User Research Summary
Due: Monday, 5/29 by 11:59 PM

Overview
In the final two weeks of class, your main goal is to continue iterating on and improving your prototype by answering key questions as well as by increasing the fidelity of the prototype. Note that this can either be through a usability study or a controlled rapid experiment.

In this assignment, you should first redesign your prototype based on the heuristic evaluation and then complete 2-3 rounds of testing and iteration on your design. Note that between now and the presentation of your final medium-fi prototype, you need to have completed at least 3 rounds of testing and redesign, preferably more. As you know, recruiting can be tough, so recruit people now and pre-schedule them for the next two weeks to make sure that you have subjects ready.

1. Redesign based on Heuristic Evaluation
Improve your current medium-fi prototype based on the heuristic evaluation results. Fix all of the severity 3 and severity 4 issues as well as any easy to fix severity 1 and severity 2 issues. This is also the time to make the prototype of higher fidelity (adding color and conforming to more of the platform standards for the device you plan to target -- e.g., iPhone, iPad, Android, Web).

2. Testing and Redesign
Continue running iterative tests with the newly designed prototype. This type of rapid iterative testing is sometimes called RITE testing. Here's a nice paper that Microsoft wrote about how they do this type of iterative ongoing testing -- this is your opportunity to do a lot of it. Usability testing to improve the usability of your experience is even stronger when paired with experiments that gather feedback on the actual use of your experience. Remember, usability tests answer questions about usability, experiments answer questions about use -- i.e. how effective your idea is at addressing the need you designed for.

All of these tests can be similar to what you did with the medium-fi prototype, but with more fidelity and more functionality in the hi-fi prototype than you had for the previous testing.

For each test, think about what is the goal of the test? Who will you test with? What compensation will you need to give? Where will the test take place? What information will you measure? What are the results? What design changes did you make based on the results? Prepare to answer the following questions for the deliverable in the summary you submit:

- Question(s) you were answering
- Who did you test with?
- How did you recruit and what compensation was given?
- Test plan (environment test took place in, tasks tested or experiment setup)?
- Summary of results?
- Design changes based on these results? (with images!)
Need help?
If you are not sure how to best create a test for the question you are trying to answer or are having trouble recruiting, reach out to the teaching team sooner than later since we won’t have any more class.

Deliverables
In your Drive folder, make a new folder called “User Research Summary” and include a document with:
- A summary of each test you’ve conducted since the heuristic evaluation (with the questions above answered).
- A link to your current prototype
- A list of any questions/concerns/worries you have at this point

Grading Criteria
Testing (100 Points)
- For each test (85 points total)
  - Goal of each test? (10 points)
  - Who did you test with, how did you recruit and compensate them? (10 points)
  - Test plan (environment test took place in, tasks tested or experiment setup) (20)
  - Summary of results? (20 points)
  - Design changes you made based on these results? (25 points)
- Link to current prototype (5 points)
- Questions/concerns/worries (10 points)