

Epic: Account

Title: Log in

Precondition: the user is on the login page.

Tested ▾

Test Description: Enter valid email address and valid password and login to account

Test Steps:

- Enter Email and password and hit “Login” Button

Expected Result: Users should then be directed back to the homepage with their login information on the top right.

Tested ▾

Test Description: Enter valid password and incorrect email address get error message

Test Steps:

- Enter incorrect email address and hit “Login” Button

Expected Result: error message should pop out saying incorrect email address/password.

Tested ▾

Test Description: Enter valid email and incorrect password get error message

Test Steps:

- Enter incorrect password and hit “Log In” Button

Expected Result: error message should pop out saying incorrect email address/password.

Title: Create new password

Precondition: the user is on the reset password page

Tested ▾

Test Description: User should be able to change my password to a new password if forgotten.

Test Steps:

- Enter email and new password and hit “Change” button

Expected Result: new password should be saved to my account

Tested ▾

Test Description: user enters invalid password requirements

Test Steps:

- Enter email and new password and hit “Change” button

Expected Result: error messages saying valid requirements not met for new password.

Title: Sign Up

We need to have multiple invalid email and invalid password tests to test all the different ways an email or password might be invalid.

Tested ▾

Test Description: Enter invalid email and valid password in the text field

Test Steps:

- Add conditions which may indicate an email may be invalid here, using multiple bullet points. Each bullet point would represent a different test.

Expected Result: No new email and password should be stored to the user database. A message should pop up requesting the user to enter a valid email.

Tested ▾

Test Description: Enter a valid email and an invalid password not satisfying the requirement "minimum 12 characters"

Test Steps: Enter a password in the text field which has less than 12 characters and then press "sign up".

Expected Result: No new email and password should be stored to the user database. A message should pop up requesting the user to enter a valid password.

Tested ▾

Test Description: Enter a valid email and an invalid password not satisfying the requirement "at least one uppercase letter"

Test Steps: Enter a password in the text field which has no uppercase letters and then press “sign up”.

Expected Result: No new email and password should be stored to the user database. A message should pop up requesting the user to enter a valid password.

Tested ▾

Test Description: Enter a valid email and an invalid password not satisfying the requirement “at least one lowercase letter”

Test Steps: Enter a password in the text field which has no lowercase letters and then press “sign up”.

Expected Result: No new email and password should be stored to the user database. A message should pop up requesting the user to enter a valid password.

Tested ▾

Test Description: Enter a valid email and an invalid password not satisfying the requirement “at least one digit”

Test Steps: Enter a password in the text field which has no digits and then press “sign up”.

Expected Result: No new email and password should be stored to the user database. A message should pop up requesting the user to enter a valid password.

Tested ▾

Test Description: Enter a valid email and a valid password in the text field

Test Steps: Enter an email satisfying the following requirements

- Add conditions which indicate an email is valid here, using multiple bullet points.

and a password satisfying the following requirements:

- Minimum 12 characters

- At least one uppercase letter
- At least one lowercase letter
- At least one digit

Expected Result: The valid email and password should be stored to the user database. Users should then be directed back to the homepage with their login information on the top right.

Tested ▾

Test Description: Enter invalid email in the text field (the email doesn't exist in the database)

Expected Result: A message should pop up requesting the user to enter a valid email.

Create new password

Epic: Shopping Cart

Tested ▾

Test Description: Verify that a product can be removed from the cart.

Test Steps:

1. Add a product to the cart.
2. Go to the cart page.
3. Click the "Remove" button next to the product.

Expected Result: The product is removed from the cart, the cart count is reduced by one, and the item is no longer displayed in the cart.

Tested ▾

Test Description: Verify that the quantity of a product in the cart can be updated.

Test Steps:

1. Add a product to the cart.
2. Go to the cart page.

3. Change the quantity of the product to a new value.
4. Click "Update Cart" if necessary.

Expected Result: The quantity of the product updates correctly, and the total price reflects the new quantity.

Tested ▾

Test Description: Verify that the cart retains items after refreshing the page.

Test Steps:

1. Add one or more products to the cart.
2. Refresh the cart page.

Expected Result: The cart still contains the items that were added prior to the page refresh.

Tested ▾

Test Description: Verify that the total price of items in the cart is calculated correctly.

Test Steps:

1. Add multiple products to the cart.
2. View the cart page total price.

Expected Result: The total price displayed in the cart is the sum of the individual product prices (includes quantity amounts).

Tested ▾

Test Description: Verify that the user cannot add more than the maximum allowed quantity of a product to the cart.

Test Steps:

1. Add a product to the cart.
2. Attempt to increase the quantity past the allowed maximum.

Expected Result: The quantity does not exceed the maximum, or an error message displays indicating the limit.

Tested ▾

Test Description: Verify that the cart overlay updates in real time.

Test Steps:

1. Add an item to the cart.
2. Observe whether the cart overlay updates automatically.

Expected Result: The cart overlay updates in real-time to reflect changes.

Epic: Checkout

Tested ▾

Test Description: Verify that users can initiate the checkout process from the cart page.

Test Steps:

1. Add items to the cart.
2. Navigate to the cart page.
3. Click the "Proceed to Checkout" button.

Expected Result: The user is redirected to the checkout page, where their cart items are displayed.

Tested ▾

Test Description: Verify that registered users can complete the checkout process using their account.

Test Steps:

1. Log in as a registered user.
2. Start the checkout process.
3. Fill in any required information and complete the checkout process.

Expected Result: The user can complete the checkout process while using their account.

Tested ▾

Test Description: Verify that users can enter and save a shipping address during checkout.

Test Steps:

1. Start the checkout process.
2. Enter the shipping address details.
3. Continue to the next step.

Expected Result: The system accepts the shipping address, and it is shown in the order summary before completion.

Tested ▾

Test Description: Verify that users can enter and save payment details during checkout.

Test Steps:

1. Start the checkout process.
2. Enter payment details.
3. Continue to confirm the payment.

Expected Result: Processes the payment information, and a confirmation is displayed upon successful payment.

Tested ▾

Test Description: Verify that saved addresses and payment information are available for selection during checkout.

Test Steps:

1. Log in as a registered user with saved information.
2. Start the checkout process.

Expected Result: The system displays saved address and payment information, allowing the user to select them without re-entering details.

Tested ▾

Test Description: Verify that users can review their order details before placing the order.

Test Steps:

1. Start the checkout process.
2. Enter all required details (shipping, payment).
3. Reach the final review page.

Expected Result: The user can see all entered details, including items, shipping, and payment, and can make changes if needed before placing the order.

Tested ▾

Test Description: Verify that an order can be successfully placed, and a confirmation page is displayed.

Test Steps:

1. Complete the checkout process.
2. Click “Place Order” on the final confirmation page.

Expected Result: The system processes the order and displays an order confirmation page with details.

Epic: Shop

Tested ▾

Test Description: Verify that the search bar allows users to find products by entering keywords or product names.

Test Steps:

1. Type a product keyword in the search bar and press Enter.

Expected Result: The results page displays products that match the search keyword, or a “No results found” message if there are no matches

Tested ▾

Test Description: Verify that the shop page's banner carousel rotates through images, and users can navigate it.

Test Steps:

1. Observe the banner carousel for automatic rotation.
2. Click on navigation arrows.

Expected Result: The carousel rotates automatically and allows navigation, displaying images clearly without layout issues.

Tested ▾

Test Description: Verify that users can sort and filter products.

Test Steps:

1. Apply sorting (Price: Low to High) or filter (Only dogs).

Expected Result: The products refresh based on selected filters or sorting, displaying only matching items.

Tested ▾

Test Description: Verify that each product on the shop page shows the correct price and availability.

Test Steps:

1. Scroll through the shop page and view product details for price and stock information.

Expected Result: Each product displays its price and stock.
