Test Plan

Title: Furrl App

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Overview

The Furrl App aims to provide users with an efficient and enjoyable shopping experience. The current focus is on testing the following pages:

1. **Category Page (e.g., Dresses)**
2. **Product Detail Page**

Scope of Testing

- **Category Page**: This includes testing the display and functionality of items within a category.
- **Product Detail Page**: This includes verifying product details, images, descriptions, pricing, and purchase options.

Test Categories

1. **Functional Testing**
2. **Non-Functional Testing**

Functional Testing

Category Page

- **Navigation**
  - Verify that users can navigate to the Category Page from the home page.
  - Ensure that breadcrumb navigation is functional and accurate.
- **Display**
  - Confirm that all products in the category are displayed correctly.
  - Verify that the product images, names, prices, and ratings are displayed properly.
- **Filtering and Sorting**
  - Test filtering options (e.g., size, colour, price range) to ensure they work as expected.
  - Verify that sorting options (e.g., price low to high, bestsellers) sort products correctly.

Product Detail Page

- **Product Information**

- o Verify that the product image gallery displays all images correctly and can be navigated.
- o Check that product details (name, description, price, availability, size options) are accurate.
- **Add to Cart**
  - o Test the "Add to Cart" button functionality.
  - o Ensure that the correct product and quantity are added to the cart.

Non-Functional Testing

Performance Testing

- **Load Time**
  - o Measure the page load time for both Category and Product Detail Pages.
  - o Ensure that load times are within acceptable limits for both Wi-Fi and mobile data connections.
- **Stress Testing**
  - o Simulate multiple users accessing the pages simultaneously to ensure the app can handle high traffic.

Usability Testing

- **User Interface**
  - o Verify that the layout is consistent and intuitive.
  - o Ensure that text is readable and buttons are easily clickable.
- **Accessibility**
  - o Check that the app is usable with screen readers.
  - o Ensure that all interactive elements are accessible via keyboard.

Security Testing

- **Data Protection**
  - o Verify that sensitive data (e.g., user details, payment information) is encrypted.
  - o Ensure there are no vulnerabilities such as SQL injection or cross-site scripting (XSS).

Prioritization Plan

High Priority

- Functional issues that prevent users from completing a purchase.
- Security vulnerabilities that could compromise user data.
- Critical performance issues that significantly degrade user experience.

Low Priority

- Minor cosmetic issues (e.g., slight misalignment of text or images).
- Enhancement suggestions (e.g., additional filtering options).

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Execution and Reporting

- **Execution**: Test cases will be executed in the given priority order.
- **Reporting**: All defects will be logged in the bug tracking system with detailed descriptions, steps to reproduce, and severity levels.

Conclusion

Furrl App is free of critical defects and provides a seamless shopping experience for users. Testing will cover all functional and non-functional aspects to guarantee a high-quality release.