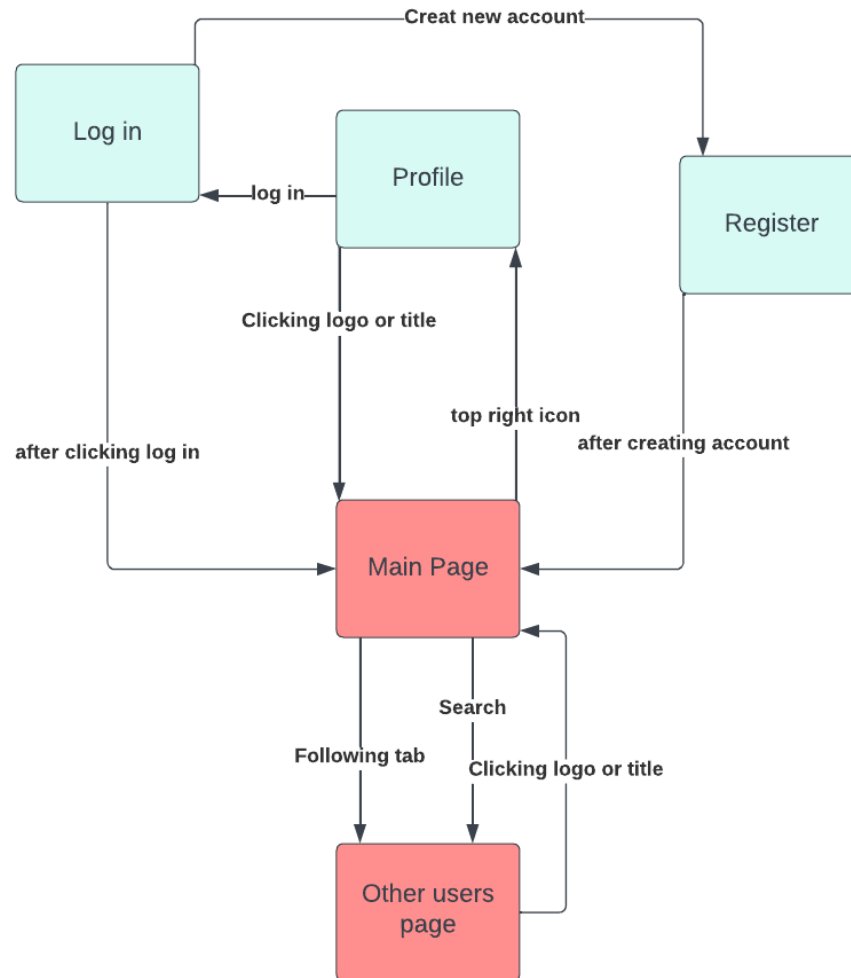


COSC 360 Client Side Experience

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Project: MyBlogPost

Site Map



Logic

Users

To begin the site will open to the main page. Initially users will not be logged in. They will be able to view posts and search for users/view their respective page. If a user wants to make a post and comment or like others they will have to make an account. This will be done by clicking the profile icon in the top right. This will take the user to the Login page. Below the form will be a link to create a new account. After this is done. The user can log in and experience full functionality. Now in the logged in state, if a user clicks the profile icon again they will be taken to their profile page. Here will be options to edit account information, log out, and view their personal post metrics attached to them. Logged in users will be able to like and comment on other users posts. There will also be a function to follow other users. These users will be added to the following list for quick access. When a user wishes to make a post, they will traverse to the main page and click the new post button. The user will now input their post into a pure text field, the field will be validated to ensure it is not empty, then the post will be stored and displayed on the users page. The main page will display all of the users posts in chronological order. To view other users' posts, they can search for the user's name or select it from their following tab. After selecting a user to view. You will be taken to their page, which mimics the main page but with their content instead.

Admins

Admins will log in using the regular log in function, the system will know that certain user names are admins. Admins will be able to edit or remove any post by any user.

Design and Styling

Our design will follow a simple two column design. The header will house the main navigation functions including profile button for login and profile tasks and a search bar to go to other users pages. At any time, the site title/logo can be clicked to return to a user's main page. The first column will house things like followed users and trending users. The second column will be the brunt of the page. This is the area where the user will see their blog space, showing all their posts in chronological order. Our current styling consists of a white, gray and blue coloring (subject to change). Icons and image elements come from a copyright free pack.

Client-side validation

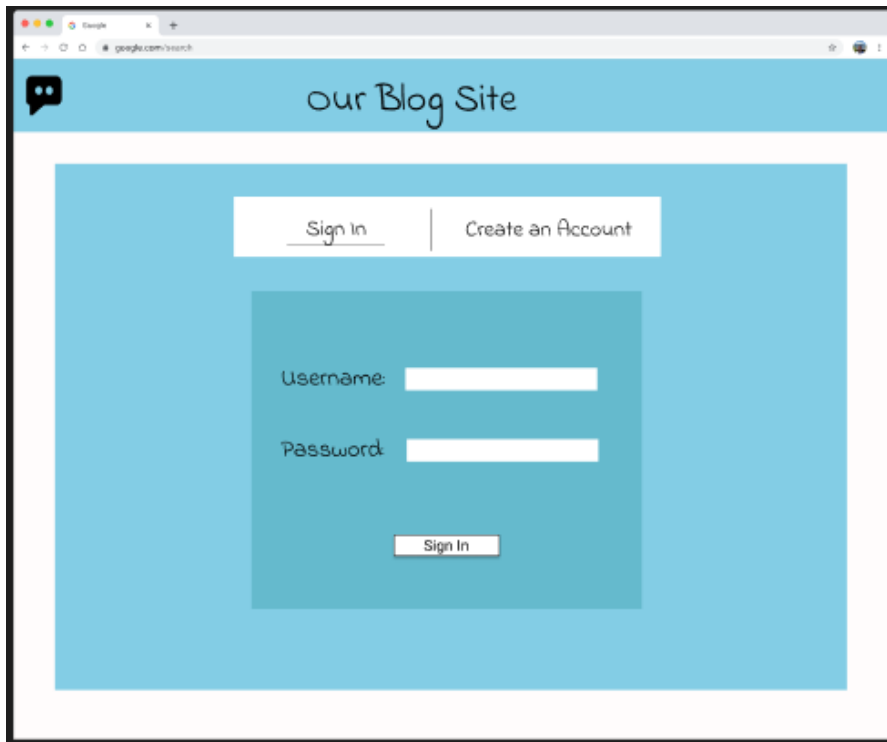
There are multiple aspects on the client side that will require validation. When a user is registering a new account all fields will need to be filled before submission. Email addresses must follow normal conventions. Passwords will require at least one number and one special character. They must also be 8 characters or longer.

When creating a blog post or comment, the text field will be checked to ensure it is not blank before submission.

When registering a new account. The email and username will be checked to ensure they don't already exist, if they do the user will be asked to try a different one.

Static design and styles of pages

Sign In Page:



The image shows a web browser window with the address bar displaying 'google.com/search'. The page has a light blue header with a speech bubble icon on the left and the text 'our Blog Site' in the center. Below the header, there is a white box containing two links: 'Sign In' and 'Create an Account'. Below this box, there is a light blue rectangular area containing a sign-in form. The form has two input fields: 'Username:' and 'Password:'. Below these fields is a 'Sign In' button.

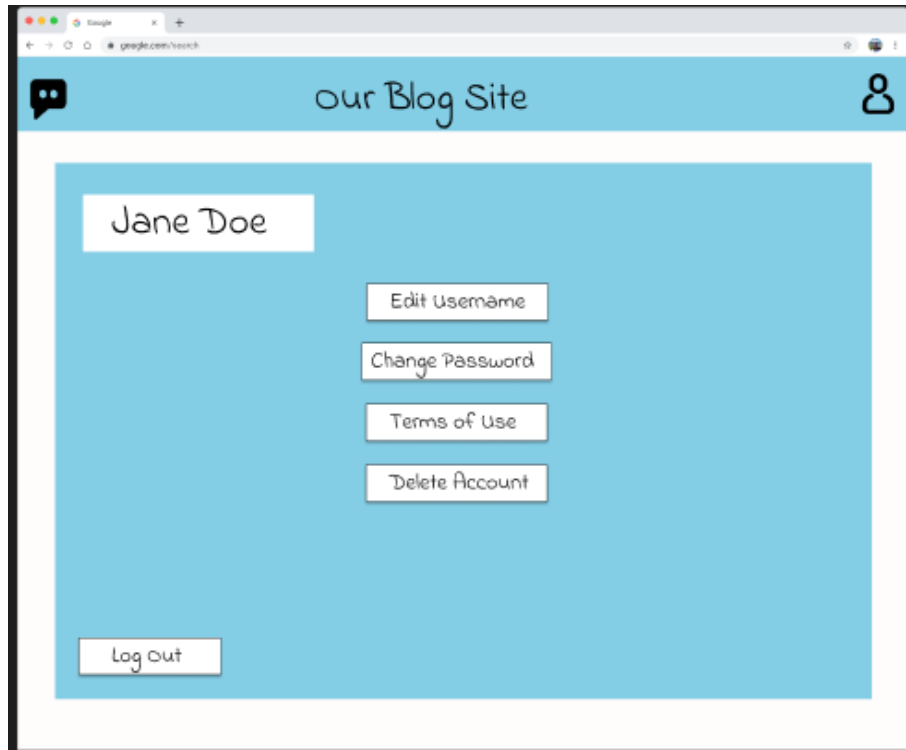
Register Page:

The screenshot shows a web browser window with the address bar displaying 'google.com/search'. The page has a light blue header with a speech bubble icon on the left and the text 'our Blog Site' in the center. Below the header, there is a white box containing two links: 'Sign in' and 'Create an Account'. Underneath this box, a light blue box contains the text 'Complete your profile by filling in this account creation form.' followed by a series of input fields: 'Name' (split into 'First' and 'Last'), 'Email', 'Birthdate' (with a date picker icon), and 'Preferred Username'. Below these fields, there is a question 'Do you want to receive updates by email?' with 'Yes' and 'No' radio button options. At the bottom of the form is a 'Register' button.

Main Blog Page:

The screenshot shows a web browser window with the address bar displaying 'google.com/search'. The page has a light blue header with a speech bubble icon on the left, the text 'our Blog Site' in the center, and a user profile icon on the right. Below the header, there is a search bar with a magnifying glass icon and the text 'Search'. To the left of the main content area, there is a sidebar with three sections: 'Bookmarks' (listing 'CookingMaster56' and 'AnimalLover'), 'Following' (listing 'erikn-wilchuk', 'Amitha98', and 'JaneDoe'), and 'Trending' (listing 'PopularUses?' and 'TravelGuy'). The main content area is titled 'Your Posts' and contains two large, empty gray rectangular boxes representing post placeholders.

Profile Page:



Examples of each page type in your proposed site (client-side validation):

Form Validation:

- Sign in page username & password
- Register page name, email, registered birthdate, password
- Profile page edit username
- Profile page change password