## **Test Execution Report**

### **1. Overview**

* **Project Name**: FurniFlex Website Testing
* **Website URL**:<https://furniflexrct.netlify.app/>
* **Test Execution Date**: 21-12-24
* **Tester(s)**: Sourabh Kumar Mishra
* **Test Manager**: Anjali Shaw
* **Testing Type**: Functional,Usability and Performance Testing
* **Test Environment**:
  + Browser(s) Tested: Chrome, Firefox, Safari
  + Device(s) Tested: Desktop, Mobile (iPhone 11, Samsung Galaxy S24)
  + OS: Windows 11, Android, iOS

### **2. Objective of Testing**

To evaluate the functionality, performance, and usability of the website, focusing on:

* Verifying functional requirements (e.g., navigation, search, cart, checkout).
* Ensuring usability aspects (e.g., user-friendliness, responsiveness, mobile optimization).

**3. Test Summary**

| **Test Case ID** | **Test DesCription** | **Expected Result** | **Actual Result** | **Status** |
| --- | --- | --- | --- | --- |
| TC\_01 | Verify Homepage Navigation | Each link should lead to the correct page,and the page should load without errors. | 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. | Fail |
| TC\_02 | Product Search Functionality | The search results should display products related to the search term. | The search results does not display products related to the search term. | Fail |
| TC\_03 | Add Product to Cart | The product should be successfully added to the cart with correct details like name, price, and quantity. | 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. | pass |
| TC\_04 | Checkout Process | The user should be able to successfully complete the checkout and receive an order confirmation. | 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. | Fail |
| TC\_05 | User Registration and Login | The user should be able to register and log in successfully. | The user should be able to signUp and log in successfully. | Pass |
| TC\_06 | Homepage Layout and Navigation | The homepage should have a clean, intuitive layout, with easy access to product categories and other important sections. | The Homepage have a clean,intutive layout,with easy access to product categories and other sections. | Fail |
| TC\_07 | Product Details Page Usability | The product detail page should present all necessary information in an easily readable format, and the "Add to Cart" button should be accessible. | 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. | Fail |
| TC\_08 | Cart Usability | The cart should be easy to use, with clear options to modify product quantities or remove items. | The cart page allowed me to update product quantities without issues. When I removed an item, the total price updated correctly. | Pass |
| TC\_09 | Mobile Usability (Responsiveness) | The website should display correctly on mobile devices, with no layout issues. All interactive elements should be easy to tap. | The website displayed not correctly on a mobile device with layout issues. All buttons and links were not easily tappable. | Fail |
| TC\_10 | Checkout Usability | The checkout process should be clear, with easy-to-understand forms and instructions at each step. | The checkout process be clear, with complexity and instructions at each step. | Fail |

### **4. Test Execution Summary**

* **Total Test Cases**: 10
* **Test Cases Passed**: 3
* **Test Cases Failed**: 7
* **Test Cases Blocked**: 0
* **Test Cases Not Applicable**: 0

#### **Summary of Issues Identified:**

1. **Issue**: Small text on mobile devices in the product detail page.
   * **Severity**: Medium
   * **Impact**: This could affect user experience, especially for users with visual impairments.
   * **Recommendation**: Increase font size or provide a zoom option for better readability on mobile devices.
2. **Issue**: Navigation menu is difficult to tap on mobile devices.
   * **Severity**: High
   * **Impact**: Users may have difficulty navigating the site on mobile, leading to frustration and abandonment.
   * **Recommendation**: Adjust the size and spacing of the navigation links to be more mobile-friendly.

### **5. Test Execution Analysis**

* **Functional Testing**:
  + All core features such as adding products to the cart, Removing products to the cart,Clear Button worked as expected and Home nav Icon successfully worked any issues.These areas are functioning well and meet the expected behavior.
  + User login and SignUp work as expected.
  + But in this SignUp unproperly work sometime not worked as same username and password issue in this website.
  + Checkout process is not working and is not able to do this functionality properly because neither the address is valid nor any details in the payment option..
  + Search button is also not working, I am searching anything like “Sofas” but did not search them blank page open.
* **Usability Testing**:
  + Most aspects of the website are intuitive and easy to navigate. The homepage and product pages are well-organized, providing users with an easy shopping experience.
  + However, issues were observed with mobile usability. Small text and difficulty in tapping navigation items on mobile can hinder the user experience.
  + However, issues were observed with the Subnavbar not well organiszed manner.

### **6. Recommendations for Improvement**

1. **Mobile Usability**:
   * Fix the navigation menu to be more responsive and tappable on mobile devices.
   * Increase the font size or adjust text for better visibility on mobile, especially on product detail pages.
2. **Performance Optimization**:
   * Although not explicitly tested in this cycle, ensure that the website’s load time is optimized for both desktop and mobile views.
3. **Cross-Browser Compatibility**:
   * Further testing could be conducted across a wider variety of browsers to ensure consistent user experience.
4. **Accessibility**:
   * Implement better accessibility features, such as a zoom option for text, for users with visual impairments.

**7. Defect Summary**

| **Defect ID** | **Test Case ID** | **Defect Description** | **Severity** | **Status** | **Assigned To** | **Resolution** |
| --- | --- | --- | --- | --- | --- | --- |
| D001 | TC\_01 | The "NavBar and SubNavBar" does not work when clicked. even after pressing the button SubNavBar Show But did nor work and redirected to the page.. | High | Open | Development Team | Pending Resolution |
| D002 | TC\_02 | The "Search" button on the product detail page is unresponsive. Clicking it does not Search the product . | Critical | Open | Development Team | Pending Resolution |
| D003 | TC\_04 | The "CheckOut" button on the product detail page is unresponsive. Clicking it does not add the address and payment option. | Critical | Open | Development Team | Pending Resolution |
| D004 | TC\_07 | The text on the product detail page is too small to read on mobile devices. This creates difficulty for users trying to read the product description, which can lead to a poor user experience. | Medium | Open | Development Team | Pending Resolution |
| D005 | TC\_09 | The navigation menu is difficult to tap on mobile devices due to the buttons being too small and closely spaced. This results in the user having to zoom in to successfully click on a menu item. | High | Open | Development Team | Pending Resolution |
| D006 | TC\_10 | The "Checkout" button on the product detail page is unresponsive | Critical | Open | Development Team | Pending Resolution |

### **8. Conclusion**

* The website performs well with most features working as expected.
* However, there are usability issues related to the mobile experience (small text and tap difficulties with the navigation menu).
* Functional aspects like adding to the cart, and removing to the cart work without any issues.
* Further work is required to address the usability issues, especially on mobile devices, to ensure a seamless user experience across all platforms.

### **9. Test Execution Sign-Off**

* **Test Lead**: Sourabh Kumar Mishra
* **Date**: 21-12-24