## **Functional Test Cases**

### **Test Case 1: Verify Homepage Navigation**

* **Test Case ID**: TC\_01
* **Test Type**: Functional
* **Objective**: Ensure all homepage links are working and lead to the correct page.
* **Pre-conditions**: User is on the homepage.
* **Test Steps**:
  1. Open the website<https://furniflexrct.netlify.app/>.
  2. Click on the "Home", "Sofas”,”Chairs”,”Wardrobes”,”Curtains” and Tables links.
  3. Verify that the page loads correctly for each link.
* **Expected Result**: Each link should lead to the correct page,and the page should load without errors.

**Actual Result**:

* Clicking on the **"Home"** link redirected me to the homepage as expected.
* Clicking on the **"Sofas",”Chairs”,”Wardrobes”,”Curtains” and “Tables”** to the product listings page, as expected.
* Clicking on the SubNavbar did not show product listing on the page blank page show.

**Status**: **Fail**

### **Test Case 2: Product Search Functionality**

* **Test Case ID**: TC\_02
* **Test Type**: Functional
* **Objective**: Verify that the product search function works as expected.
* **Pre-conditions**: User is on the homepage or a product listing page.
* **Test Steps**:
  1. Enter the product name (e.g., "sofa") in the search bar.
  2. Press the search icon or hit Enter.
  3. Review the results that are displayed.
* **Expected Result**: The search results should display products related to the search term.
* **Actual Result**: The search results does not display products related to the search term.
* **Status**: **Fail**

### **Test Case 3: Add Product to Cart**

* **Test Case ID**: TC\_03
* **Test Type**: Functional
* **Objective**: Ensure users can add a product to the cart.
* **Pre-conditions**: User is logged in or not logged in, and browsing products.
* **Test Steps**:
  1. Open the website<https://furniflexrct.netlify.app/>.
  2. Browse through the product listings or search for a product.
  3. Select the product to view its details.
  4. Click on the "Add to Cart" button.
  5. Navigate to the cart page.
  6. Verify that the selected product appears in the cart.
* **Expected Result**: The product should be successfully added to the cart with correct details like name, price, and quantity.
* **Actual Result**: The product detail page displayed the product name, description, price, and images clearly. The "Add to Cart" button was easily noticeable. However, the text description was slightly small on mobile devices.
* **Status**: **Pass**

### **Test Case 4: Checkout Process**

* **Test Case ID**: TC\_04
* **Test Type**: Functional
* **Objective**: Ensure the checkout process works smoothly.
* **Pre-conditions**: The user has at least one product in the cart.
* **Test Steps**:
  1. Navigate to the cart page.
  2. Click on "Proceed to Checkout."
  3. Fill in the required shipping details (address, contact information).
  4. Select the payment method and enter payment details.
  5. Review the order and confirm the purchase.
* **Expected Result**: The user should be able to successfully complete the checkout and receive an order confirmation.
* **Actual Result**:The user not be able to successfully completed the checkout and receive an order confirmation because payment option is not required when the click the payment option like credit card only popup message show “oder successfully completed”untill and unless i did not my address but show the message.
* **Status**: **Fail**

### **Test Case 5: User Registration and Login**

* **Test Case ID**: TC\_05
* **Test Type**: Functional
* **Objective**: Verify user registration and login functionalities.
* **Pre-conditions**: User is not logged in.
* **Test Steps**:
  1. Click on the "Login/SignUp" link.
  2. Click "SignUp" and fill out the SignUpform (email, password and Confirm Password).
  3. Submit the SignUp form.
  4. Log in using the newly created credentials.
* **Expected Result**: The user should be able to register and log in successfully.
* **Actual Result**:The user should be able to signUp and log in successfully.
* **Status**: **pass**

## **Usability Test Cases**

### **Test Case 6: Homepage Layout and Navigation**

* **Test Case ID**: TC\_06
* **Test Type**: Usability
* **Objective**: Ensure that the homepage layout is intuitive and easy to navigate.
* **Pre-conditions**: User opens the website for the first time.
* **Test Steps**:
  1. Open the website<https://furniflexrct.netlify.app/>.
  2. Observe the layout and organization of the homepage.
  3. Navigate to different sections via the navigation menu.
  4. Assess whether the sections are logically organized and easy to find.
* **Expected Result**: The homepage should have a clean, intuitive layout, with easy access to product categories and other important sections.
* **Actual Result**: The Homepage have a clean,intutive layout,with easy access to product categories and other sections.
* **Status**: **Fail**

### **Test Case 7: Product Details Page Usability**

* **Test Case ID**: TC\_07
* **Test Type**: Usability
* **Objective**: Ensure that the product detail page provides enough information and is easy to read.
* **Pre-conditions**: User is browsing products.
* **Test Steps**:
  1. Click on a product from the homepage or product list.
  2. Review the information presented (product images, description, price, etc.).
  3. Evaluate if the details are clear, easy to understand, and complete.
  4. Ensure the "Add to Cart" button is clearly visible and easy to use.
* **Expected Result**: The product detail page should present all necessary information in an easily readable format, and the "Add to Cart" button should be accessible.
* **Actual Result**: The product detail page displayed the product name, description, price, and images clearly. The "Add to Cart" button was easily noticeable. However, the text description was slightly small on mobile devices.
* **Status**: **Fail**

### **Test Case 8: Cart Usability**

* **Test Case ID**: TC\_08
* **Test Type**: Usability
* **Objective**: Ensure the shopping cart is easy to use and update.
* **Pre-conditions**: User has added a product to the cart.
* **Test Steps**:
  1. Navigate to the cart page.
  2. Review the products in the cart.
  3. Attempt to update the quantity or remove a product from the cart.
  4. Verify that the cart updates correctly with changes.
  5. Ensure the total price is adjusted according to the changes.
* **Expected Result**: The cart should be easy to use, with clear options to modify product quantities or remove items.
* **Actual Result**: The cart page allowed me to update product quantities without issues. When I removed an item, the total price updated correctly.
* **Status**: **Pass**

### **Test Case 9: Mobile Usability (Responsiveness)**

* **Test Case ID**: TC009
* **Test Type**: Usability
* **Objective**: Verify that the website is mobile-friendly and responsive.
* **Pre-conditions**: User accesses the site from a mobile device (smartphone/tablet).
* **Test Steps**:
  1. Open the website on a mobile device.
  2. Navigate through various pages (homepage, product list, product details, etc.).
  3. Observe if the layout adjusts correctly to the screen size.
  4. Ensure that all clickable elements (buttons, links) are easily tappable on a small screen.
* **Expected Result**: The website should display correctly on mobile devices, with no layout issues. All interactive elements should be easy to tap.
* **Actual Result**: The website displayed not correctly on a mobile device with layout issues. All buttons and links were not easily tappable.
* **Status**: **Fail**

### **Test Case 10: Checkout Usability**

* **Test Case ID**: TC010
* **Test Type**: Usability
* **Objective**: Ensure that the checkout process is intuitive and does not confuse users.
* **Pre-conditions**: User has items in the cart.
* **Test Steps**:
  1. Navigate to the cart page and click on "Proceed to Checkout."
  2. Follow through the checkout process (address input, payment method, etc.).
  3. Evaluate if each step is easy to follow and the forms are clearly labeled.
  4. Check if the user is informed at each stage of the process (e.g., total price, estimated delivery date).
* **Expected Result**: The checkout process should be clear, with easy-to-understand forms and instructions at each step.
* **Actual Result**: The checkout process be clear, with complexity and instructions at each step.
* **Status**: **Fail**