FLASK-MAD1 Project

Created by- Ameya Raj

Roll- 21f1003202

Project-Blog

Signup -

- Using email, username, password and confirm password
- Stored in the database.
- The passwords are encrypted using sha256 encryption

Login-

- The Blog has Login system using email address and Password.

Home-

- Navbar has links to Home, Dashboard, Logout, Search.
- User is Directed to Dashboard on Logging In
- Home page contains posts posted by all the users.
- Create post button to create the post

Posts-

- Each post in a container box have:
- Username – Link to the posts only posted by the user
- Like- Like the Post
- Follow- Follow the User
- Comment-Comment on the Post
- Date created-timestamp of the posts
- Edit-To Update the post

Dashboard-

- Dashboard contains the Following:
- Username

- Email
- User ID
- Date Joined
- Total Number of Posts by the User
- Number of Posts Liked by the User
- Number of Following
- Number of Followers
- Followers Username: Link to the posts of the followers
- Followed Username: Link to the posts of the followed users
- Update Button to Update Username, Email

Abilities-

- Only the logged in user can view the posts.
- The owner of the post only can delete and edit the post.
- The Logged in User can Update their Username, Email.
- Users can comment on the Posts, Like Posts.
- They can also Follow Other Users.

Username-

- It is a link which routes to page having only the posts created by that person

Comments-

- User can comment on him/herself posts and other posts also.
- Each comment has the date created along with username.
- Only the person who has commented can delete the comment.

Likes and Follows-

- One can Like posts of themselves and others.
- User can Follow Other Users.

Search:

- User can search other users using username or post texts

Checks:

- Email format checking.
- If input email is correct or not.
- If password matches or not.
- If fields are empty displaying proper messages.
- While deleting a post checking if he/she is the owner of the post.
- While Deleting comment checking if he/she is the owner of the comment.
- Checking while Editing the Post.

Custom Error Pages:

- 404 page- User not found page while searching a User.
- 500 page-Internal Server Error page for garbage links.