

Team 6 User Study

For the initial user study each secession should last approximately 5-10 minutes. The first few minutes should be utilize to familiarize the participant with the overall objective of the project, and description of what information is expected in their evaluation. Then the participant will be exposed to the different initial solutions, and color variant there in. The goal of this part is to achieve the user's initial reaction to each design and determine what aspects produce the easiest and most natural interaction. In this manner the final design should utilize a layout that has the most natural navigation for the user.

The current plan is to conduct the studies during lab time as it satisfies two main factors. First, there are computers available so we can compare user's reaction to the layouts based on screen size (Desktop vs Laptop). Additionally, performing tests in the lab ensures participants availability as they will not be in another class.

The main pre-study questions we plan to ask is if they have any prior experience with the scenarios likely to be encountered by the end users. If any participant has, their response will be weighted higher as their opinion should be more influenced by past experience. If they prefer a single interactive page or multiple distinct pages for accessing information. Finally, what screen size they tend to view media on.

The first task we plan to have the user do is sketch/describe out how they would prefer interacting with the page. Specifically, how they personally would like the layout for access to be done. Do they like buttons, sliders, scrolling, etc. Then we plan on showing the user different proposed designs and ask them to perform a simple set of actions to access the different content. Around half the users will be given no indication on how to perform the task. Eg. Access the video feed, then it will be noted what the participant does. This is to help reduce bias and see if our proposed design truly is natural to use. The second half will be instructed how to access the content then instructed to do so themselves. After which they will be asked what their thought are on the interface. This should help iron out the more conscious design elements that will be noticed by an informed user.

The main goal is the measure the users responses to each question. Because we have no use to rate our app no quantitative questions will be requested at this time. In possible future tests the speed at which a user is able to switch between a set of content may be measured. But, for the first user study the main goal is to ensure our design aligns with what users have come to expect when interfacing with webpages.

After the study a final overall impressions question will be asked, at which time the user is free to address any concerns they had. Additionally, a request for any additional features the participant feels should be integrated will also be asked. Finally, a question regarding the users feeling on the study and its length will be asked, as to make any necessary changes to ensure the maximum effectiveness of any future studies.