**E-commerce Website Use Cases:**

**Implemented Use Cases:**

1. Signup:

- Description: Allows new users to create an account.

- Preconditions: User must not be registered.

- Basic Flow:

1. User navigates to the signup page.

2. User enters their details (username, email, password, etc.).

3. User clicks on the "Sign Up" button.

4. System verifies the entered details and creates the account.

- Alternative Flows:

- If the entered username or email is already in use, the system prompts the user to choose a different one.

A screen shot of a login form

Description automatically generated

2. Login:

- Description: Allows registered users to log in to their accounts.

- Preconditions: User must be registered.

- Basic Flow:

1. User navigates to the login page.

2. User enters their username/email and password.

3. User clicks on the "Login" button.

4. System verifies credentials and logs the user in if they are correct.

- Alternative Flows:

- If the credentials are incorrect, the system displays an error message.

- Option to reset password if forgotten.

A screenshot of a login form

Description automatically generated

3. Logout:

- Description: Allows logged-in users to log out of their accounts.

- Preconditions: User must be logged in.

- Basic Flow:

1. User clicks on the logout button.

2. System logs the user out and redirects them to the homepage.

A screenshot of a computer

Description automatically generated

4. Search bar:

- Description: Allows users to search for products.

- Preconditions: None

- Basic Flow:

1. User enters a search query in the search bar.

2. System displays relevant products matching the search query.

A screenshot of a phone

Description automatically generated

5. Filter for product:

- Description: Allows users to filter products based on various criteria.

- Preconditions: Products must be available for filtering.

- Basic Flow:

1. User selects filtering criteria (e.g., price range, category, brand).

2. System updates the product list according to the selected filters.

A screenshot of a computer

Description automatically generated

6. Wishlist:

- Description: Allows users to add products to their wishlist for future reference.

- Preconditions: User must be logged in.

- Basic Flow:

1. User clicks on the "Add to Wishlist" button on a product.

2. System adds the product to the user's wishlist.

- Alternative Flows:

- User can remove products from the wishlist. A screenshot of a computer

Description automatically generated

7. Add to cart:

- Description: Allows users to add products to their shopping cart.

- Preconditions: User must be logged in.

- Basic Flow:

1. User clicks on the "Add to Cart" button on a product.

- Alternative Flows:

- User can update the quantity of the product in the cart. A screenshot of a computer

Description automatically generated

8. Delete product:

- Description: Allows users to remove products from their cart.

- Preconditions: User must have products in their cart.

- Basic Flow:

1. User navigates to their shopping cart.

2. User clicks on the "Delete" button next to the product they want to remove.

3. System removes the product from the cart.

A screenshot of a shirt

Description automatically generated

9. Product details page:

- Description: Displays detailed information about a product.

- Preconditions: Product must be available.

- Basic Flow:

1. User clicks on a product to view its details.

2. System displays detailed information about the product (e.g., description, price, images).

A computer screen shot of a backpack

Description automatically generated

10. Carousel:

- Description: Displays a rotating carousel of featured products or promotions.

- Preconditions: Products or promotions must be available.

- Basic Flow:

1. User visits the homepage or relevant section.

2. System displays a carousel of featured products or promotions.

A screenshot of a computer

Description automatically generated

11. Quantity plus-minus:

- Description: Allows users to adjust the quantity of a product in their cart.

- Preconditions: Product must be in the user's cart.

- Basic Flow:

1. User navigates to their shopping cart.

2. User adjusts the quantity using the plus and minus buttons.

3. System updates the total price accordingly.

A screenshot of a shirt

Description automatically generated

**Planned Use Cases:**

1. Checkout process

2. Payment method / Account Information

3. Sharing the product via link

4. Add customer reviews part