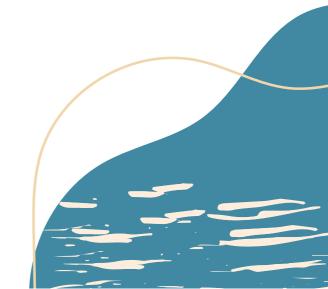# EVALUATION PLAN

Gold Rushers

Plan for High-Fidelity Prototype

Overview for after the Second Assessment

- Apply feedback received from the Mid-Fidelity Prototype testing to develop our High-fidelity prototype;
- Perform usability testing;
- Analyse problems we find during tests and gather insight;
- Iterate as many times as needed to have a proper functioning High-Fidelity Prototype;
- Reach our final design;
- Prepare for the project presentation

As we are making the evaluation plan for the high fidelity, we are taking into consideration what we need to know from our users. We are considering performing:

- System Usability Scale (SUS), which 10 questions we will start preparing next week;
- We will look into how we can use AttrakDiff as the Comparison A-B and the Comparison Before-After options they provide look like a great way to receive feedback. This research instrument will allow us to ascertain design measures;

- We also want to measure the Usability (namely effectiveness, efficiency and satisfaction) of our App, given the tasks we propose.

With this in mind it will be easier to structure our next steps (e.g., recruitment, quantitative/qualitative methods, user testing protocol, data analysis, data synthesis).

Summarizing, Analyzing and Communicating

After we perform the evaluation of our High-Fidelity Prototype, we hope to have collected enough data so that we can **summarize** (point estimates, standard deviation and dispersion of the data) it and, ideally, elaborate graphics, such as **histograms** and **column/bar charts**. This will allow us to collapse data to units suitable for analyzing or communicating and distinguish differences between groups.

These graphics will then be analyzed using the **adequate metrics** and then help us improve the **effectiveness**, **efficiency** and **satisfaction** with our High-Fidelity Prototype by going through as many rounds of **iteration** (and testing!) as needed, until we have a final, working and engaging App.

User Testing Protocol

We want to assess if users can use our App successfully. In this protocol, we make a draft of the objectives, methodology, and organization of the user tests we will conduct.

1. Welcome and **thank** the user for their time;
2. Explain the, the user **testing procedure** (establishing an understanding of the test purpose and goals) and guaranteeing that **we want to test our App, not the users** themselves, so they should feel at ease;
3. Before starting, **ask the users if they have any questions**;
4. For the last assessment, we will try to find users who are ok with being on camera so that we can record them testing our app - for that we will provide them a **Consent Form**;
5. Have our users complete a **demographic questionnaire** that will allow us to group the data we gather;
6. Conduct the test;
7. Eventually, have the user complete a **post-test questionnaire**;
8. Ask the user if they have any questions for us and **thank them once again** for their time.