

## Project Repository

For easy version control and sharing purposes, the website will be pushed to the following GitHub repository:

<https://github.com/cresswitch/webdev-group6>

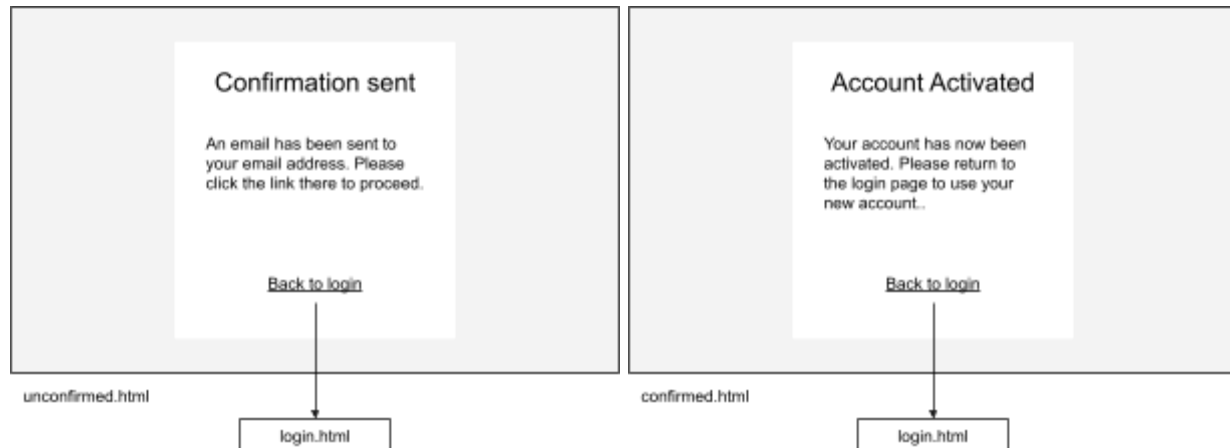
## Design Concept

As the website is intended to be host to information and content through text and images, it is vital for the readability and usability of the web application to be simple and uncluttered. With the rise of social media, many websites find themselves cluttered with unwanted buttons or poorly placed design elements. This will be avoided by giving priority to the important elements of the website, namely the posts and users. Minimal design elements will be added in order to ensure that the website is not too plain and the user remains engaged, but excessive user interactions such as unneeded function and long user flows as well as distracting visual elements are to be avoided. This simplicity will also help with formatting adjustments made for mobile users as opposed to desktop users. A definite color scheme for this web application has not been decided, however the general scheme will be composed of one relatively vibrant color along with monochromatic shades. This is convenient for allowing a user to change between light and dark mode and will allow the website to always remain readable.

## Design and Interactions Prototype

Login and Register

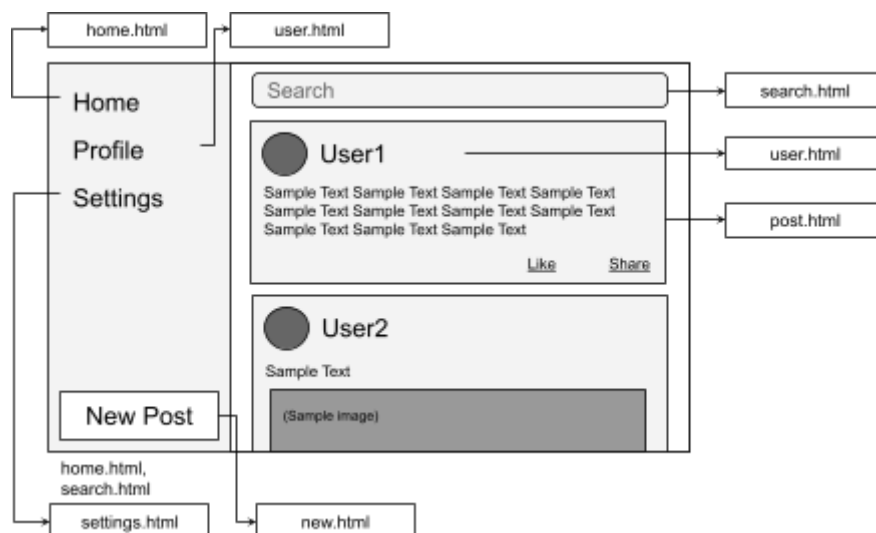


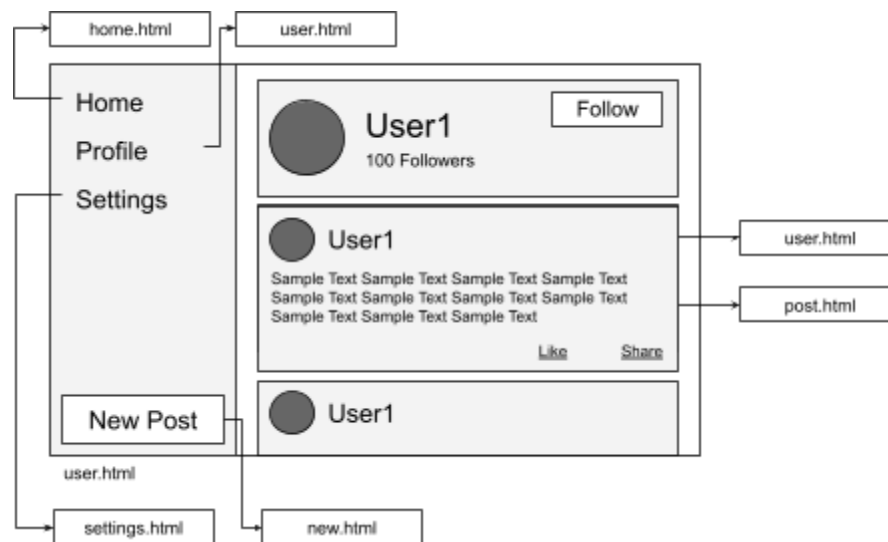


These pages are the first pages seen by a new user and are as simple and uncluttered as possible. A background image and simple design elements can prevent this page from being too unengaging.

The login screen is presented first for the sake of returning users while a high visibility link leads unregistered users to the register page. The register page is similar to the login page, albeit with more fields. Unnecessary clutter is avoided to speed up the registration flow. After registration, a confirmation email is sent to the user's address which in turn leads to the confirmation screen, which leads back to the login page.

## Home, Search, and User



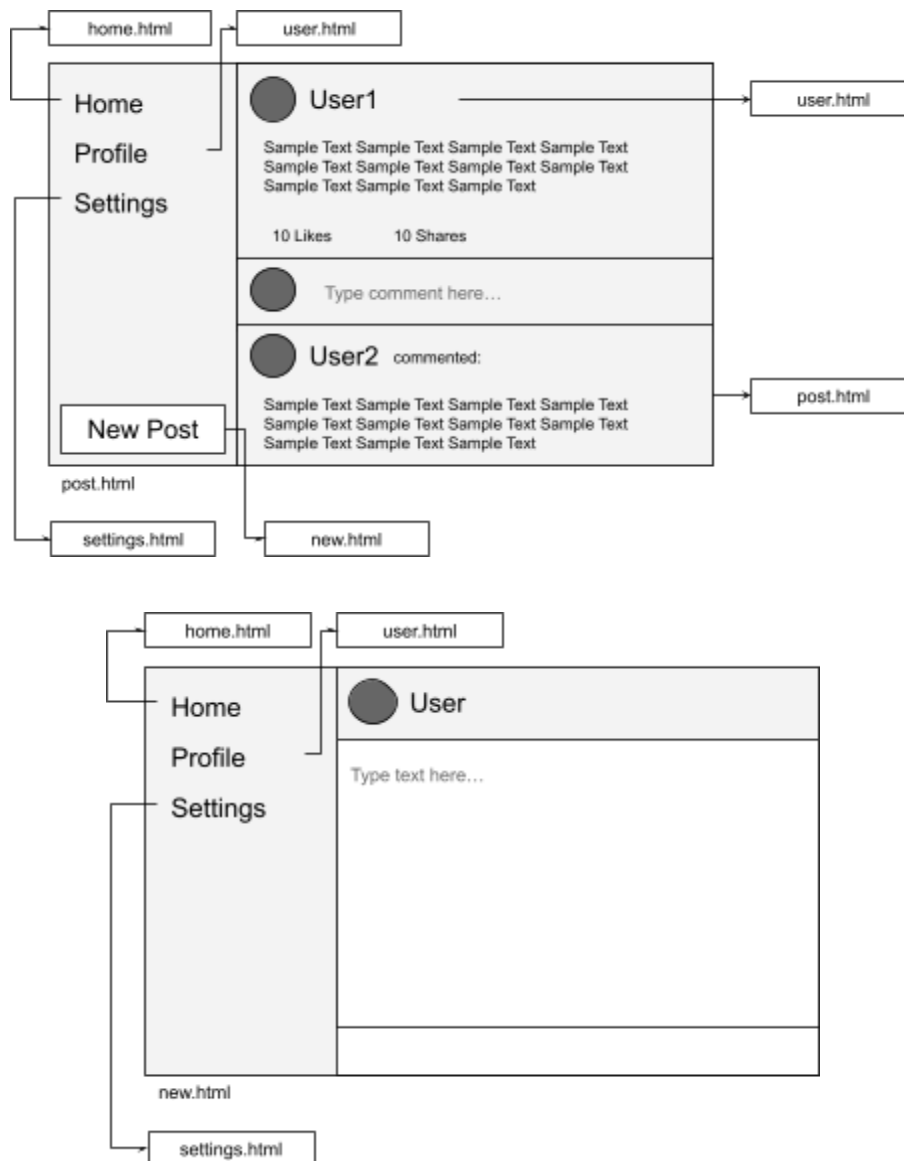


The home page is the true landing page of this website. This has the content that a user wants to view most, which are relevant posts. The area for the posts should take up most of the screen and be relatively centered for the sake of user experience. Long posts or posts with many attached media are shortened as the main point of the home screen is to view many posts and not just one. On this page are also elements that lead to all other relevant pages. These should be prominent enough for the user to notice but not too distracting that the user's attention is drawn away from the posts.

The search bar indicated in the design leads to the search page when a search query is entered. This page is the same appearance-wise as the home page, and only the content of the posts is different as this page displays posts relevant to the search instead of posts chosen by the algorithm.

Similarly, a user page also has a similar format, the difference being the user information pinned in a prominent location. This page shows chronologically the posts of a selected or searched user. This can also show the user's own posts and details if the profile button is selected.

## Post and New Post



When clicked, a single post and its information can be viewed in full. The post takes up most of the screen, including text and photos that may have been cut off in the previous page by other posts. Statistics such as likes and shares can also be viewed. Below the post are the comments, which are also considered posts and can be viewed in the same way.

To make a new post, a button always present on the screen (besides login and settings) can be used to lead to the new post page. Here the user can draft their content and attach pictures or links.

## Settings and Account



The settings page contains all relevant personalization and convenience options. This is where light/dark mode, text size, and other settings may be found. These items are conveniently arranged in a list format for ease of access. For now, this will be left mostly blank in favor of other features that are part of the scope.

Account settings can also be located here. These include password changes and the option to log out or delete the account.