

# Development of a Web-Based Tool for the Assistance in Code-Readability Experiments

## Task

Your task in this thesis will be creating a tool for the assistance in online-experiments, particularly in code-readability. The development is to be carried out in php having a database connection.

Goals of your work are:

- Administration of multiple participants
- Random selection of tasks
- preferably accurate time measurement
- Displaying the results in a text-file
- eA preferably flexible enhancement possibility for following varieties of experiments (different number of groups, conditional execution of questions, examination of written source code)
- Exemplary implementation of a planned experiment

## Student

- Lanlan Zhang

## Fields of study

- Computer science and comparable studies.
- In case of interest, please send an email to the tutor.

## Tutor

- Dr.rer.nat Dirk Wilking

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