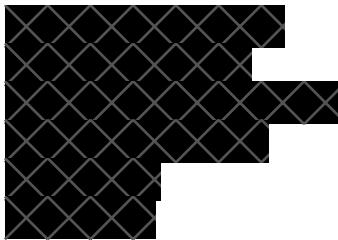


Participant Consent Form
Cognitive Process During Code Review



You are invited to participate in a study entitled Cognitive Process During Code Review that is being conducted by [REDACTED]



Contact email:



The purpose of this research project is to examine how reviewers perform code reviews. We aim to describe the process that reviewers adopt in order to review code and identify issues, defects and opportunities for the code improvement. The results will help to propose suggestions to improve support for reviewers to perform code reviews.

The Study

You will perform 2 reviews of your choice that are currently on your todo list on a call with the researcher - preferably a short and a longer one. This call will be recorded including the screen sharing. Please bear in mind that we can record only publicly available data in OSS projects. After performing these reviews, you will be shortly interviewed to better understand how did you do these reviews. The whole interaction should take ~45 minutes.

Conditions of the Study

• *Voluntary Participation*

Your participation in this research must be completely voluntary. If you do decide to participate, you may withdraw at any time without any explanation. You can choose not to answer a question or terminate your participation in any given moment. If you do withdraw from the study your data will be erased and will not be included in any analysis.

• *Disposal of Data*

We will collect recordings of the research call and screen sharing from your accounts and your interaction with your colleagues. This will be a base for

the analysis. This data will be stored on the University servers while the study is ongoing. As the data reveals personal information, it will be erased upon the publishing of the study. The study will however keep anonymized transcriptions of the review and interview that will be published together with the study.

- *Dissemination of Results*

It is anticipated that the results of this study will be shared with public and research community through a paper submitted for publication in research conference or journal that publish accepted papers publicly online.

In case of further questions or doubts, you may contact any of the researchers (contacts are provided above) or the [REDACTED]

Hereby, you consent to:

- the use of your data in the current study and to the publishing of the study results based on their analysis
- to provide your anonymized data to be shared in an open science data set

Your signature below indicates that you understand the above conditions of participation in this study, that you have had the opportunity to have your questions answered by the researchers, and that you consent to participate in this research project.

Name and Signature

Date