# CS 338: Graphical User Interfaces

## Project Stage 1: Prototyping and Evaluation

### Evaluation Report

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## Project Idea

Based the recent events occurring from the coronavirus outbreak, many Americans have been forced from their normal lives into one of isolation and social distancing. Due to the severity of this outbreak, it becomes of the utmost importance to approach this issue and attempt to solve the problems by providing people with information regarding the spread of this virus through contact-tracing. With the Disaster avoidance Initiative through Virtual Observation and Contact-tracing (DIVOC) app, those affected from the pandemic will be able to maintain a sense of safety when conducting their lives.

## Comments

To gain an idea of what interface features would best suit the end user, evaluations of the paper prototype were conducted using a heuristic evaluation. Overall there was positive feedback, though some elements are in need of adjustments. They primarily enjoyed the simplistic flow and style.

There were a few concerns about the design of the profile screen. The profile screen was too simplistic to be functional. The evaluators did not find it easily understood that to change an element of the profile they would need to click the element. Additionally, there was confusion of the flow to sign into and manage a profile.

## Necessary Revisions and Improvements

In an effort to maximize the ease of user interactions, there will need to have some changes to the design. Firstly, to minimize the concerns of the profile screen, a reformat will occur. The current interface consists of hyperlinked text. the new design will create a more appropriate feel and design.

Secondly, the way the users sign in and log out of the account will be migrated to a simpler location. As it currently is, the log in and sign out features reside in the menu. This will be migrated to the profile screen to make the process of signing into and managing a profile easier for the user.