

# COSC 360

## Blogster - Walkthrough Document



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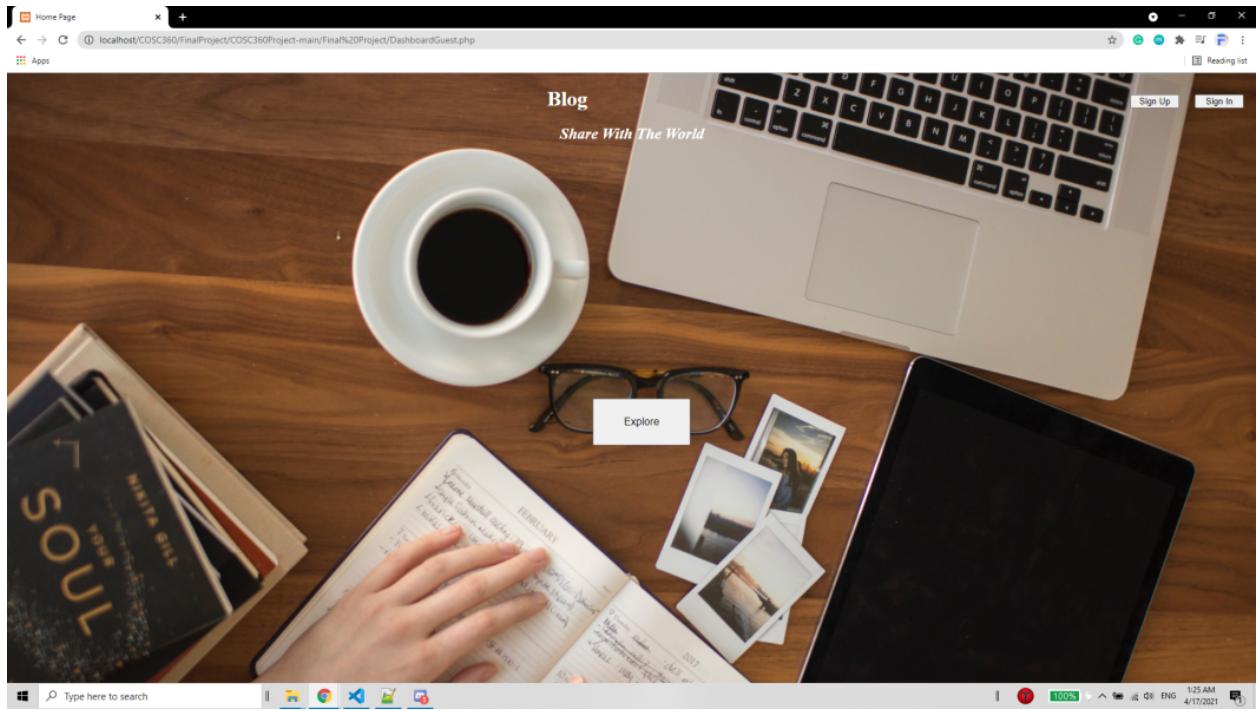
This document is a walkthrough of all the features that are important to the building of the website, you will be shown all the features of the website and the important things to note. Moreover, we will also be going through things like, how to replicate this project, what traversal on the website looks like, example posts and a few comments on each thing we implemented.

### Instructions -

Note: This project will not run unless you implement a database on your local machine and use the provided SQL to make the tables within the database.

1. The ZIP file provided with the document needs to be added to your xampp:/htdocs folder.
2. Apache and MySQL need to be turned on from the xampp control panel.
3. After extracting the ZIP file, you will need to open your PHPMyadmin and execute the SQL file provided.
4. The tables upon executing the SQL file should be created and displayed under the structure of the table.
5. When you are ready to run the website. Open the browser and open the url:  
<http://localhost/blogster/html/dashboard.php>
6. This URL will open up a homepage for the website which we decided to keep simplistic.
7. From hereon, we can use the nav links on the top right to go to various other pages.

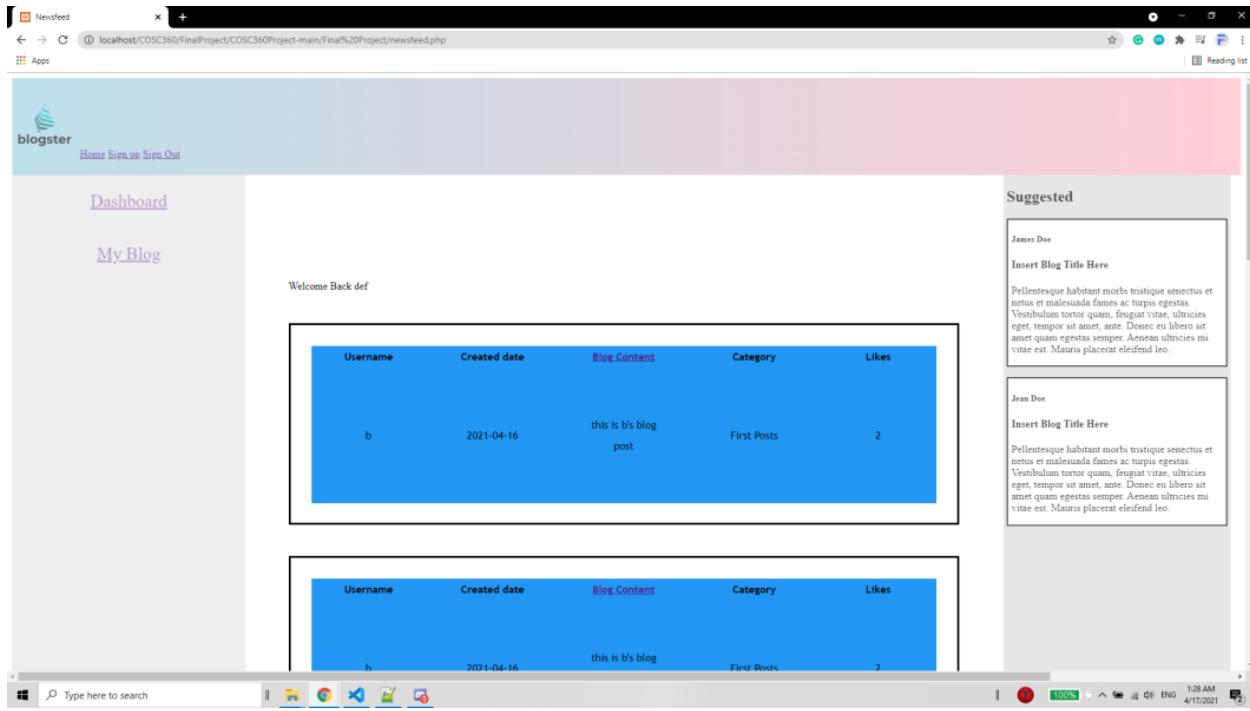
The Home page for reference is shown below:



*"Background image was a free-to-use image however, the author asked to credit the page: [www.quotecatalog.com](http://www.quotecatalog.com)"*

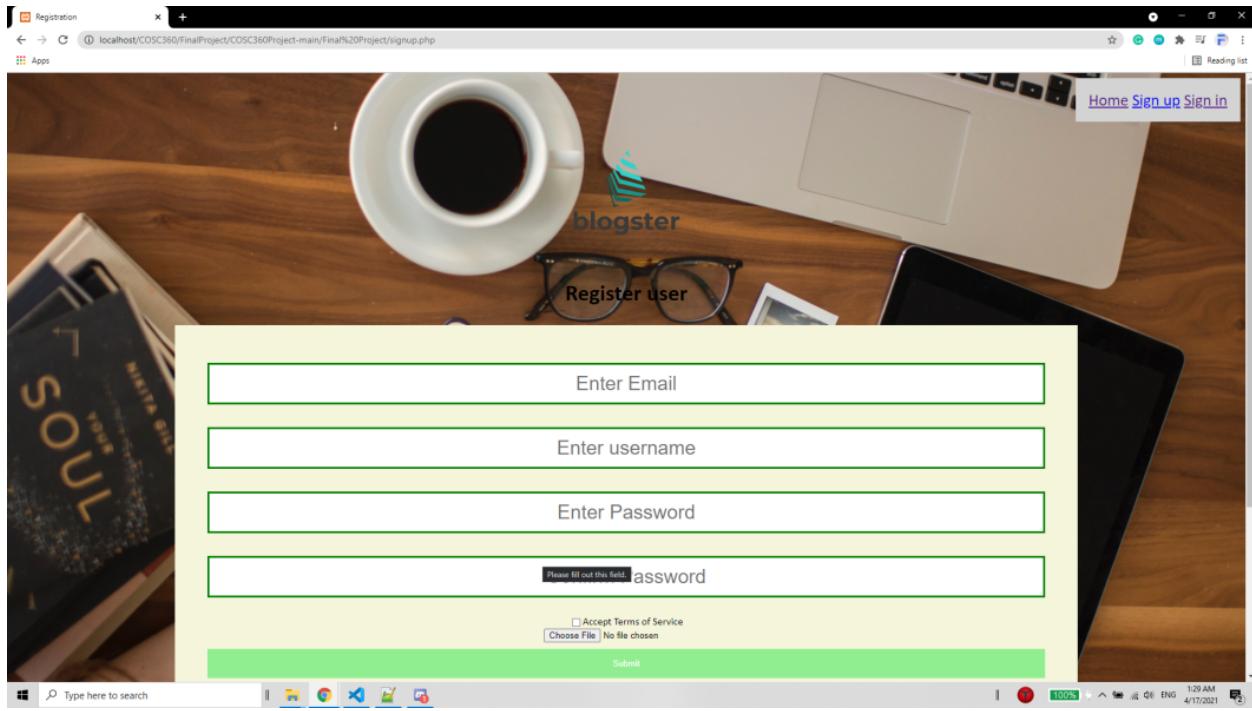
As you can see from the Homepage, it is a pretty simple post and does not have a lot of text to bore the user with. If you chose to view the blog posts as a guest, you could do so by clicking the “Explore” Button, or you could sign up/sign in.

The NewsFeed page is shown below:

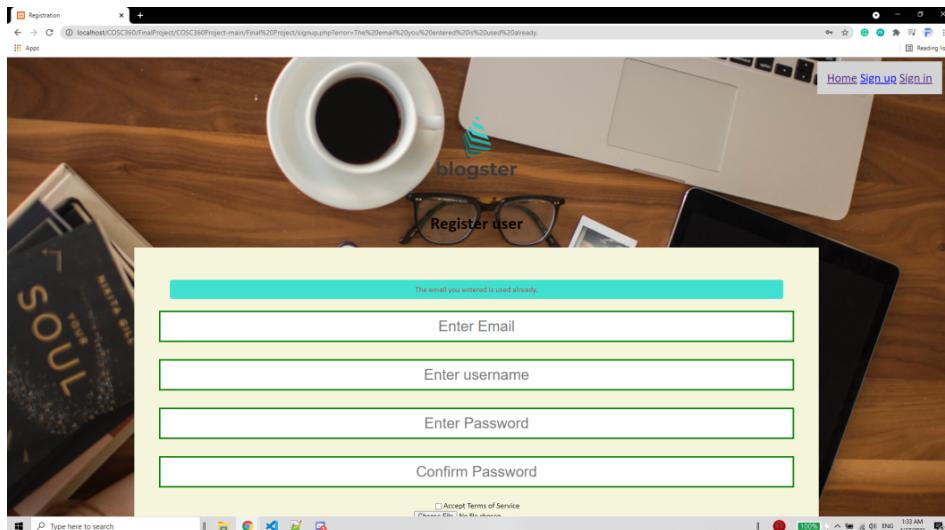


When the Explore button is clicked, it will redirect you to the “NewsFeed” as shown above. This news feed will show the various blog posts by users who use this platform. However, we chose to hide the comments from the user since we decided to protect their privacy and comments will be allowed for registered users only. On this page you will be able to see the posts and **You will be able to see Hot posts and posts ordered by likes.** Apart from that, there are also buttons that help you go to Sign up, or Sign in.

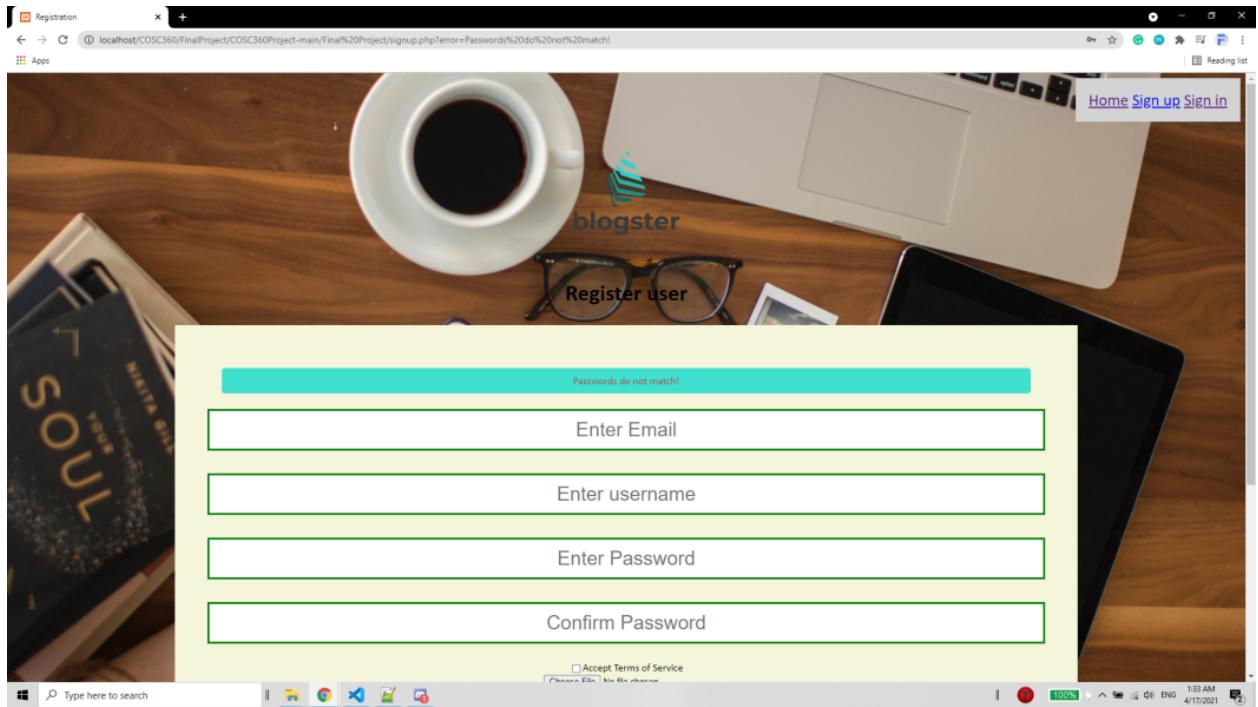
The Sign up page is shown below:



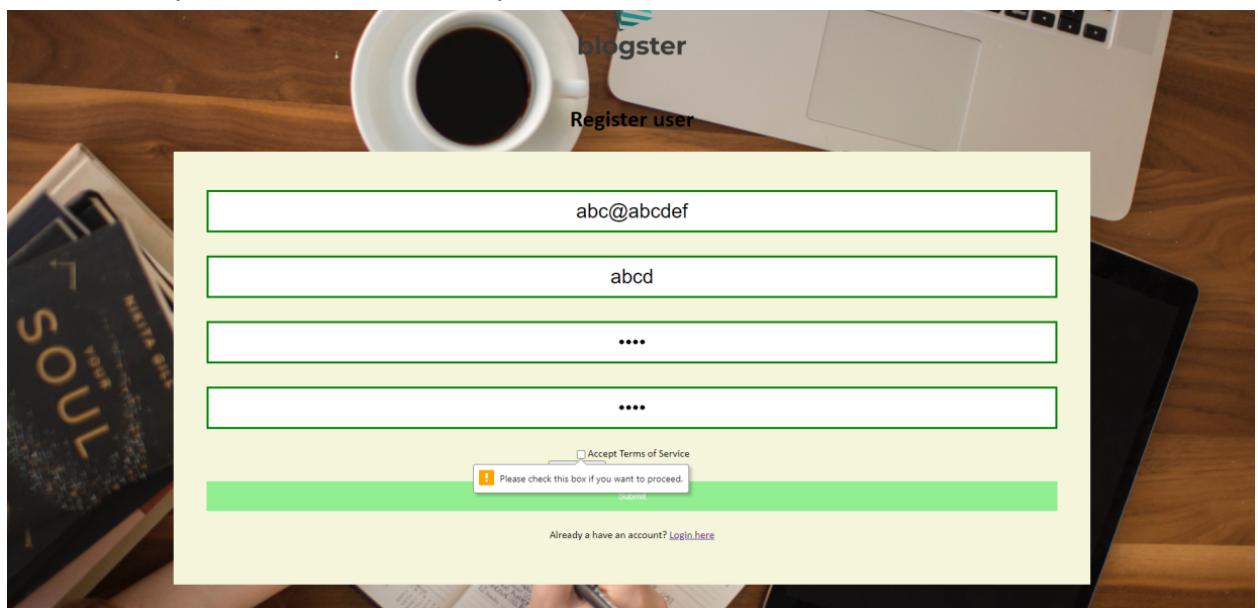
The sign up page as seen above is a simple form entry that allows you to make a new user and register yourself onto the website. This page lets you add an image to your profile too. Along with a username, email and password. Once the user enters the information, they can be registered onto the database. Errors of the following type could also occur and are handled.



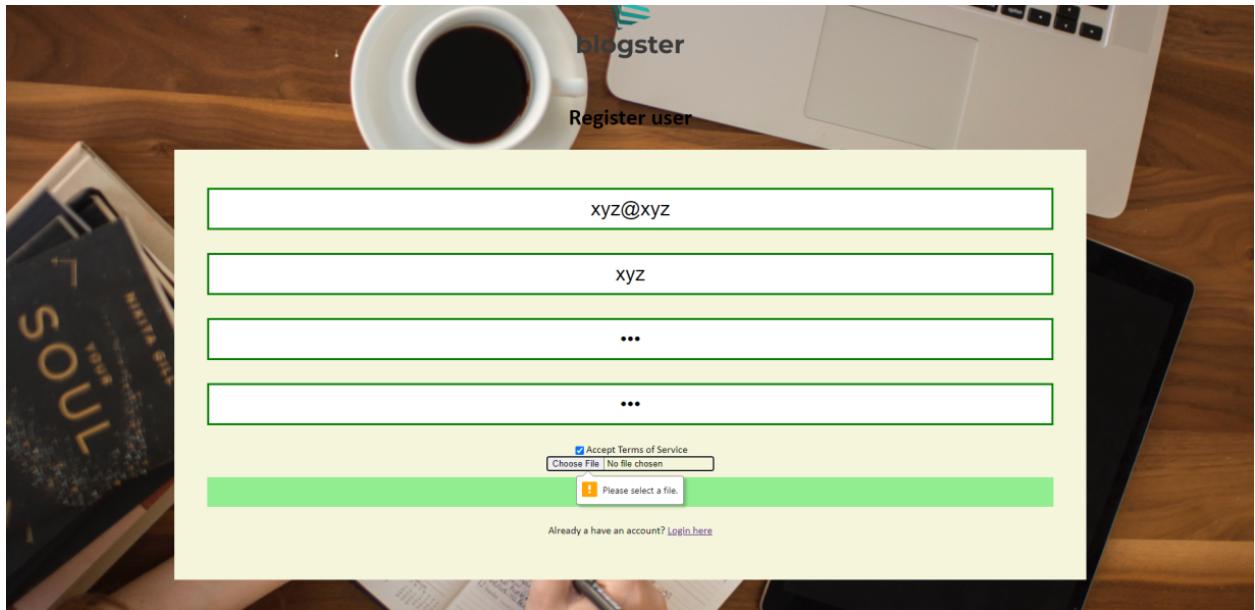
*Email already used by another user*



*When enter password and confirm password do not match*



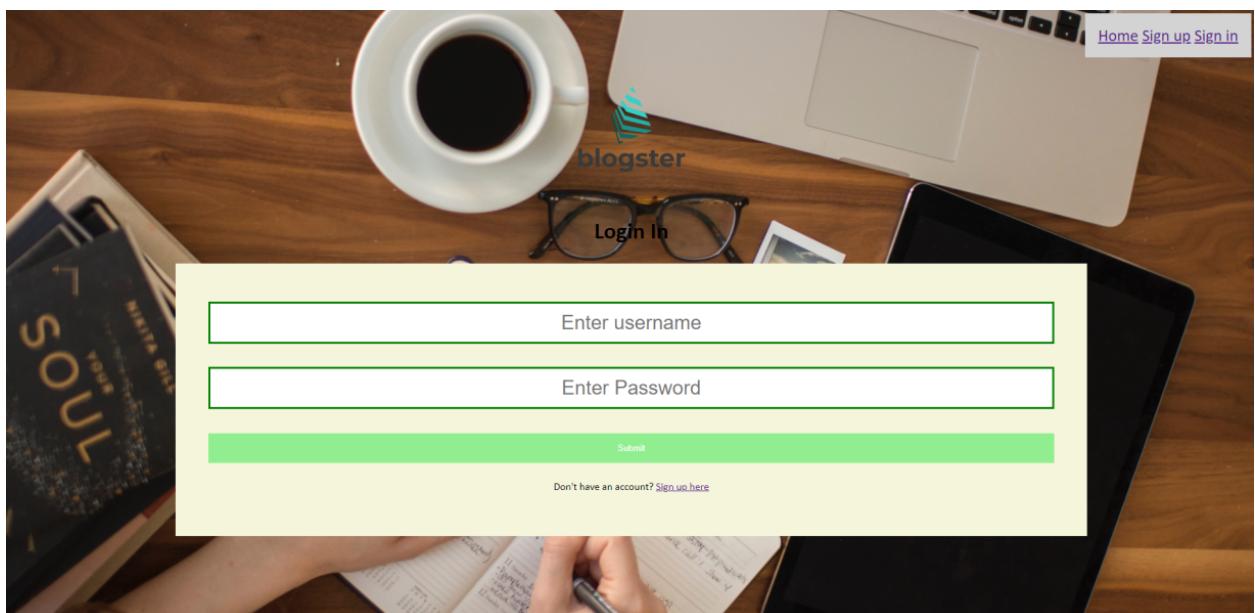
*When the user does not accept the terms and services, they cannot proceed with registration*



The image above shows what happens when the user does not choose a profile picture

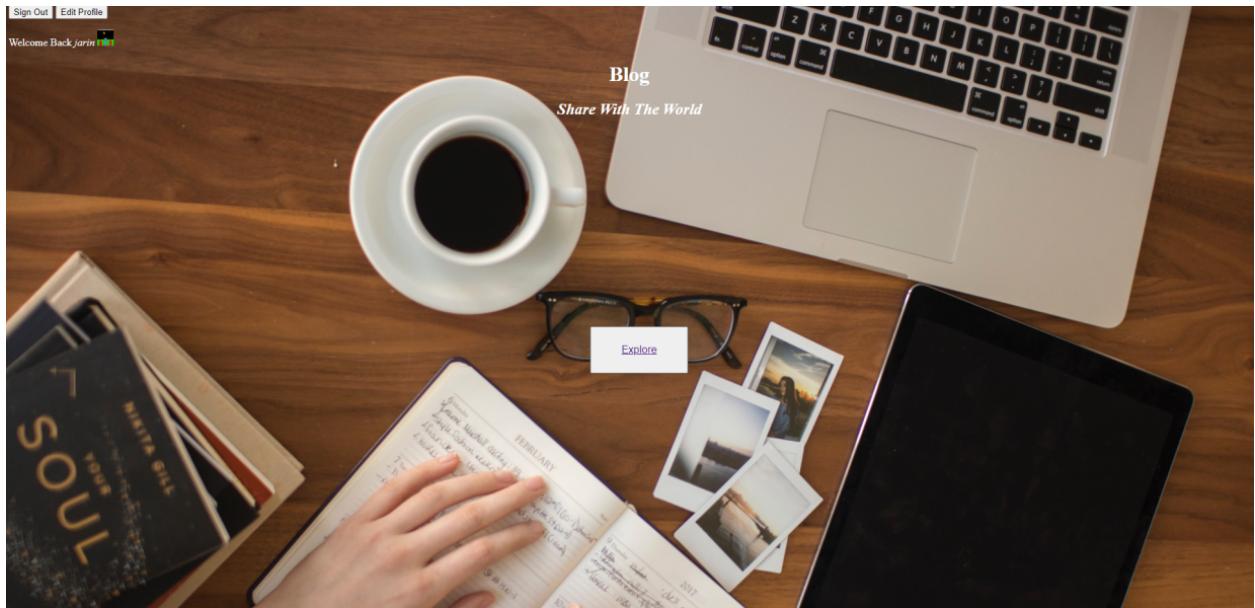
Now that the user has entered all of the information needed to register onto the website, they can finally login. This would be the page that would help the user login and make blog posts and comment. The errors for the page are also shown through screenshots.

**Sample Login Credentials: Username = “login” password = “password!”**



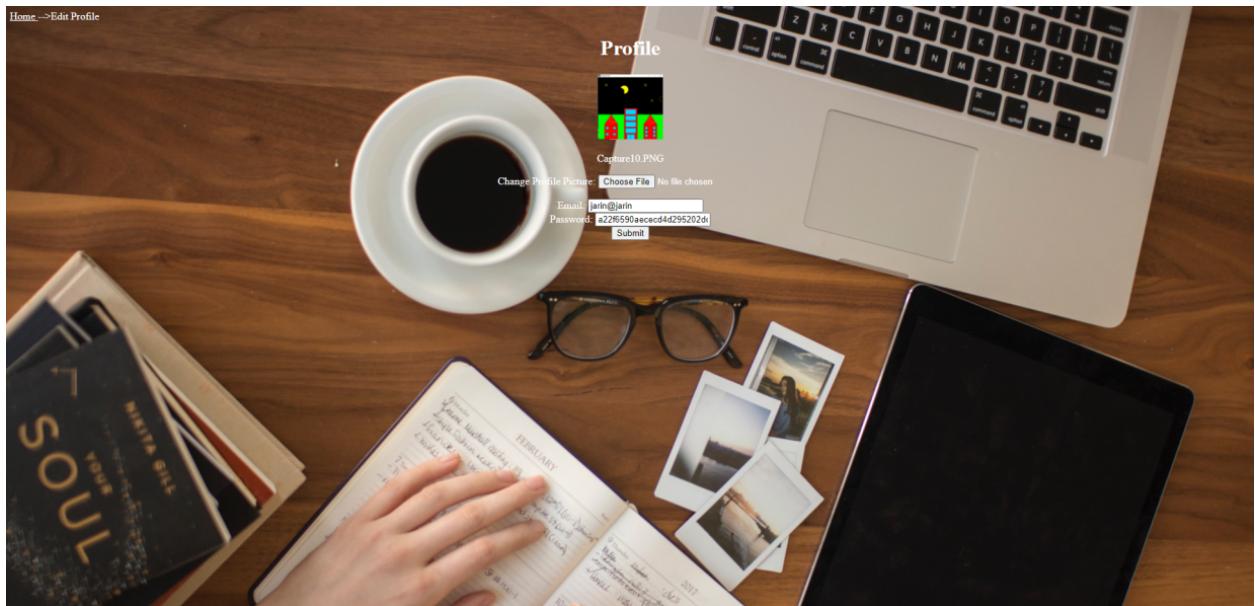
Picture above shows the login page

The page above shows you what the login looks like, once the user is able to successfully login, they will be redirected to the Dashboard page which is different from the original dashboard.



*User Dashboard. This allows users to edit their profiles, see others work, and sign out.*

The difference is, you are shown a welcome message with your username! You will also notice on the top left, the two buttons, Sign out and Edit Profile. These buttons as the name suggests help you sign out or edit your profile. Shown below is the Profile Page.



*Edit profile page, allows for change of password.*

The page above is the profile page, here you can see your details, your image, username, email and password.

This page also allows you to change your password, what is shown is the password for the page that we can see, which is the encrypted version, the user will be able to edit this field and change the password to what they like and the database will reflect the changes, similar to what changing the userImage would do. Once you are done with the viewing your profile, you can go back to the dashboard with the button as seen in the previous page. This would let you go to the dashboard, let's now to the newsfeed by clicking the explore button.

The screenshot shows the blogster news feed page. At the top, there is a navigation bar with the blogster logo, a search bar, and links for Home, Sign up, and Sign Out. Below the navigation bar, there are two main sections: 'Dashboard' and 'My Blog'. The 'My Blog' section displays a single blog post by the user 'b'. The post details are as follows:

Username	Created date	Blog Content	Category	Likes
b	2021-04-16	this is b's blog post	First Posts	2

Below this, there is another section titled 'this is b's blog'.

To the right of the main content, there is a sidebar titled 'Suggested' which lists two other users:

- James Doe**: Insert Blog Title Here  
Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Vestibulum tortor quam, feugiat vitae, ultricies eget, tempor sit amet, ante. Donec eu libero sit amet quam egestas semper. Aenean ultricies mi vitae est. Mauris placerat eleifend leo.
- Jean Doe**: Insert Blog Title Here  
Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Vestibulum tortor quam, feugiat vitae, ultricies eget, tempor sit amet, ante. Donec eu libero sit amet quam egestas semper. Aenean ultricies mi vitae est. Mauris placerat eleifend leo.

*News Feed page, for accessing the users blog posts.*

From the image above, you can see that the user is logged in, therefore the icons on the top right in the nav bar, changed to sign out instead of sign in. The user will still be able to see the various posts by other users, but now, they will also have the ability to click on the “Blog content” text and go to the comments section. In addition, the user will also be able to see the posts that they have made, by clicking on the User Blog page on the left panel.

The screenshot shows a user profile page for 'jarin'. At the top, there is a navigation bar with links for Home, Sign up, and Sign Out. Below the navigation bar is a search bar with a placeholder 'Search...' and a 'search' button. The main content area has a blue header with fields for 'Post' and 'Category' and a 'Submit' button. A welcome message 'Welcome Back jarin' is displayed. Below this is a table with columns: Username, Created date, Blog Content, Category, and Likes. The table contains one row for 'jarin' with the following data: Username 'jarin', Created date '2021-04-17', Blog Content 'this is jarin's first post', Category 'First Posts', and Likes '3'. There is also a small circular icon with a yellow dot next to the table.

Username	Created date	Blog Content	Category	Likes
jarin	2021-04-17	this is jarin's first post	First Posts	3

*The blog posts of the user “jarin”*

The screenshot shows a user profile page for 'b'. The layout is identical to the previous one, with a navigation bar, search bar, and a blue header for posting. The welcome message 'Welcome Back b' is shown. The main content table has one row for 'b' with the following data: Username 'b', Created date '2021-04-16', Blog Content 'this is b's blog post', Category 'First Posts', and Likes '2'. Below this table is another table with a green header containing 'Username' and 'Blog Content', and a blue body containing the text 'a' and 'asfasfa'.

Username	Blog Content
b	this is b's blog post

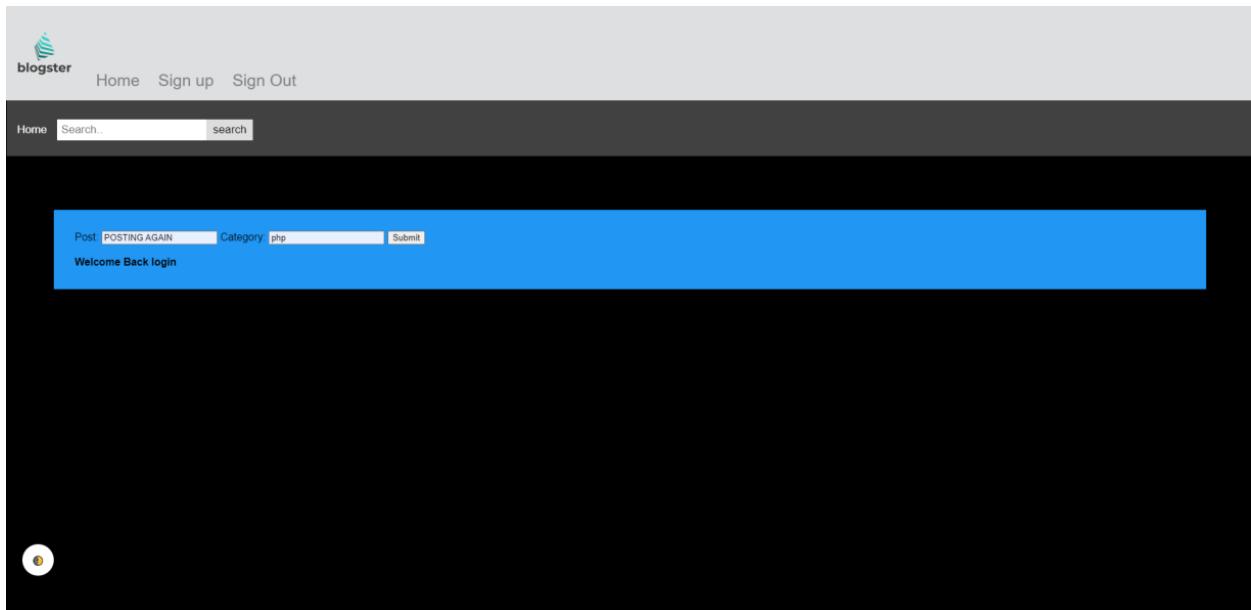
Username	Blog Content
a	asfasfa

*The comments for the post by user “b”*

The user blog page lets you see all the posts that you have made as a logged in user. The two text-boxes allow you to post a blog content, with a category as well. This would then add the post that you created to the bottom of the page where you can see all your posts. Also, if you click on the “blog content” text, you will be able to see the comments on the page. The like button as seen on the screen allows you to like a post, this like count is then stored onto the database and increments on each click, The more you click like, the higher your post goes on the news feed!! You will also be able to as usual

log out from the page, by clicking the button “sign out”. This would get you back to the dashboard where we started!

## Additional Functionality - Dark Mode



*The dark mode with the button on the bottom left to toggle.*

The dark mode was added for ease of access for people to use our website during the night time.

## Admin Page -

**The following page is only allowed for admins to access. The Page can be accessed only if the **username = admin123 and password = admin123!****

**This username and password will be provided to the admins and therefore users will not be able to access this page at all.**

1. Enter the URL: <http://localhost/blogster/adminlogin.html>
2. Enter the username and password mentioned above.
3. The admin page can be seen below as a screenshot.

The screenshot shows a web application interface. At the top right, there is a navigation bar with links for "Home", "Sign Up", and "Sign In". On the left side, there is a vertical sidebar with a search bar at the top and five menu items: "Home", "Dashboard", "My Blog", "News Feed", and "Settings". The main content area displays a table with four columns: "User Name", "User Email", "Content", and "Comment". There are three rows of data in the table:

User Name	User Email	Content	Comment
John Doe	example@email.com	BLOG TITLE XXX	GREAT
Jane Doe	example@email.com	BLOG TITLE XXX	aMZING
Jack Doe	example@email.com	BLOG TITLE XXX	DARK MODEEEEE

### *Ideal finished admin page.*

Admin page consistent of list of all user and search bar function by default, when value is added and executed in the search bar content changes based on the key value.

The admin page would enable the admin to search for users and delete blogs. The buttons on the page, namely “Sign out” “Manage users” “Search users” show the various features that the admin can perform.

The plan is to by using the search bar located in the top right corner, users with admin login will be able to search username, user email, post content. By default all user and post is displayed on the screen before the search function is executed. When a key word is entered on the search bar the content on the screen changes to results from the search. Unfortunately this function was not successfully implemented. Partially implemented code is included with the submission. .

GitHub Repository: <https://github.com/felipechalhub/COSC360Project.git>