

# Study Protocol

## Introduction:

1. Introduction of the presenter:
  - a. Hello, my name is X and I will be your guide for this study.
2. Tell the user why they are here and what the goal of this session is:
  - a. We are conducting a study session about a feature of our newly developed calendar application.
  - b. The goal is to gather some information about how the user interacts with different representations of the feature.
3. Give an overview to the user of the study session:
  - a. Before we begin with the task, we'll ask you to fill out a questionnaire about yourself.
  - b. Then we'll give you an introduction to our application, so that you are familiar with how the app works and what functionalities it has. Don't worry, we will first do a dry run where you can experience the app without any pressure.
  - c. Then you will complete a task with two different interfaces of the application and after each task we'll ask you to fill out a feedback questionnaire about the corresponding interface.
  - d. At the end of the study, I will do a short interview about the two interfaces, where we can freely talk about your experience.
4. Conduct questionnaire for collecting **participant data** (google forms):
  - a. We would like you to fill out this questionnaire. There are some demographic questions and no personal data will be collected.

## User preparation & Trial run:

5. Give the user an introduction to the application:
  - a. We would like to gauge how well two variants of our template functionality compare to each other.
  - b. **TODO**
6. Give the user instructions to the task that they have to complete for A and B:
  - a. Your task consists of the following three subtasks. First, modify the "Lunch with Friends" template by setting its color to green. Then, you plan a cinema night using the template "Cinema Night" next Wednesday at 19:00 lasting two hours. Lastly, you plan a trip to the zoo using the template "Zoo" next Saturday.
7. The user does a training round, where they do the task with A and B without any data being collected:
  - a. Before we begin with an actual attempt, you now have time to familiarize with the process of completing the task.

8. Tell the user to think aloud and comment on the application and on their feelings while completing the task:
  - a. While you are doing the task, I would like you to think aloud. Express your thinking process and any questions or comments that come up.

**Actual run: (Do not forget to counterbalance by starting half of the participants on variant A, the other half on variant B)**

9. The user tries to complete the task on variant A/B. Here, we measure various performance metrics as explained in the blog:
10. While user does testing, collect **qualitative feedback** by taking notes on the user's thoughts/comments of variant A/B:
11. Conduct questionnaire for **subjective ratings** (google forms) for variant A/B:
12. The user does testing on variant B/A. Here, we again measure various performance metrics as explained in the blog:
13. While user does testing, collect **qualitative feedback** by taking notes on the user's thoughts/comments of variant B/A:
14. Conduct questionnaire for **subjective ratings** (google forms) for B/A:
15. Do a debriefing session (e.g. short interview) for collecting **qualitative feedback** of both A and B: