. Your rights will not be



affected. If you wish to withdraw, contact the PI. We will keep copies of your original consent, and of your withdrawal request.

What will happen if I decide to take part?

If you decide to take part of this study, you will be first asked to try an online prototype of the system and perform a series of tasks in the context of designing a workflow-based form/checklist to the best of your ability. After that, you will be asked three sets of questionnaires and one open-ended question aimed to assess your impression of the functionality and usability of the prototype and gather feedback. The whole session should not take more than 30 minutes. Additionally, only the results of the questionnaires and the open-ended question are collected. That means no audio or video will be recorded.

Are there any risks associated with taking part?

There are no significant risks associated with participation.

Are there any benefits associated with taking part?

There are no benefits associated with participation.

What will happen to the results of this study?

The results of the three questionnaires will be used to calculate functionality and usability scores. The results of the open-ended feedback will be gathered and summarised into main topics that may be useful for the improvement of the prototype. Both the scores and the topics will be written and discussed in the MSc dissertation, and potentially research papers, reports and presentations. Quotes or key findings will be anonymized: We will remove any information that could, in our assessment, allow anyone to identify you. With your consent, information can also be used for future research. Your data will not be archived after the results are summarised to ensure the privacy of any potential personal data leakage.

Data protection and confidentiality.



Your data will be processed in accordance with Data Protection Law. All information collected about you will be kept strictly confidential. Your data will be referred to by a unique participant number rather than by name. Your data will only be viewed by the researcher/research team: Aun Sirinaovakul and Petros Papapanagiotou.

All electronic data will be stored on a password-protected encrypted computer, on the School of Informatics' secure file servers, or on the University's secure encrypted cloud storage services (Sharepoint) and all paper records will be stored in a locked filing cabinet in the PI's office. Your consent information will be kept separately from your responses in order to minimise risk.

What are my data protection rights?

The University of Edinburgh is a Data Controller for the information you provide. You have the right to access information held about you. Your right of access can be exercised in accordance Data Protection Law. You also have other rights including rights of correction, erasure and objection. For more details, including the right to lodge a complaint with the Information Commissioner's Office, please visit www.ico.org.uk. Questions, comments and requests about your personal data can also be sent to the University Data Protection Officer at dpo@ed.ac.uk.

Who can I contact?

If you have any further questions about the study, please contact the lead researcher, Aun Sirinaovakul (s2223223@ed.ac.uk).

If you wish to make a complaint about the study, please contact inf-ethics@inf.ed.ac.uk. When you contact us, please provide the study title and detail the nature of your complaint.

Updated information.

If the research project changes in any way, an updated Participant Information Sheet will be made available on <http://web.inf.ed.ac.uk/infweb/research/study-updates>.

Alternative formats.



To request this document in an alternative format, such as large print or on coloured paper, please contact Aun Sirinaovakul (s2223223@ed.ac.uk).

General information.

For general information about how we use your data, go to: edin.ac/privacy-research

