Product Design

Team 3 Factor Authentication

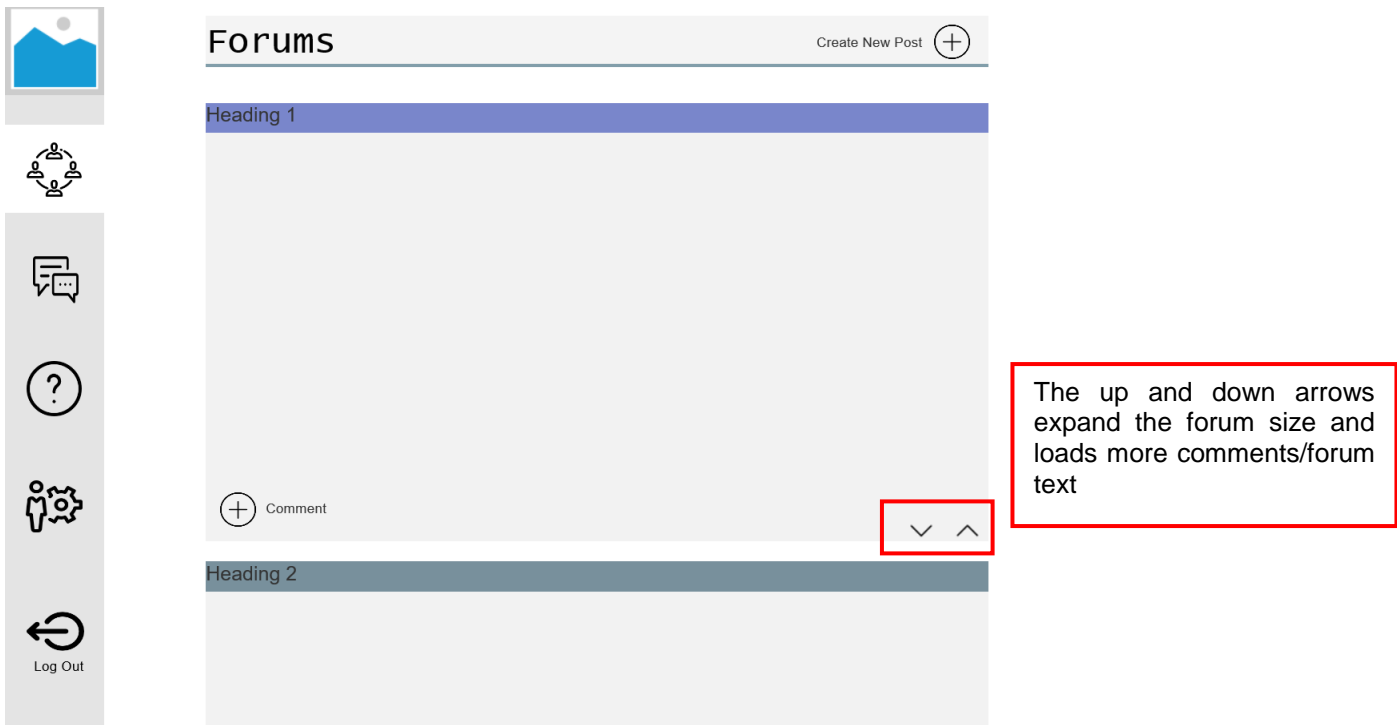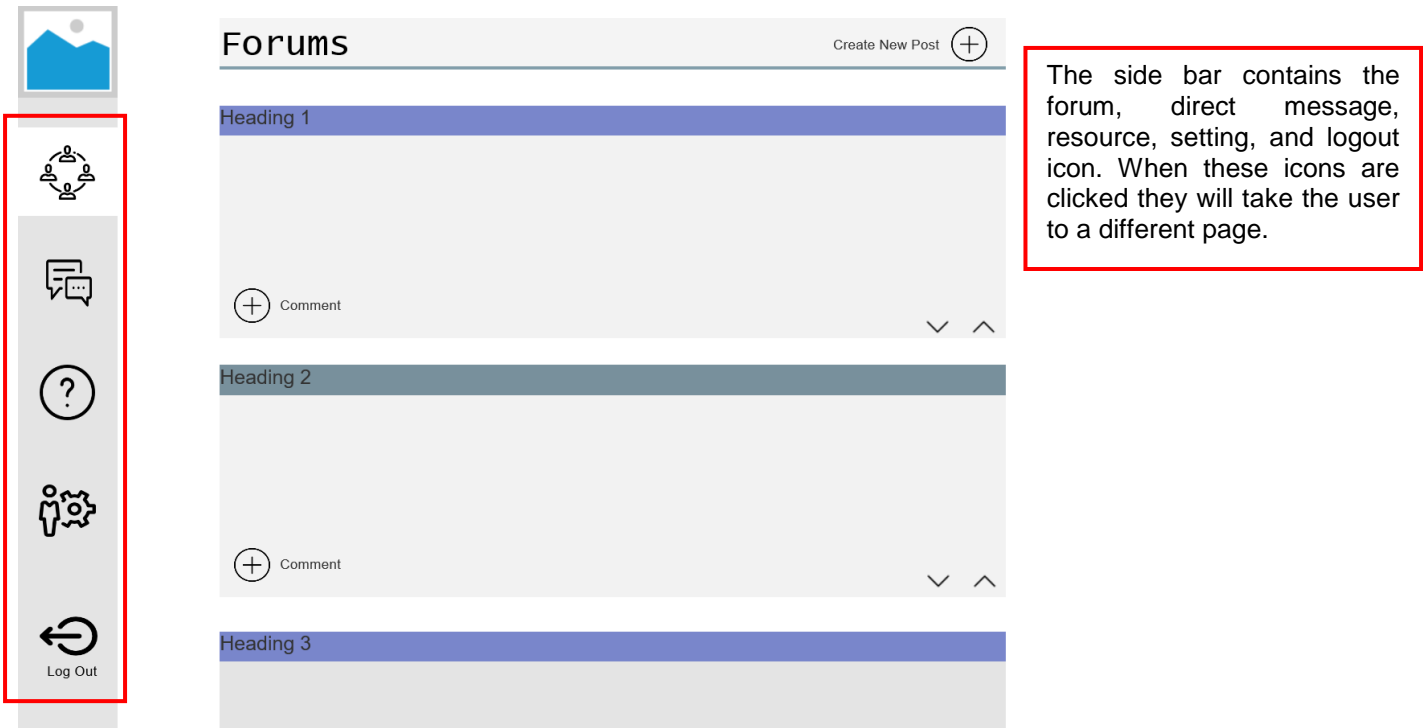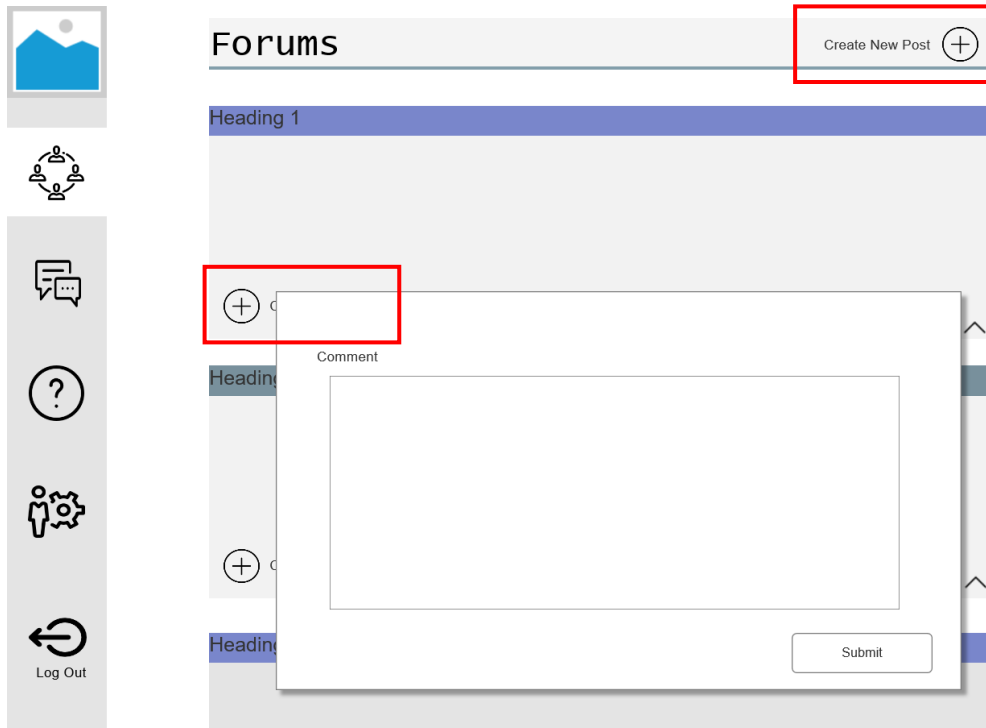| Revision Number	Revision Date	Summary of Changes	Author(s)
0.1	02/19/2018	Create the base of the wireframe	Brandi
0.2	02/19/2018	Update to the side bar to add a logout button	Daniel
0.3	02/20/2018	Decided to add the arrows instead of going to another page.	Brandi
0.4	02/22/2018	Create the 2nd pull out bar for notifications	Gabrielle
0.5	02/22/2018	Create the ER and Class Diagram	Brandi
0.6	02/23/2018	Add and create the plus icon and pop-up window for the create new comment and forum	Daniel
0.7	02/24/2018	Added the color scheme to the wire frame	Gabrielle

Class Diagram(s)

Attached in different document: Halfway Class Diagram

ER Diagram(s)

Attached in different document: Halfway ERD

User Interface Wireframe(s)/Screenshot(s)

Forums

Create New Post ⊕

Heading 1

⊕ Comment

Heading 2

⊕ Comment

Heading 3

Log Out

The side bar contains the forum, direct message, resource, setting, and logout icon. When these icons are clicked they will take the user to a different page.

Forums

Create New Post ⊕

Heading 1

⊕ Comment

Heading 2

Log Out

The up and down arrows expand the forum size and loads more comments/forum text

Forums

Create New Post ⊕

Heading 1

⊕

Comment

[   ]

Submit

⊕

Heading

Heading

When clicking the plus icon for both new post and comment, a popup window will come up where the users will be able to create a new post/comment on a post.

Forums

Create New Post ⊕

Heading 1

Notification

ment

Log Out
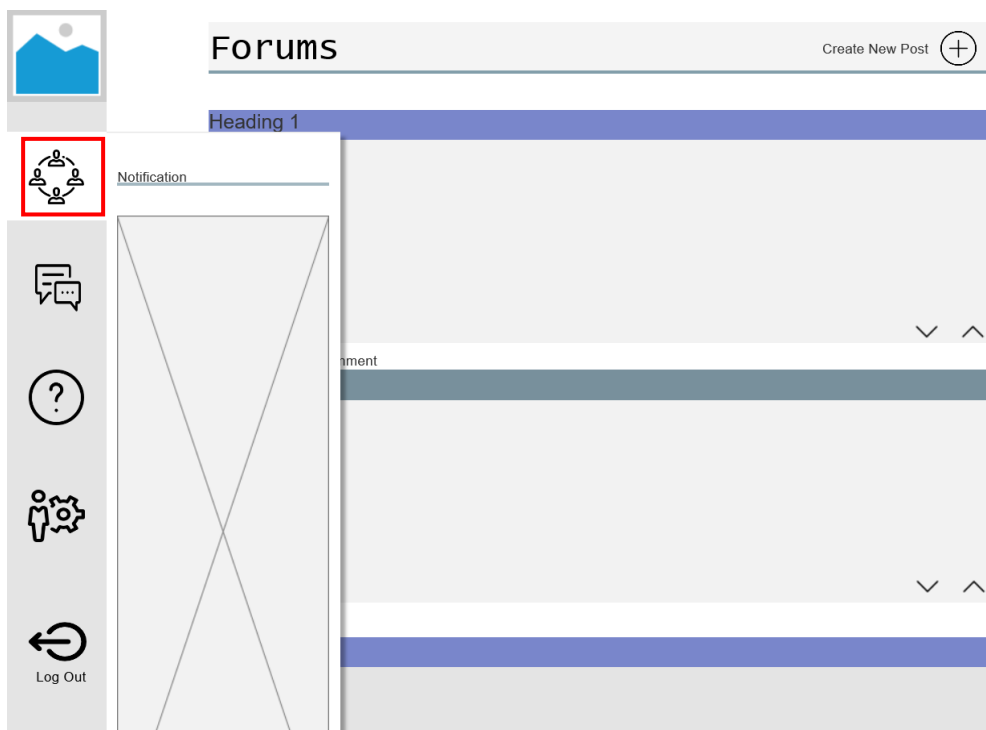
If the icon that is already clicked is clicked again it will pull up a second side bar.

Design Summary

Our approach to this projects design is simplicity and familiarity. The reason we aim for simplicity is because of the target audience of our project. The youth from the halfway home are going to be encouraged to use our application. However, if the application is not easy to use, then it will obviously discourage users. We focus on simplicity to make information available within no more than 4 clicks. The interface uses familiar icons to point users to content such as messages or help. A simple and recognizable design will encourage repeated use of our application and will hopefully promote our applications intended result. Another design approach we are using to facilitate the creation of this website is developing isolated modules. Each tab in our website will perform its own functions, independent of the other tabs. This will allow ease for testing as well as development. Through the UML class diagram, you can see that we are emphasis modularity through breaking the components of our classing into several classes and functions. The ER diagram allow you to see how each object is connected to other objects and what the objects contain.

Design Rationale

Still in consideration:

- Direct messaging

    - We are still unsure of the most useful way to implement the design for the chats that will align with our project. Current considerations are a Facebook chat style, or a message view like our forum posts.

    - We have discussed whether the Administrators should have access to the direct messages and have decided that we will discuss this with our mentor and decide to decide based on what she says.

    - We have discussed where to put the notifications. In our first design we decided to have a notification component across all the pages but in later designs we decided to move it to the pop-up side window as this would make it easier for the website to work both on phones and PCs.

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- Logo

    - Logo has been created but needs more fine tuning. We are also considering a neon sign look and also want it to resemble a house.

    - We are still considering what color to use for the logo and are considering red and blue or blue and pink.

- Forum threads

    - As of now, our design ideas for the forum page is to have a list of the currently open threads, and at the top have buttons to create new threads. The forum section is one that we discuss daily as it is integral to the project and is most likely not final.

- We have discussed whether we want the forum to have where the arrows on the forums to load all of the comments on the main page, to direct the user to another page that contains just that thread, or whether we want them to only click the arrows three times and then place a scroll bar that pulls up the rest of the comments in a list forum. We decided to just stick to the arrows and loading more comments on the page.

- Navigation bar

  - Explained below

February 21, 2018

Our current website design holds a left sidebar that appears as a tab function, and a floating box on the right side of the website to hold notifications. After a group debate over where to place notifications, we decided it was best to move the notifications to the sidebar. This helps us simplify our design, as well as further streamline the website when it is viewed from a mobile platform.

February 23, 2018

While developing the left sidebar, Daniel ran into issues with viewing the sidebar in a mobile view. He has proposed that to fit with our goal of optimizing the site for web and mobile, that we instead change the design to a navbar on the top, as this scales much better on mobile devices. This is currently under discussion as we must choose if we will prioritize web view over mobile view.