Title: Sign Up

Actors: Unauthorized User

Requirements: The Unauthorized User has an email address, google, or Facebook account, and is not already registered with CSwap

Main Scenario:

1: The unauthorized user clicks the “sign up” button

2: The user is directed to a sign-up page

3: The unauthorized user enters their email and password and clicks “sign up”

4a: The system accordingly displays “Sign up successful” and send the user back to the sign in page

4a1: The system displays “Error email already in user”

4a2: The system displays “Passwords should be at least 16 characters”

Test Situation:

1: The system displays “Error email already in user”

2: The system displays “Passwords should be at least 16 characters”

3: The system accordingly displays “Sign up successful” and send the user back to the sign in page

Test coverage:

Base: 3

Test situations cover all 3 cases

100% test coverage

Title: Sign in with Google

Actors: Unauthorized User

Requirements: The user already created an account with google and the login page is displayed

Main Scenario:

1: The unauthorized user clicks the reCAPTCHA button

2a: The system displays the reCAPTCHA is verified

2a1: The system displays the reCAPTCHA is failed and must be attempted again

3: The unauthorized user clicks the “login with google” button

4: The system displays the sign in with Google popup

5: The user Clicks on the Google account of their choosing

6a: The unauthorized user enters their google account information correctly and closes the popup

6a1: The user inputs the user information incorrectly and closes the popup

7a: The system directs the user to the home page

7a1: The system directs the user to the login page

Test Situation:

1: The user fails the reCAPTCHA and remains at the sign in page

2: The user enters their google account information incorrectly and is sent back to the sign in page

3: The user signs in and is directed to the hom page.

Test coverage:

Base: 3

Test situation covers all 3 cases

100% test coverage

Title: Create Listing

Actor: Authorized User

Requirements: Authorized user has logged in

Main Scenario:

1: The user clicks on the “create listing” button

2: The system displays a listing item form

3a: The user enters the price and a description of the item

3a1: The user doesn’t enter a price or description

4a: The system closes the listing form

4a1: The system throws an error that no price or description has been entered and redirects the user to the previous page

5a: The user added related tags basted on the item’s category and qualities

5a1: The user does not add any tags to the listing

6a: The user posts the listing as is

6a1: The user adds a picture under “upload image”

6a2: The user uploads an incorrect format under “upload image”

7a: The system posts the listing with the image

7a1: The system posts the listing without any image

7a2 The system directs the user back to the “upload image” selection because the format was incorrect.

Test Situation:

1: The user does not enter a description and/or price and the listing form is closed.

2: The system posts a listing without a tag or an image

3: The system posts a listing with a tag but no image

4: The system posts a listing with no image but a tag

5: The system posts a listing with a tag and an image

6: The system directs the user back to “upload image” because the image selected was in the incorrect format

Test coverage:

Base 6

Test situations cover all 6 cases

100% test coverage

Title: Remove own account

Actor: Authorized user

Requirements: the user is logged in and is in the profile section with the account displayed

Main Scenario:

1: The user clicks on the “remove account” button

2: The system displays on a popup, “are you sure you want to remove this account”

3a: The authorized user clicks “yes”

3a1: The authorized user clicks “no”

4a: The system removes the authorized user’s account and sends the user to the login page

4a1: The system returns the user to the profile page

Testing situation:

1: The user removes their own account and is at the login page

2: The user does not remove their own account because they select “no”

Test coverage:

Base 2

Tests cover all 2 cases

100% test converge

Title: Login

Actor: Unauthorized User

Requirements: The unauthorized user has previously created an account is the login page is displayed

Main Scenario:

1: The unauthorized user clicks the reCAPTCHA button

2a: The reCAPTCHA Is verified

2a1: The reCAPTCHA Is failed

3a: The unauthorized user enters correct credentials

3a1: The unauthorized user enters invalid credentials

4a: The system verifies emails and password could be valid

4b: The system verifies emails and password are invalid

5: The unauthorized user clicks login

6a: The system redirects the user to the home page

6a1: The system displays “Invalid Credentials”

Test situation:

1: The unauthorized user fails the reCAPTCHA

2: The user fails the username/ password check

3: The user logs in

Test Coverage:

Base: 3

The tests cover all 3 cases

100% test coverage