

CS 40800: Phase 2 Test Plan

Project Title: Trader Pete from Team 4

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User Story 1: As a user, I would like to sign-up, login, and logout.

Test Case 1.1: Create account with valid inputs

Instructions:

1. Create an account with following info:
Username: ryanc
Email: chung163@purdue.edu
Password: 123Qwe
Confirm Password: 123Qwe
2. Click 'Sign Up' button.

Expected results:

- An user account is created with the following info:
Username: ryanc
Email: chung163@purdue.edu
Password: 123Qwe
Confirm Password: 123Qwe

Severity: 1

Test Case 1.2: Create account with duplicate email

Instructions:

1. Create an account with following info:
Username: ryanchung
Email: chung163@purdue.edu
Password: 123Qwe
Confirm Password: 123Qwe
2. Click 'Sign Up' button.

Expected results:

- Display error message

Severity: 2

Test Case 1.3: Create account with email not @purdue.edu

Instructions:

1. Create an account with following info:

Username: ryanchung
Email: chung163@purdue.net
Password: 1234qwQWE
Confirm Password: 123qwQWE

2. Click 'Sign Up' button.

Expected results:

- Display error message

Severity: 2

Test Case 1.4: Create account with invalid password without uppercase letter

Instructions:

1. Create an account with following info:

Username: ryanchung
Email: chung163@purdue.edu
Password: 123qwe
Confirm Password: 123qwe

2. Click 'Sign Up' button.

Expected results:

- Display error message

Severity: 2

Test Case 1.5: Create account with invalid password without number

Instructions:

1. Create an account with following info:

Username: ryanchung
Email: chung163@purdue.edu
Password: qWEqwewe
Confirm Password: qWEqwewe

2. Click 'Sign Up' button.

Expected results:

- Display error message

Severity: 2

Test Case 1.6: Create account with duplicate username

Instructions:

1. Assuming database already have an account with username "ryanc"
2. Create an account with following info:

Username: ryanc
Email: chung160@purdue.edu

Password: 123Qwe

Confirm Password: 123Qwe

3. Click 'Sign Up' button.

Expected results:

- Display error message

Severity: 2

Test Case 1.7: Create account with password less than 8 characters

Instructions:

1. Create an account with following info:

Username: ryanchung

Email: chung163@purdue.edu

Password: 123Qwe

Confirm Password: 123Qwe

2. Click 'Sign Up' button.

Expected results:

- Display error message

Severity: 2

Test Case 1.8: Create account with password more than 256 characters

Instructions:

1. Create an account with following info:

Username: ryanchung

Email: chung163@purdue.edu

Password: (too long to put in the doc)

Confirm Password: (too long to put in the doc)

2. Click 'Sign Up' button.

Expected results:

- Display error message

Severity: 2

Test Case 1.9: Create account with invalid password that has no lowercase letter

Instructions:

1. Create an account with following info:

Username: ryanchung

Email: chung163@purdue.edu

Password: QWE123QQ

Confirm Password: QWE123QQ

2. Click 'Sign Up' button.

Expected results:

- Display error message

Severity: 2

Test Case 1.9.2: Login with valid username and password

Instructions:

1. Assume there's a valid account in the system as shown in test case 1.1
2. Type in following info:
Username: ryanc
Password: 123Qwe
3. Click 'Login' button

Expected results:

- Navigate to home page

Severity: 1

Test Case 1.9.3: Login with invalid username

Instructions:

1. Assume there's a valid account in the system as shown in test case 1.1
2. Type in following info:
Username: ryanc123
Password: 123Qwe
3. Click 'Login' button

Expected results:

- Display error message

Severity: 1

Test Case 1.9.4: Login with invalid password

Instructions:

1. Assume there's a valid account in the system as shown in test case 1.1
2. Type in following info:
Username: ryanc
Password: 123Qwe@Ggyuyb
3. Click 'Login' button

Expected results:

- Display error message

Severity: 1

Test Case 1.9.5: Logging out from the website

Instructions:

1. Click the 'Logout' button on the navigation bar

Expected results:

- User is logged out and returned to home page

Severity: 1

User story 2: As a user, I would like to view item listings on the website.

Test Case 2.1: Data of items exists in database

Instructions:

1. Login with valid username and password

Expected results:

- Items will be listed on the homepage

Severity: 1

Test Case 2.2: Data of items does not exist in database

Instructions:

1. Login with valid username and password

Expected results:

- Nothing will be listed

Severity: 2

User story 3: As a user, I would like to view details on an individual listing.

Test Case 3.1: Go to item's details page

Instructions:

1. Click the link on one of the item listings

Expected results:

- Navigate to the item detail page
- Details of the item appear on the page

Severity: 1

User story 4: As a user, I would like to sort and filter listing items by date and price.

Test Case 4.1 : Sort by price

Instructions:

1. Go to "home" page
2. Select "by price" in the "sort" dropdown menu
3. Leave the search field empty
4. Click "search" button

Expected results:

- All listing items show up in ascending order by price

Severity: 2

Test Case 4.2: Filter price by entering increasing negative range

Instructions:

1. Create a listing item with price of “-10”
2. Go to “home” page
3. Check on the “filter price” box
4. Enter the price range “-20” and “-5”
5. Leave the search field empty
6. Click “search” button

Expected results:

- Fail to create the item
- No item shows up and maybe an error message shows up

Severity: 2

Test Case 4.3: Filter price by entering decreasing negative range

Instructions:

1. Go to “home” page
2. Check on the “filter price” box
3. Enter the price range “-5” and “-20”
4. Leave the search field empty
5. Click “search” button

Expected results:

- No item shows up and maybe an error message shows up

Severity: 2

Test Case 4.4: Filter price by entering equal negative range

Instructions:

1. Go to “home” page
2. Check on the “filter price” box
3. Enter the price range “-10” and “-10”
4. Leave the search field empty
5. Click “search” button

Expected results:

- No item shows up and maybe an error message shows up

Severity: 2

Test Case 4.5: Filter price by entering negative range with decimal points

Instructions:

1. Go to “home” page
2. Check on the “filter price” box
3. Enter the price range “-10.5” and “-9.5”
4. Leave the search field empty
5. Click “search” button

Expected results:

- No item shows up and maybe an error message shows up

Severity: 2

Test Case 4.6: Filter price by entering increasing valid range with item present within range

Instructions:

1. Create a listing item with price of “10”
2. Go to “home” page
3. Check on the “filter price” box
4. Enter the price range “0” and “20”
5. Leave the search field empty
6. Click “search” button

Expected results:

- At least the created item shows up, other items fulfilling the requirement may show up as well

Severity: 2

Test Case 4.7: Filter price by entering decreasing valid range with item present within range

Instructions:

1. Go to “home” page
2. Check on the “filter price” box
3. Enter the price range “20” and “0”
4. Leave the search field empty
5. Click “search” button

Expected results:

- No item shows up and maybe an error message shows up

Severity: 2

Test Case 4.8: Filter price by entering equal valid range with item present at the range

Instructions:

1. Go to “home” page
2. Check on the “filter price” box

3. Enter the price range “10” and “10”
4. Leave the search field empty
5. Click “search” button

Expected results:

- At least the created item shows up, other items fulfilling the requirement may show up as well

Severity: 2

Test Case 4.9: Filter price by entering valid range with item present at the inner boundary of the range

Instructions:

1. Go to “home” page
2. Check on the “filter price” box
3. Enter the price range “9” and “10”
4. Leave the search field empty
5. Click “search” button

Expected results:

- At least the created item shows up, other items fulfilling the requirement may show up as well

Severity: 2

Test Case 4.10: Filter price by entering valid range with item present at the outer boundary of the range

Instructions:

1. Go to “home” page
2. Check on the “filter price” box
3. Enter the price range “10” and “11”
4. Leave the search field empty
5. Click “search” button

Expected results:

- At least the created item shows up, other items fulfilling the requirement may show up as well

Severity: 2

Test Case 4.11: Filter price by entering valid range in decimal with item present in the range

Instructions:

1. Go to “home” page
2. Check on the “filter price” box
3. Enter the price range “9.9” and “10.1”

4. Leave the search field empty
5. Click “search” button

Expected results:

- At least the created item shows up, other items fulfilling the requirement may show up as well

Severity: 2

Test Case 4.12: Filter price by entering non number

Instructions:

1. Go to “home” page
2. Check on the “filter price” box
3. Enter the price range “asd” and “asd”
4. Leave the search field empty
5. Click “search” button

Expected results:

- No item shows up and maybe an error message shows up

Severity: 2

Test Case 4.13: Filter by choosing has location

Instructions:

1. Go to “home” page
2. Select “has location” in the “sort” dropdown menu
3. Leave the search field empty
4. Click “search” button

Expected results:

- All items that has location show up and only them show up

Severity: 2

Test Case 4.14: Filter by choosing has photo

Instructions:

1. Go to “home” page
2. Select “has photo” in the “sort” dropdown menu
3. Leave the search field empty
4. Click “search” button

Expected results:

- All items that has photo show up and only them show up

Severity: 2

Test Case 4.15: Sort by date

Instructions:

1. Go to “home” page
2. Select “by date” in the “sort” dropdown menu
3. Leave the search field empty
4. Click on “search” button

Expected results:

- All listing items show up in some order by date

Severity: 2

User story 5: As a user, I would like to search all item listings to find a specific item.

Test Case 5.1: Search item by exact matching title in alphabets

Instructions:

1. Create a listing item with the title being “uniquename”
2. Go to “home” page
3. Enter the keyword “uniquename” in the search field
4. Click on “search” button

Expected results:

- At least the newly created item shows up

Severity: 2

Test Case 5.2: Search item by exact matching title in numbers

Instructions:

1. Create a listing item with the title being “12345”
2. Go to “home” page
3. Enter the keyword “12345” in the search field
4. Click on “search” button

Expected results:

- At least the newly created item shows up

Severity: 2

Test Case 5.3: Search item by exact matching title in special characters

Instructions:

1. Create a listing item with the title being “!@#%”
2. Go to “home” page
3. Enter the keyword “!@#%” in the search field
4. Click on “search” button

Expected results:

- At least the newly created item shows up

Severity: 2

Test Case 5.4: Search item by exact matching title in mixed alphabets and number

Instructions:

1. Create a listing item with the title being “unique1name”
2. Go to “home” page
3. Enter the keyword “unique1name” in the search field
4. Click on “search” button

Expected results:

- At least the newly created item shows up

Severity: 2

Test Case 5.5: Search item by exact matching title in mixed alphabets and special characters

Instructions:

1. Create a listing item with the title being “unique!@#name”
2. Go to “home” page
3. Enter the keyword “unique!@#name” in the search field
4. Click on “search” button

Expected results:

- At least the newly created item shows up

Severity: 2

Test Case 5.6: Search item by exact matching title in mixed numbers and alphabets

Instructions:

1. Create a listing item with the title being “123unique45”
2. Go to “home” page
3. Enter the keyword “123unique45” in the search field
4. Click on “search” button

Expected results:

- At least the newly created item shows up

Severity: 2

Test Case 5.7: Search item by exact matching title in mixed numbers and special characters

Instructions:

1. Create a listing item with the title being “123!@#45”
2. Go to “home” page
3. Enter the keyword “123!@#45” in the search field
4. Click on “search” button

Expected results:

- At least the newly created item shows up

Severity: 2

Test Case 5.8: Search item by exact matching title in mixed special characters and alphabets

Instructions:

1. Create a listing item with the title being “!@#unique\$%”
2. Go to “home” page
3. Enter the keyword “!@#unique\$%” in the search field
4. Click on “search” button

Expected results:

- At least the newly created item shows up

Severity: 2

Test Case 5.9: Search item by exact matching title in mixed special characters and numbers

Instructions:

1. Create a listing item with the title being “!@#123\$%”
2. Go to “home” page
3. Enter the keyword “!@#123\$%” in the search field
4. Click on “search” button

Expected results:

- At least the newly created item shows up

Severity: 2

Test Case 5.10: Search item by exact matching title in mixed characters, numbers, special characters

Instructions:

1. Create a listing item with the title being “u1!n2@i3#”
2. Go to “home” page
3. Enter the keyword “u1!n2@i3#” in the search field
4. Click on “search” button

Expected results:

- At least the newly created item shows up

Severity: 2

Test Case 5.11: Search item by exact matching title in different case

Instructions:

1. Create a listing item with the title being “unique”
2. Go to “home” page
3. Enter the keyword “UNIQUE” in the search field

4. Click on “search” button

Expected results:

- At least the newly created item shows up

Severity: 2

Test Case 5.12: Search item by exact matching description

Instructions:

1. Create a listing item with the description being “unique”
2. Go to “home” page
3. Enter the keyword “unique” in the search field
4. Click on “search” button

Expected results:

- At least the newly created item shows up

Severity: 2

Test Case 5.13: Search item by exact matching tag

Instructions:

1. Create a listing item with the tag being “unique”
2. Go to “home” page
3. Enter the keyword “unique” in the search field
4. Click on “search” button

Expected results:

- At least the newly created item shows up

Severity: 2

Test Case 5.14: Search item by search term matching partial of title

Instructions:

1. Create a listing item with title being “unique title”
2. Go to “home” page
3. Enter the keyword “unique” in the search field
4. Click on “search” button

Expected results:

- At least the newly created item shows up

Severity: 2

Test Case 5.15: Search item by search term matching partial of description

Instructions:

1. Create a listing item with description being “unique description”
2. Go to “home” page

3. Enter the keyword “unique” in the search field
4. Click on “search” button

Expected results:

- At least the newly created item shows up

Severity: 2

Test Case 5.16: Search item by search term matching partial of tag

Instructions:

1. Create a listing item with title being “unique tag”
2. Go to “home” page
3. Enter the keyword “unique” in the search field
4. Click on “search” button

Expected results:

- At least the newly created item shows up

Severity: 2

Test Case 5.17: Search item by search term matching partial word of title

Instructions:

1. Create a listing item with title being “unique title”
2. Go to “home” page
3. Enter the keyword “uni” in the search field
4. Click on “search” button

Expected results:

- At least the newly created item shows up

Severity: 2

Test Case 5.18: Search item by search term matching partial of description

Instructions:

1. Create a listing item with description being “unique description”
2. Go to “home” page
3. Enter the keyword “uni” in the search field
4. Click on “search” button

Expected results:

- At least the newly created item shows up

Severity: 2

Test Case 5.19: Search item by search term matching partial of tag

Instructions:

1. Create a listing item with title being “unique tag”

2. Go to “home” page
3. Enter the keyword “uni” in the search field
4. Click on “search” button

Expected results:

- At least the newly created item shows up

Severity: 2

Test Case 5.20: Search item by exact matching title with search term with space

Instructions:

1. Create a listing item with title being “unique title”
2. Go to “home” page
3. Enter the keyword “unique title” in the search field
4. Click on “search” button

Expected results:

- At least the newly created item shows up

Severity: 2

Test Case 5.21: Search item by exact matching description with search term with space

Instructions:

1. Create a listing item with title being “unique title”
2. Go to “home” page
3. Enter the keyword “unique title” in the search field
4. Click on “search” button

Expected results:

- At least the newly created item shows up

Severity: 2

Test Case 5.22: Search item by exact matching tag with search term with space

Instructions:

1. Create a listing item with title being “unique tag”
2. Go to “home” page
3. Enter the keyword “unique tag” in the search field
4. Click on “search” button

Expected results:

- At least the newly created item shows up

Severity: 2

Test Case 5.23: Search item by entering nothing

Instructions:

1. Go to “home” page
2. Enter nothing in the search field
3. Click on “search” button

Expected results:

- Nothing happens

Severity: 3

Test Case 5.24: Search item by entering search term with no matching results

Instructions:

1. Go to “home” page
2. Enter the keyword that does not appear in any item in the search field
3. Click on “search” button

Expected results:

- No item shows up

Severity: 3

User story 6: As a user, I would like to add a listing, including item name, description, location, photo, price, and other fields.

Test Case 6.1: Go to add listing page

Instructions:

1. Open up the adding listing page

Expected results:

- The adding listing page opens

Severity: 1

Description: Test the “adding list page” works

Test Case 6.2: Add listing with valid inputs and JPEG image of valid size

Instructions:

1. Open up the adding listing page
2. Fill out the form with title = “QWERTYUIOP” (10 characters), the description = “POIUYTREWQ” 2 times (20 characters), price = 10
3. Include the image in JPEG format less than 2 MB
4. Include location

Expected results:

- Adding listing page opens
- Form be filled correctly
- File gets uploaded successfully
- System takes user to the newly posted listing

Severity: 1

Test Case 6.3: Add listing with valid inputs and GIF image of valid size

Instructions:

1. Open up the adding listing page
2. Fill out the form with title = "QWERTYUIOP" (10 characters), the description = "POIUYTREWQ" 2 times (20 characters), price = 10
3. Include the image in GIF format less than 2MB
4. Include location

Expected results:

- Adding listing page opens
- Form be filled correctly
- File gets uploaded successfully
- System takes user to the newly posted listing

Severity: 1

Test Case 6.4: Add listing with valid inputs and PNG image of valid size

Instructions:

1. Open up the adding listing page
2. Fill out the form with title = "QWERTYUIOP" (10 characters), the description = "POIUYTREWQ" 2 times (20 characters), price = 10
3. Include the image in PNG format less than 2 MB
4. Include location

Expected results:

- Adding listing page opens
- Form be filled correctly
- File gets uploaded successfully
- System takes user to the newly posted listing

Severity: 1

Test Case 6.5: Add listing with valid inputs and JPEG image of valid size at boundary

Instructions:

1. Open up the adding listing page
2. Fill out the form with title = "QWERTYUIOP" (10 characters), the description = "POIUYTREWQ" 2 times (20 characters), price = 10
3. Include the 2 MB image in JPEG format
4. Include location

Expected results:

- Adding listing page opens

- Form be filled correctly
- File gets uploaded successfully
- System takes user to the newly posted listing

Severity: 1

Test Case 6.6: Add listing with valid inputs and JPEG image of invalid size

Instructions:

1. Open up the adding listing page
2. Fill out the form with title = "QWERTYUIOP" (10 characters), the description = "POIUYTREWQ" 2 times (20 characters), price = 10
3. Include the 3 MB image in JPEG format
4. Include location

Expected results:

- Adding listing page opens
- Form be filled correctly
- System shows warning to user because of the oversized image
- System takes user to the newly posted listing

Severity: 2

Test Case 6.7: Add listing with valid inputs and PDF file of valid size

Instructions:

1. Open up the adding listing page
2. Fill out the form with title = "QWERTYUIOP" (10 characters), the description = "POIUYTREWQ" 2 times (20 characters), price = 10
3. Include the image in the pdf format less than 2MB

Expected results:

- Adding listing page opens
- Form be filled correctly
- System shows warning about invalid file format

Severity: 2

Test Case 6.8: Add listing with valid inputs and include location

Instructions:

1. Open up the add listing page
2. Fill out the form with title = "QWERTYUIOP" (10 characters), the description = "POIUYTREWQ" 2 times (20 characters), price = 10
3. Include valid file format
4. Does not include location

Expected results:

- Adding listing page opens

- Form be filled correctly
- File gets uploaded successfully
- System takes user to the newly posted listing without showing the location

Severity: 1

Test Case 6.9: Add listing with valid inputs with price as 0

Instructions:

1. Open up the adding listing page
2. Fill out the form with title = "QWERTYUIOP" (10 characters), the description = "POIUYTREWQ" 2 times (20 characters)
3. Include valid file format
4. Fill out the price with 0

Expected results:

- Adding listing page opens
- Form be filled correctly
- File gets uploaded successfully
- System takes user to the newly posted listing

Severity: 1

Test Case 6.10: Add listing with valid inputs with price as -1

Instructions:

1. Open up the adding listing page
2. Fill out the form with title = "QWERTYUIOP" (10 characters), the description = "POIUYTREWQ" 2 times (20 characters)
3. Include valid file format
4. Fill out the price with -1

Expected results:

- Adding listing page opens
- Form be filled correctly
- System shows warning about invalid price
- File gets uploaded successfully

Severity: 2

Test Case 6.11: Add listing with valid inputs with title of 10 characters

Instructions:

1. Open up the adding listing page
2. Fill out the form with the description = "POIUYTREWQ" 2 times (20 characters), price = 10
3. Include valid file format
4. Fill out the title with "QWERTYUIOP" (10 characters)

Expected results:

- Adding listing page opens
- Form be filled correctly
- File gets uploaded successfully
- System takes user to the newly posted listing

Severity: 1

Test Case 6.12: Add listing with valid inputs with title of 9 characters

Instructions:

1. Open up the adding listing page
2. Fill out the form with the description = “POIUYTREWQ” 2 times (20 characters), price = 10
3. Include valid file format
4. Fill out the title with “QWERTYUIO” (9 characters)

Expected results:

- Adding listing page opens
- Form be filled correctly
- File gets uploaded successfully
- System shows warning about the title being invalid

Severity: 2

Test Case 6.13: Add listing with valid inputs and with title of 200 characters

Instructions:

1. Open up the adding listing page
2. Fill out the form with the description = “POIUYTREWQ” 2 times (20 characters), price = 10
3. Include valid file format
4. Fill out the title with “QWERTYUIOP” 20 times (200 characters)

Expected results:

- Adding listing page opens
- Form be filled correctly
- File gets uploaded successfully
- System takes user to the newly posted listing

Severity: 1

Test Case 6.14: Adding listing with valid arguments and with title of 201 characters

Instructions:

1. Open up the adding listing page
2. Fill out the form with the description = “POIUYTREWQ” 2 times (20 characters), price = 10
3. Include valid file format
4. Fill out the title with “QWERTYUIOP” 20 times + “Q” (201 characters)

Expected results:

- Adding listing page opens
- Form be filled correctly
- File gets uploaded successfully
- System shows warning about the title being invalid

Severity: 2

Test Case 6.15: Adding listing with valid arguments and description, which is too short

Instructions:

1. Open up the adding listing page
2. Fill out the form with title = "QWERTYUIOP" (10 characters), price = 10
3. Include valid file format
4. Fill out the description with "DescriptionDescript" (19 characters)

Expected results:

- Adding listing page opens
- Form be filled correctly
- File gets uploaded successfully
- System shows warning about description invalid

Severity: 2

Test Case 6.16: Adding the listing with valid arguments and description with length at boundary

Instructions:

1. Open up the adding listing page
2. Fill out the form with title = "QWERTYUIOP" (10 characters) price = 10
3. Include valid file format
4. Fill out the description with "QWERTYUIOP" 2 times (20 characters)

Expected results:

- Adding listing page opens
- Form be filled correctly
- File gets uploaded successfully
- System takes user to the newly posted listing

Severity: 1

Test Case 6.17: Add listing with valid inputs and description of invalid size

Instructions:

1. Open up the adding listing page
2. Fill out the form with title = "QWERTYUIOP" (10 characters) price = 10
3. Include valid file format
4. Fill out the description with "QWERTYUIOP" 200 times + "Q" (2001 characters)

Expected results:

- Adding listing page opens

- Form be filled correctly
- File gets uploaded successfully
- System shows warning about description invalid

Severity: 2

User story 7: As a user, I would like to delete my listing.

Test Case 7.1: Deleting the existing listing

Instructions:

1. Click on profile
2. Click on “Listings”
3. Click on delete
4. Search for the listing on trade history page

Expected results:

- System takes user to the profile page
- System shows all the listings that the user posted
- System deletes the listing
- System redirects to trade history page
- Deleted item is not on trade history page

Severity: 1

User story 8: As a user, I would like to view another seller's profile.

Test Case 8.1: View the profile page of seller

Instructions:

1. Click on the username's link on item details page

Expected results:

- Navigate to seller's profile page
- Display seller's rating and a navigation bar with 'About', 'Listings' and 'Reviews'
- Show 'About' page at default, displaying the username and email of seller

Severity: 1

Test Case 8.2: View 'Listings' in seller's profile page

Instructions:

1. Click on the 'Listing' link on the navigation bar

Expected results:

- Display the item listings that the seller submitted in 'Add Listing'

Severity: 1

Test Case 8.3: View 'Reviews' in seller's profile page

Instructions:

1. Click on the 'Reviews' link on the navigation bar

Expected results:

- Display the descriptions/comments and ratings rated by users

Severity: 1

User story 9: As a user, I would like to send a message to another user to set up a trade.

Test Case 9.1: Setting up a chat with another user

Instructions:

1. Click the link on the item that the user wants to buy in the home page
2. Click 'Chat to the seller' link

Expected results:

- Navigate to item detail page
- Navigate to chat page

Severity: 1

Test Case 9.2: Choosing a user to chat with

Instructions:

1. Click on the user on the left side

Expected results:

- Open up a dialog window with the user

Severity: 1

Test Case 9.3: Sending message to another user

Instructions:

1. Type a message in the space provided
2. Press 'Enter' on keyboard

Expected results:

- A message will be sent to the user on the other side
- The message that is sent will be showed on the dialog window

Severity: 1

User story 10: As a user, I would like to receive a message from another user to set up a trade.

Test Case 10.1: Open up chat page

Instructions:

1. Click 'Chat' on the navigation bar

Expected results:

- Navigate to the 'Chat' page with dialog window

Severity: 1

Test Case 10.2: Open up dialog window with a specific user

Instructions:

1. Click on the user that you want to chat with on the left side

Expected results:

- Show the chat history between you and the selected user

Severity: 1

Test Case 10.3: Receive message from another user

Instructions:

1. Click on the user that you want to chat with on the left side, wait for message

Expected results:

- Message from another user appears in real time in the dialog window

Severity: 1

User story 11: As a user, I would like to get a notification if I have an unread message.

Test Case 11.1: Get a notification when have an unread message

Instructions:

1. Another user sends a message to current user
2. Current user go to all listings page

Expected results:

- Number of unread messages is displayed

Severity: 2

Test Case 11.2: Get no notification when message is read

Instructions:

1. Another user sends a message to current user
2. Current user reads the message
3. Go to all listings page

Expected results:

- Number of unread messages is not displayed

Severity: 3

User story 12: As a user, I would like to mark my item as sold.

Test Case 12.1: Sell an item

Instructions:

1. Add a new listing like in the test case 6.2
2. Opens up the user's listing history
3. Change one to sold

Expected results:

- The new listing is added to the system
- The system shows the listing history
- The system change the status of the listing to sold
- The system somehow mark the item status to "sold"
- Navigate to trade history page

Severity: 2

Test Case 12.2: Selling an item that has marked sold

Instructions:

1. Opens up the user's listing history
2. Click the "sold" button on the one that we sold in test case 12-1

Expected results:

- The system shows the listing history
- The system shows warning about item has already been sold

Severity: 3

User story 13: As a user, I would like to rate the buyer or seller after the purchase is completed (on a five star system).

Test Case 13.1.1: Go to buyer or seller's profile page after purchase is completed

Instructions:

1. Go to an item details page
2. Click on the buyer or seller's name

Expected results:

- Navigate to the buyer or seller's page with rate function enabled

Severity: 1

Test Case 13.1.2: Go to buyer or seller's profile page without purchase being completed

Instructions:

1. Go to an item details page
2. Click on the buyer or seller's name

Expected results:

- Navigate to the buyer or seller's page with rate function disabled

Severity: 2

Test Case 13.2.1: Rate a seller or buyer with rating as 1 with comment

Instructions:

1. Go to seller or buyer's profile page
2. Choose rating 1 on the five star system
3. Input comment
4. Click on rate button

Expected results:

- Profile page is refreshed
- Ratings displayed is calculated as average ratings

Severity: 1

Test Case 13.2.2: Rate a seller or buyer with rating as 2 with comment

Instructions:

1. Go to seller or buyer's profile page
2. Choose rating 2 on the five star system
3. Input comment
4. Click on rate button

Expected results:

- Profile page is refreshed
- Ratings displayed is calculated as average ratings

Severity: 1

Test Case 13.2.3: Rate a seller or buyer with rating as 3 with comment

Instructions:

1. Go to seller or buyer's profile page
2. Choose rating 3 on the five star system
3. Input comment
4. Click on rate button

Expected results:

- Profile page is refreshed
- Ratings displayed is calculated as average ratings

Severity: 1

Test Case 13.2.4: Rate a seller or buyer with rating as 4 with comment

Instructions:

1. Go to seller or buyer's profile page
2. Choose rating 4 on the five star system
3. Input comment
4. Click on rate button

Expected results:

- Profile page is refreshed
- Ratings displayed is calculated as average ratings

Severity: 1

Test Case 13.2.5: Rate a seller or buyer with rating as 5 with comment

Instructions:

1. Go to seller or buyer's profile page
2. Choose rating 5 on the five star system
3. Input comment
4. Click on rate button

Expected results:

- Profile page is refreshed
- Ratings displayed is calculated as average ratings

Severity: 1

Test Case 13.2.6: Rate a seller or buyer with no rating with comment

Instructions:

1. Go to seller or buyer's profile page
2. Choose no rating
3. Input comment
4. Click on rate button

Expected results:

- Rating should be rejected

Severity: 2

Test Case 13.3.1: Rate a seller or buyer without comment

Instructions:

1. Go to seller or buyer's profile page
2. Choose a rating on the five star system
3. Click on rate button

Expected results:

- Profile page is refreshed
- Ratings displayed is calculated as average ratings

Severity: 2

Test Case 13.3.2: Rate a seller or buyer with no rating without comment

Instructions:

1. Go to seller or buyer's profile page
2. Choose no rating
3. Click on rate button

Expected results:

- Rating should be rejected

Severity: 2

Test Case 13.4: Rate a seller or buyer with no previous ratings

Instructions:

1. Go to seller or buyer's profile page
2. Choose a rating on the five star system
3. Input comment
4. Click on rate button

Expected results:

- Profile page is refreshed
- Ratings displayed as the new rating

Severity: 2

Test Case 13.5: Rate user himself/herself

Instructions:

1. Go to user's own profile page
2. Choose a rating on the five star system
3. Input comment
4. Click on rate button

Expected results:

- Rating should be rejected

Severity: 3

User story 14: As a user, I would like to leave an anonymous comment along with the rating for another user on his/her profile page and it will be visible to other users.

Test Case 14.1: View the comment I left for another user

Instructions:

1. Go to seller or buyer's profile page
2. Choose a rating on the five star system
3. Input comment

4. Click on rate button
5. Click on reviews

Expected results:

- Comment I left was displayed without my name listed

Severity: 2

Test Case 14.2: View the comment I left for a user using a third person account

Instructions:

1. Use a third person account to go to the profile page of the user I gave comment
2. Click on reviews

Expected results:

- Comment I left was displayed without my name listed

Severity: 2

User story 15: As a user, I would like to know which sellers are considered trustworthy by viewing the rating of the seller on a [0, 5] range based off the ratings the sellers received from other buyers.

Test Case 15.1: View the rating of a seller

Instructions:

1. Click on the targeted listing
2. Click on the seller's name on the item details page

Expected results:

- Ratings of the seller is displayed

Severity: 2

User story 16: As a user, I would like to view the comments of sellers along with their rating.

Test Case 16.1: View the comment and rating of a seller

Instructions:

1. Click on the targeted listing
2. Click on the seller's name on the item details page
3. Click on reviews on the seller's profile page

Expected results:

- Comments along with the ratings of the seller is displayed

Severity: 2

User story 17: As a user I would like to be able to filter sellers by their trustworthiness ranking.

Test Case 17.1: Filter items by entering negative rating range

Instructions:

1. Go to “home” page
2. Check on the “filter rating” box
3. Enter the rating range “-10” and “-0.1”
4. Leave the search field empty
5. Click “search” button

Expected results:

- No item shows up and maybe a error message shows up

Severity: 2

Test Case 17.2: Filter items by entering positive rating range >5

Instructions:

1. Go to “home” page
2. Check on the “filter rating” box
3. Enter the rating range “5.1” and “10”
4. Leave the search field empty
5. Click “search” button

Expected results:

- No item shows up and maybe a error message shows up

Severity: 2

Test Case 17.3: Filter items by entering increasing rating range [0,5]

Instructions:

1. Go to “home” page
2. Check on the “filter rating” box
3. Enter the rating range “0” and “5”
4. Leave the search field empty
5. Click “search” button

Expected results:

- All items show up

Severity: 2

Test Case 17.4: Filter items by entering decreasing rating range [0,5]

Instructions:

1. Go to “home” page
2. Check on the “filter rating” box

3. Enter the rating range “5” and “0”
4. Leave the search field empty
5. Click “search” button

Expected results:

- No item shows up and maybe a error message shows up

Severity: 2

Test Case 17.5: Filter items by entering equal valid rating range

Instructions:

1. Go to “home” page
2. Check on the “filter rating” box
3. Enter the rating range “3” and “3”
4. Leave the search field empty
5. Click “search” button

Expected results:

- Only items whose sellers’ ratings are 3 show up

Severity: 2

User story 18: As a user, I would like to be able to checkout similar items based on tags.

Test Case 18.1:

Instructions:

1. Create several listing items with same tag that is different from the existing ones
2. Go to “home” page
3. Click on one of the newly created listing item
4. Click on the tag

Expected results:

- Only the newly created items show up

Severity: 2

User story 19: As a user, I would like to view my previous trade history.

Test Case 19.1: View my previous trade history

Instructions:

1. Click on profile.
2. Click on “Listings” tab.

Expected results:

- Displays the trade history with buttons for edit, sold and delete.

Severity: 1

Test Case 19.2 View my previous trade history (no previous trade history):

Instructions:

1. Click on profile.
2. Click on “Listings” tab.

Expected results:

- Display no trades in the trade history.

Severity: 2

User story 20: As a user, I would like to view the location of item listings.

Test Case 20.1: View location of item listings (listing with location included)

Instructions:

1. Click on item listings on profile page or listing page.

Expected results:

- Location is displayed with the item listing.

Severity: 1

Test Case 20.2: View location of item listings (no location included)

Instructions:

1. Click on item listings on profile page or listing page.

Expected results

- No specific location is indicated with the item listing.

Severity: 2

User story 21: As a user, I would like to edit details like price, description, etc on my item listing.

Test Case 21.1: Edit details (correct formats at lower boundary, JPEG image)

Instructions:

1. Click on item listings on profile page or listing details page.
2. Fill form with inputs with the correct formats, title length=10, description length=20, price=0, JPEG file.

Expected results:

- Redirect user to details page for the edited listing.
- Message displayed indicating item was edited.

Severity: 1

Test Case 21.1.2: Edit details (correct formats at upper boundary, GIF image)

Instructions:

1. Click on item listings on profile page or listing details page.
2. Fill form with inputs with the correct formats, title length=200, description length=2000, file size=2MB, GIF file.

Expected results:

- Redirect user to details page for the edited listing.
- Message displayed indicating item was edited.

Severity: 1

Test Case 21.1.3: Edit details (correct formats, PNG image)

Instructions:

1. Click on item listings on profile page or listing details page.
2. Fill form with inputs with the correct formats, PNG file.

Expected results:

- Redirect user to details page for the edited listing.
- Message displayed indicating item was edited.

Severity: 1

Test Case 21.2: Edit details (short title, length < 10)

Instructions:

1. Click on item listings on profile page or listing details page.
2. Fill form with inputs with short title.

Expected results:

- Message displayed indicating title too short

Severity: 2

Test Case 21.3: Edit details (long title, length > 200)

Instructions:

1. Click on item listings on profile page or listing details page.
2. Fill form with inputs with long title.

Expected results:

- Message displayed indicating title too long.

Severity: 2

Test Case 21.4: Edit details (short description, length < 20)

Instructions:

1. Click on item listings on profile page or listing details page.
2. Fill form with inputs with short description.

Expected results:

- Message displayed indicating description too short.

Severity: 2

Test Case 21.4: Edit details (long description, length > 2000)

Instructions:

1. Click on item listings on profile page or listing details page.
2. Fill form with inputs with long description.

Expected results:

- Message displayed indicating description too long.

Severity: 2

Test Case 21.5: Edit details (negative price)

Instructions:

1. Click on item listings on profile page or listing details page.
2. Fill form with inputs with negative price.

Expected results:

- Message displayed indicating price must be positive.

Severity: 2

Test Case 21.6: Edit details (correct format, large image, > 2MB)

Instructions

1. Click on item listings on profile page or listing details page.
2. Upload large image with correct format.

Expected results:

- Error printed on UI.

Severity: 2

Test Case 21.7: Edit details (incorrect format, small image, < 2MB)

Instructions

1. Click on item listings on profile page or listing details page.
2. Upload small image with incorrect format.

Expected results:

- Error printed on UI.

Severity: 2

Test Case 21.8: Edit details (incorrect format, large image, > 2MB)

Instructions

1. Click on item listings on profile page or listing details page.
2. Upload large image with incorrect format.

Expected results:

- Error printed on UI.

Severity: 2

Test Case 21.9: Edit details (listing does not belong to user)

Instructions

1. Click on item that does not belong to user on profile page or listing details page.

Expected results:

- Error indicating that listing does not belong to user.

Severity: 2

User story 22: As a user, I would like to create customized tags to better categorize my listing.

Test Case 22.1: Create customized tags on listing.

Instructions:

1. Add listing or edit listing.
2. Enter a string as the tag for the listing.

Expected results:

- Redirect user to details page for the added or edited listing.

Severity: 1

