

Features to Test:

1. Registration

- a. Mandatory fields for input: Username (must be unique), Password
- b. Usernames cannot repeat, a taken username should output some kind of error message along with a reloaded register page
- c. If the user cannot register for some reason, error message is displayed
- d. If the user has registered successfully, the user will be directed back to the login page where they can sign into their account

2. Login

- a. Mandatory fields for input: Username (must be unique), Password
- b. If a username is not in the database, the user is redirected to register where they will sign up for an account
- c. If the password is incorrect, an error message is displayed and the page is reloaded with blank fields
- d. If the user has successfully logged in, the user is directed to the main chatting page (The Square)

3. Live-chat

- a. Makes sure the user can type something in the given text box
- b. Message displays properly along with their username
- c. Other users should also be able to see the message
- d. The user should be able to see other users' messages
- e. The user should be able to switch between different chats
 - i. Each chat has its own chat log/history
 - ii. A message in one chat should not appear in a different chat

4. Logout

- a. Allows the user to logout with designated buttons
- b. The user should be taken back to the login page with a message that they have been successfully logged out
- c. If there is an error where the user cannot be logged out, they are redirected back to the previous page with an error message

5. Perks/Points

- a. Every message should earn the user _ points where the total can be seen on the profile page
- b. Perks can be viewed underneath their information on the profile page
- c. User should be able to purchase perks
 - i. Given they have enough points
 - ii. If the user does not have enough points, the purchase button should be disabled
- d. If the user purchases a perk...

- i. the purchase amount should be subtracted from their total points displayed
- ii. Their perk should be effective in all chats