Team 112 - CTRL-ALT-DELETE
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Project Milestone 5

Project Name: Pulse

1) Search Bar (Feature 1)
   a) Test Case 1 - If a user is not logged in, the home screen does not show the search bar.
      i) Instructions
         (1) Clear all cookie and session data from the web browser
         (2) Visit https://csci-3308-pulse.herokuapp.com
      ii) Expected Results
         (1) The user is not logged in
         (2) The search bar is not visible on the home screen
         (3) Links are displayed to either log in or sign up
      iii) Associated Data
         (1) No data in the database will be impacted by this test
   b) Test Case 2 - If a user is logged in, the home screen shows the search bar
      i) Instructions
         (1) Clear all cookie and session data from the web browser
         (2) Visit https://csci-3308-pulse.herokuapp.com
         (3) If one has already created an account, use the sidebar navigation to login. If one has not already created an account, use the sidebar navigation to sign up and login with the newly created account.
      ii) Expected Results
         (1) The user is logged in
         (2) The search bar is visible on the home screen
      iii) Associated Data
         (1) When the user performs a login, the given username and password will be tested against the user data within the database to validate the login
         (2) When the user creates a new account, the given user data is stored in our database so it may be tested against at a later point in time for login
2) Searching (Feature 2)
   a) Test Case 1 - If a user is logged in and presses the visible 'search' button after entering a search query, relevant results are displayed on the page.
      i) Instructions

(1) Clear all cookie and session data from the web browser
(2) Visit https://csci-3308-pulse.herokuapp.com
(3) If one has already created an account, use the sidebar navigation to login. If one has not already created an account, use the sidebar navigation to sign up and login with the newly created account.
(4) Type in a search query into the visible search bar that one *knows* should return results when that same search query is used to search Twitter, Reddit and YouTube.
(5) Press the search button

ii) Expected Results
(1) The user is logged in
(2) Relevant search results from Twitter, Reddit and Youtube regarding the inputted query are displayed on the resulting page

iii) Associated Data
(1) When a user submits a new search query, the search query is stored in our database and associated with the user, allowing the user to have a 'search history'.
(2) When the user performs a login, the given username and password will be tested against the user data within the database to validate the login
(3) When the user creates a new account, the given user data is stored in our database so it may be tested against at a later point in time for login

b) Test Case 2 - If a user is logged in and presses the visible 'search' button without entering a search query (i.e. the text in the search bar is of length 0), then nothing happens

i) Instructions
(1) Clear all cookie and session data from the web browser
(2) Visit https://csci-3308-pulse.herokuapp.com
(3) If one has already created an account, use the sidebar navigation to login. If one has not already created an account, use the sidebar navigation to sign up and login with the newly created account.
(4) Press the search button

ii) Expected Results
(1) The user is logged in
(2) The search bar and search button remain visible
(3) No new page has been loaded by the user's web browser

iii) Associated Data
(1) When the user performs a login, the given username and password will be tested against the user data within the database to validate the login

           (2) When the user creates a new account, the given user data is stored in our database so it may be tested against at a later point in time for login

           (3) Pressing the search button with no text in the search bar will not submit the empty query to the database

3) "Our Team" Page (Feature 3)

   a) Test Case 1 - If a user is not logged in and visits https://csci-3308-pulse.herokuapp.com/team/, information regarding the team and pictures of the team members should be displayed

      i) Instructions

         (1) Clear all cookie and session data from the web browser

         (2) Visit https://csci-3308-pulse.herokuapp.com/team/

      ii) Expected Results

         (1) The user is not logged in

         (2) Pictures of all four team members are displayed

         (3) Underneath each picture of each team member is a short description regarding the background of said team member

      iii) Associated Data

         (1) The pictures are considered static files and are served by the web server- no database interaction is required to view this page.