

BasicTies

By: Keegan Preston and Daniel Knight

Table of Contents

Version History	2
Project Description.....	3
Features	3
Limitations.....	3
Technologies Used	4
Users/User Needs	6
Structure.....	7
Scope/Skeleton.....	8
Feedback.....	24
Scope (Previous).....	25

Version History

- Version 0.1 – Created Design Document 08/07/2023
- Version 0.2 – Added Version History 08/07/2023
- Version 0.3 – Added Project Description and Features 08/07/2023
- Version 0.4 – Added Technologies Used 08/07/2023
- Version 0.5 – Added Users/User Needs 08/08/2023
- Version 0.6 – Added Scope and Structure 08/08/2023
- Version 0.7 – Added Skeleton 08/08/2023
- Version 0.8 – Added Limitations 08/28/2023
- Version 0.9 – Updated Scope 08/28/2023
- Version 1.0 – Updated Structure 08/28/2023
- Version 1.1 – Updated Skeleton 08/28/2023
- Version 1.2 – Added Feedback 08/29/2023
- Version 1.3 – Updated Skeleton 09/17/2023

Project Description

We propose the development of a unique social media application that prioritizes user privacy, fosters a close-knit community experience, and delivers an advertisement-free environment. Our platform allows users to create profiles, connect with friends, and post or reply on a public feed. We aim to provide a refreshing alternative to existing social media giants by maintaining a smaller-scale, community-oriented approach while never collecting or storing personal information beyond what is required for sign-up.

Features

- **User Profiles:** Users can create personalized profiles with relevant information.
- **Public Feed:** Members can post text on a public feed, which other users can view and interact with.
- **Friend Discovery:** Users can search for and connect with friends, fostering a sense of community.
- **Like System:** A liking system that allows users to like a post from another user to show their appreciation of the post.
- **Content Management:** Users can edit their profile information and delete their own content.

Limitations

- Must be both mobile and desktop friendly.
- Must use the least number of swipes and page changes as possible.
- Must keep the user's spot on the page so they don't have to keep swiping back down.

Technologies Used

Languages:

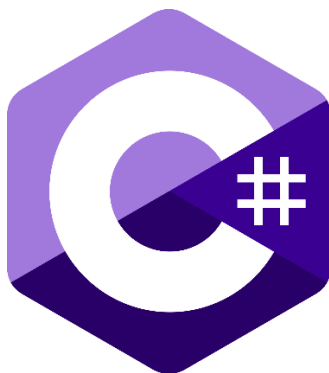
HTML/CSS/JavaScript



ASP.net 4.8



C#



SQL



Team Management:

GitHub



Users/User Needs

User Personas:

Dave – The New User

- Wants to sign up for an account.
- Looking for friends and family.
- Not skilled with the internet.
- Hates advertisements on websites.

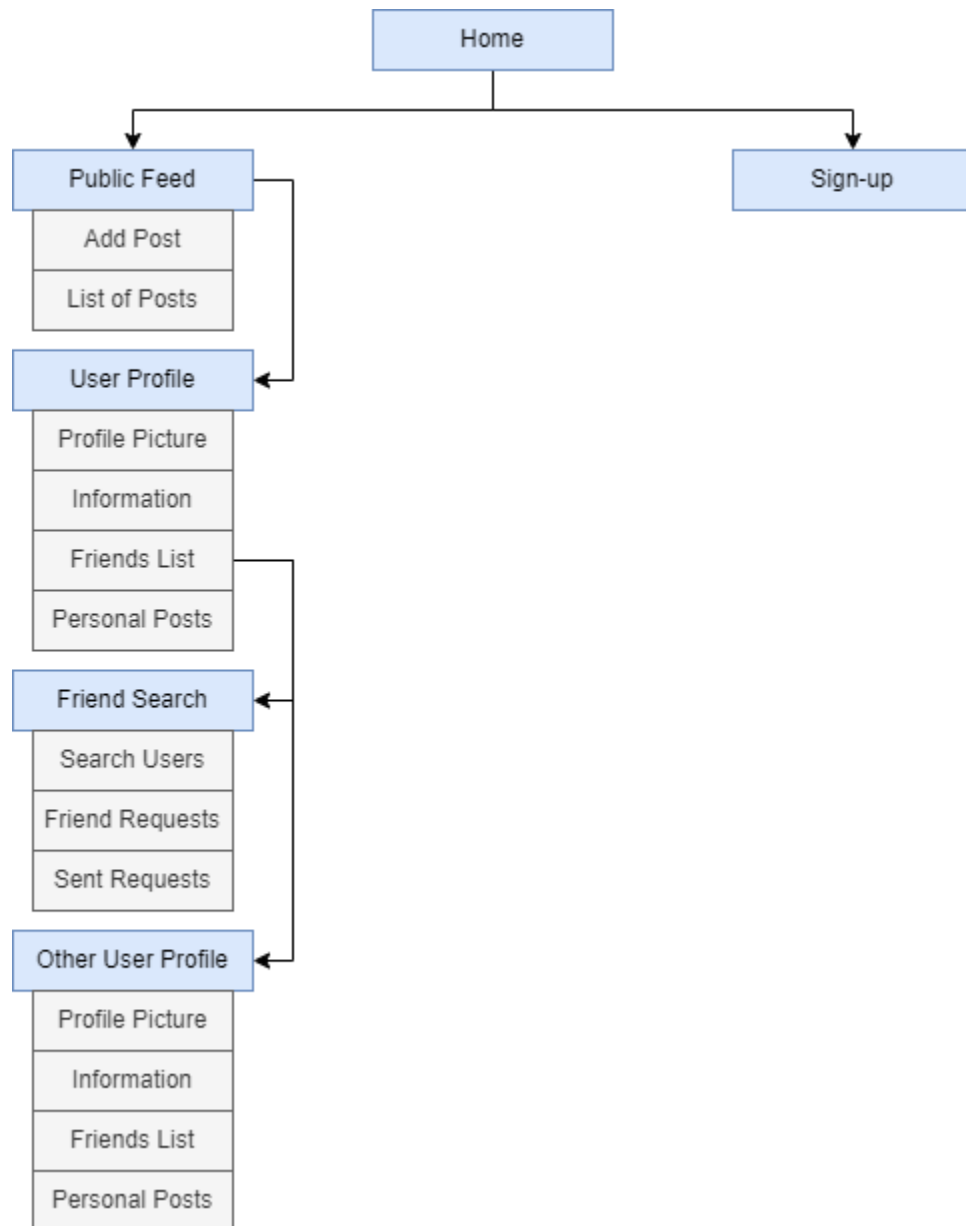
Jess – The Casual User

- Wants to customize her profile to promote her hobbies.
- Wants to post her art to other users.
- Wants to network by friending other users.
- Doesn't like computers and prefers mobile.

John – The Experienced User

- Uses the website every day.
- Wants to explore every page.
- Frequently uses the internet.
- Makes multiple posts a day.
- Likes quick and snappy movements between pages.

Structure



Scope/Skeleton

Opening Page:

BasicTies

Embrace Simplicity: A Social Platform Free from Ads and Privacy Intrusion

Already a member?

Email

Password

[Login](#)

Not a member?

[Sign up now](#)

© 2023 - Dan & Keegan

Functionality:

- Email Input
- Password Input
- Submit Button -> to Main Feed
- Link text -> to Sign-up Page

Sign-up Page:

The screenshot shows a web form titled "Join Today" on a page with a header. The header contains the "BasicTies" logo, a search bar with a magnifying glass icon, and a menu icon (three horizontal lines). The form itself has a light gray background and contains the following fields: "Email", "Password", "First Name", "Last Name", and "Birthday" (with a date picker icon). A blue "Submit" button is located below the form fields. At the bottom of the form area, there is a copyright notice: "© 2023 - Dan & Keegan".

BasicTies

Join Today

Email

Password

First Name

Last Name

Birthday mm/dd/yyyy

Submit

© 2023 - Dan & Keegan

Functionality:

- Email Input
- Password Input
- Re-type Password Input
- First Name Input
- Last Name Input
- Birthday Input
- Submit Button -> to Profile Page

Header:

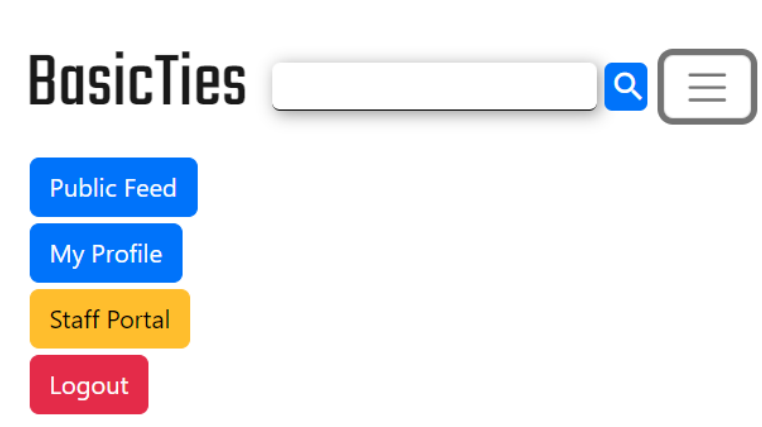


Functionality:

- Logo -> Click to go to Main Feed

- Search Bar Input
- Search Button -> to Search Users Page (Uses the input from the search bar to narrow the search when taken to the Search Users Page)
- More Options Button on far right (Opens more options for the header when clicked)

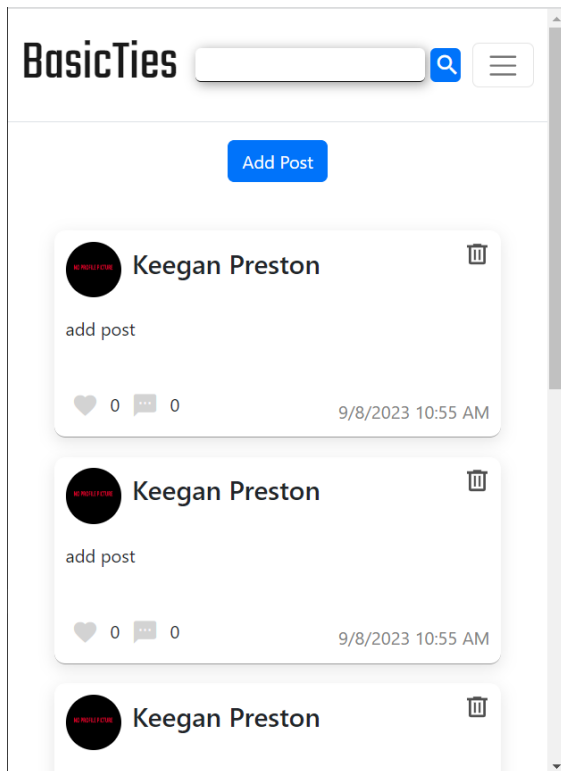
Header (More Options Button is clicked):



Functionality:

- All previous header functionality
- Public Feed Button -> to Public Feed
- My Profile Button -> to Personal User Profile
- *Staff Portal Button -> to Staff Portal (Only appears if the user is an admin)
- Logout Button -> to Opening Page (Logs out user)

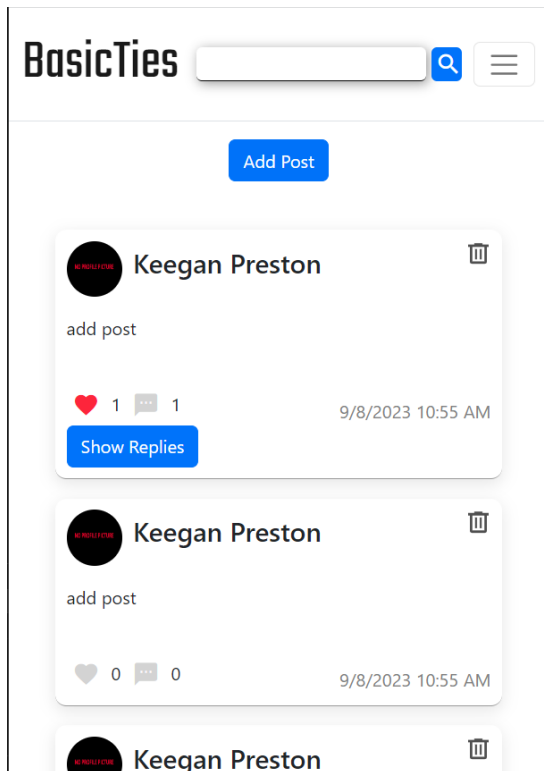
Main Feed:



Functionality:

- Add Post Button (Opens the Post Message Modal)
- Trash Icon (Deletes post it's attached to and only appears on the logged-in user's posts)
- Like Button (Turns the heart icon red on the user's side and updates the counter next to it)
- Comment Button (Opens the Post Message Modal)

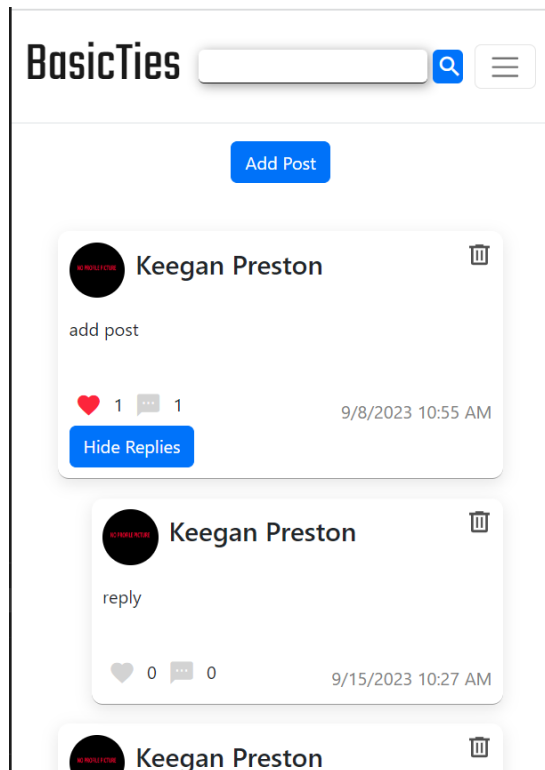
Main Feed (User has liked a post and there are replies under a post):



Functionality:

- Show Replies Button (Opens the replies under a post and only appears on posts that have replies)

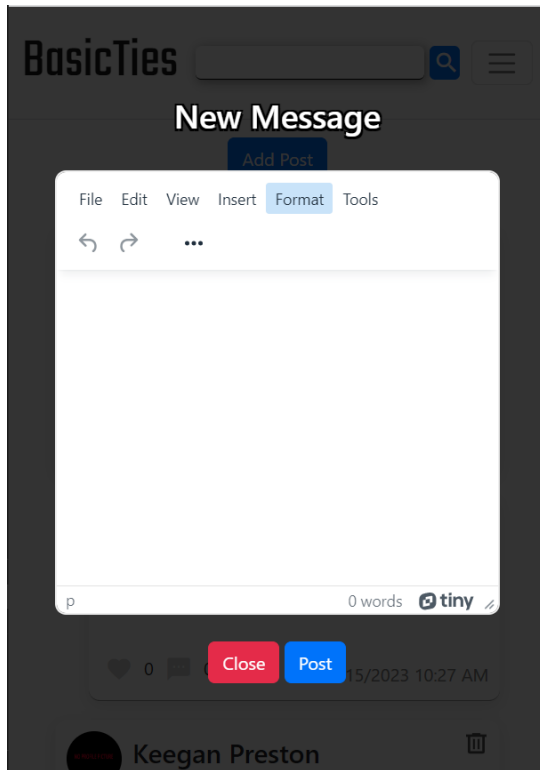
Main Header (Replies Opened):



Functionality:

- Hide Replies Button (Hide the replies under the post and only appears after clicking the Show Replies Button)
- Every reply has the same functionality of a regular post

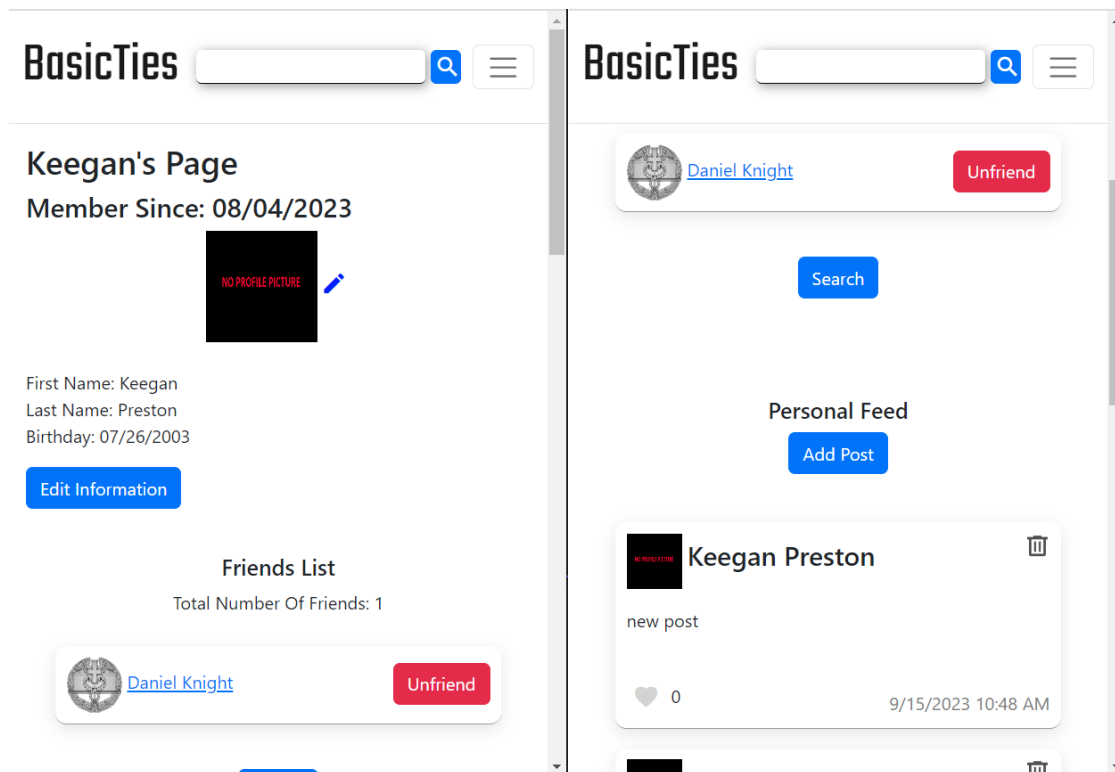
Post Message Modal:



Functionality:

- TinyMCE Edit Text Options (Built-in TinyMCE options like changing font color, text size, etc)
- Undo/Redo Buttons (Undo/Redo changes made in the text box)
- Message Text Input
- Close Button (Closes the Post Message Window)
- Post Button (If coming from the Main Feed or Profile Page Add Post Button: Posts the text to the Main Feed. If coming from the Main Feed Comment Button: Posts the text to the Main Feed as a reply.)

User Profile Page:



Functionality:

- Pencil Icon Button (Opens up the edit options for the profile picture on click)
- Edit Information Button (Opens up the edit options for the user's personal information on click)
- Friend's Username -> to that Friend's Profile Page
- Unfriend Button (Removes friend from friends list on click)
- Search Button -> to User Search Page
- Add Post Button (Opens the Post Message Modal)
- Trash Icon (Deletes post it's attached to)
- Like Button (Turns the heart icon red on the user's side and updates the counter next to it)

User Profile Page (Editing Profile Picture):

BasicTies

Keegan's Page

Member Since: 08/04/2023

Upload or Change Picture

No file chosen

First Name: Keegan
Last Name: Preston
Birthday: 07/26/2003

Friends List

Total Number Of Friends: 1

[Daniel Knight](#)

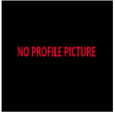
Functionality:

- Choose File Button (Opens up pictures on your computer for the user to pick one)
- Submit Button (Submits the changes the user made and takes the user out of edit mode)
- Cancel Button (Cancels any changes the user made and takes the user out of edit mode)

User Profile Page (Editing Personal Info)


BasicTies

Keegan's Page
Member Since: 08/04/2023



First Name:
Last Name:
Birthday:



Friends List
Total Number Of Friends: 1

 [Daniel Knight](#)

Functionality:


- First Name Input
- Last Name Input
- Birthday Input
- Submit Button (Submits the changes the user made and takes the user out of edit mode)
- Cancel Button (Cancels any changes the user made and takes the user out of edit mode)

Another User's Page:

BasicTies  


Daniel's Page

Member Since: 08/04/2023





Email: dan@email.com
First Name: Daniel
Last Name: Knight
Birthday: 12/24/1986

Profile Posts

**Daniel Knight**


Random post


User Search Page:


BasicTies  

Friend Search

Pending Invites **Invites Sent**

[Benjamin Franklin](#) **Add Friend**

[Staff Staff](#) **Add Friend**

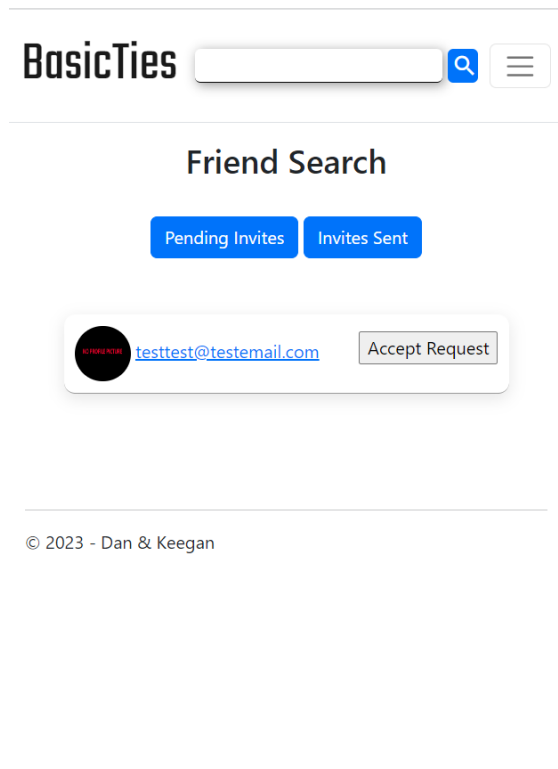
[Test Test](#) **Add Friend**

© 2023 - Dan & Keegan

Functionality:

- Pending Invites Button (Shows only the invites the logged-in user has been sent)
- Invites Sent (Shows only the invites the logged-in user has sent)
- Other User's Username (Goes to the clicked-on user's page when clicked)
- Add Friend Button (Sends that user a friend request and removes them from the main search list)

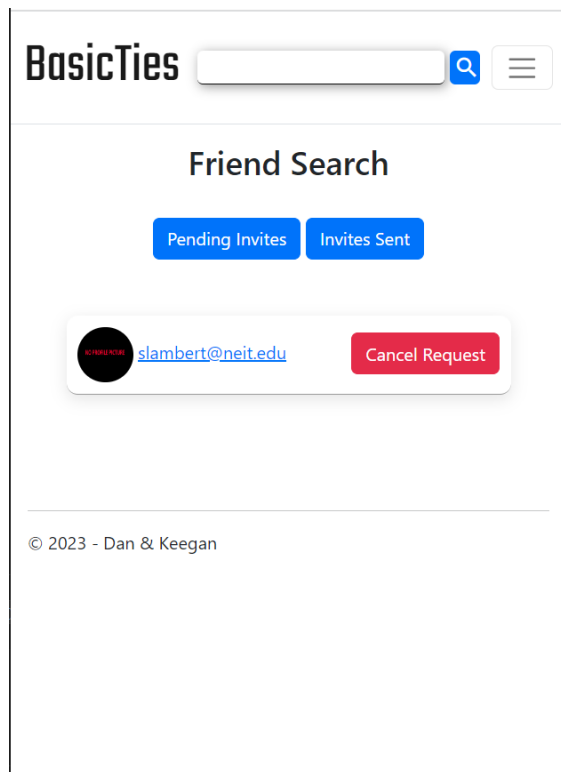
User Search Page (Pending Invites):



Functionality:

- Accept Request Button (Accepts the user as a friend and adds them to your friends list)

User Search Page (Invites Sent):



Functionality:

- Cancel Request Button (Cancels the friend request and puts the requested friend back on the main search list)



Admin Portal:

The screenshot shows the 'BasicTies' Admin Portal. At the top, there is a header with the 'BasicTies' logo, a search bar with a magnifying glass icon, and a menu icon (three horizontal lines). Below the header, the main section is titled 'Admin Portal'. It contains a 'Member Search' section with a text input field and a 'Search' button. Below this is a form for adding a new member, with fields for 'ID', 'Email', 'Password', 'First Name', 'Last Name', and 'Birthday' (which includes a date picker icon). At the bottom of the form are 'Add' and 'Cancel' buttons. A footer at the very bottom reads '© 2023 - Dan & Keegan'.

Functionality:

- Search Input
- Search Button (Pulls up list of users based on the search input)
- Email Input
- Password Input
- First Name Input
- Last Name Input
- Birthday Input
- Add Button (Adds the user to the database with the information in the inputs)
- Cancel Button (Clears the inputs)

Staff Portal (User List):

BasicTies  

Admin Portal

Member Search:

ID	First Name	Last Name	Email	
23	Daniel	Knight	dan@email.com	Edit Delete
37	Scott	Lambert	slambert@neit.edu	Edit Delete
39	Benjamin	Franklin	george@email.com	Edit Delete
41	Staff	Staff	staff@email.com	Edit Delete
42	Keegan	Preston	keeganprestonismynname@gmail.com	Edit Delete
45	Test	Test	test@email.com	Edit Delete
46	testing	testing	testtest@testemail.com	Edit Delete







Functionality:



- Edit Link (Fills in the inputs below with the selected user's information and changes the Add Button to an Edit Button)
- Delete Link (Deletes the selected user)

Fonts Used:

- Logo – Teko, 75px bold.
- Headings – Arial, 24px (h2) bold.
- Sub-Headings – Arial, 16px (h4) bold.
- Everything Else – Arial, 16px regular.

Colors Used:

- Submit/New Page Buttons: #0d6efd  , #0b5ed7 
- Error Text: #ff0000 
- Like Button: #f43333 
- Cancel Button: #dc3545  , #bb2d3b 

- Link Text: #0d6efd 
- Admin Portal Button: #ffc107 

Feedback

Presentation 1:

- Should bring you right to the feed after login.
- Add a re-enter password field when signing up.
- Combine search fields into one.

Presentation 2:

- Sign in from landing page.
- Ability to change password and email.
- Search bar up top for all pages.
- Clean up design of profile page.
- Add design for likes.
- Combine Pending/Sent Invites.

Scope (Previous)

Opening Page:

- Email Input
- Password Input
- Submit Button
- Link to Sign-up Page

Sign-Up Page:

- Email Input
- Password Input
- Re-type Password Input
- First Name Input
- Last Name Input
- Birthday Input
- Submit Button

Header (When Logged-In):

- Home Page Button (Logo)
- Public Feed Button
- Profile Page Button
- Logout Button

Main Feed:

- Add Post Button
- Like Button
- Delete Button (Only for your own posts)

Main Feed (Add Post Pop-Up Window):

- Text Options
- Undo Button
- Redo Button
- Text Input
- Cancel Button

- Post Button

Profile Page:

- Edit Profile Image Button
- Edit Information Button
- Clickable Link Friend Names
- Search Friends Button
- Add Post Button (Shares same pop-up window)
- Delete Post Button
- Logout Button

Profile Page (While Editing Picture)

- Choose Picture Button
- Submit Button
- Cancel Button

Profile Page (While Editing Information)

- First Name Input
- Last Name Input
- Birthday Input
- Submit Button
- Cancel Button

Another User's Profile Page:

- N/A

Friend Search Page:

- Name Input
- Search Button
- Pending Invites Button
- Invites Sent Button
- Add Friend Button

Friend Search Page (Pending Invites):

- Accept Request Button

Friend Search Page (Invites Sent):

- Cancel Request Button