10/1/2019

Study Instructions

Goal of the study is controlling crowd programming; we do not want to evaluate your skills. **You can use Google if you have problem while you are programming.** The study will be conducted entirely remotely over the Internet. You will remotely be connected via **TeamViewer** to our machine and accomplish the task. The task will be fixing issues on a GitHub repository. The GitHub repository is back-end project that propose a bunch of HTTP request for consumers. In this study, you will 1) use the environment (IDE, GitHub Desktop, MacOS) to complete a series of programming issues on the GitHub, and 2) answer questions about your experiences working on these tasks. It will take 4 hours (240 minutes), we will call you by Skype at the scheduled time.

# Before getting started

## Please sing and send back the **Consent form**.

## You will need to use **Skype** for chatting with us, so please install Skype if you do not have it. Skype ID of experimenter is ‘eaghayi’, please send a message in the Skype before the study or share with us your Skype ID by replying to this email.

## You will need to use **TeamViewer** for connecting to our system and accomplish the task. We will share our screen with you, then you work on the task on our system remotely. So please install TeamViewer (https://www.teamviewer.com/en-us/download) if you do not already have it.

## Our TeamViewer id is “573 990 194”, we will share with you our password via Skype just before the scheduled session.

# Study steps

## Connect to our environment (IDE, GitHub Desktop, MacOS) via TeamViewer remote computer tool. If you cannot find desired tool in our system to accomplish your task, you are free to download and install every tool you are more familiar with. for example, if you are fluent to any other IDE than WebStorm, please feel free to install it.

## Go to the GitHub repository [*URL of the repository will share with you just before the scheduled meeting*], clone the code to *Document folder* of the local machine that you remotely connected to it in the previous step.

## Setting up the workspace, install everything that you want like repository or tools.

## Go to the GitHub repository, **under issues tab**. Please read unresolved (open) Issues and try to resolve them as much as you can accomplish in 4 hours. Keep in mind, there is no order for selecting issues, you may pick any issue to resolve. You have to resolve as many issues as you can.

## It is not required but you can evaluate the issues that you are trying to resolve by writing unit tests.

## 15 minutes before the end of study, the programming portion of the study will conclude. At this point, you should fill in the post-task survey to let us know about your experiences: <https://docs.google.com/forms/d/e/1FAIpQLSc9n4Zrb49_22kXO5S7NvS9nUDS3E4D8BxwKG2JW1ri3APcmQ/viewform>