
SHEIN

E-Commerce Website

Test Plan

This copy printed on:

Document Last Modification Date:

Version:

Revision:

Status:

Document Owner:

Document Author:

Document Reviewer:

April 17, 2024

April 17, 2024

0.1

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Draft

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1 Introduction

1.1 Background

The Test Plan contains a detailed and executable strategy for conducting. It defines the detailed testing objective for the functional aspects, the testing approach, test environment, test conditions, and the test plan.

1.2 Objectives

- The purpose of this document is to outline the testing approach, strategies, and procedures for the comprehensive testing of the SHEIN E-commerce website.
 - To implement a world-class e-commerce website that will significantly provide users with simple, functional and effective way in finding their needed products.
 - Verify the usability of the website.
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2 Test Items

2.1 Scope

- The test plan covers only the testing of all functional aspects of the SHEIN E-commerce website except for the integrated third-party APIs.
- The test will only cover Google Chrome and Microsoft Edge browser in PC as the functional & exploratory testing environment.
- Non-functional testing such as stress, performance or logical database currently will not be tested.
- Automation testing will be done with Selenium.

Table 1: List of functional area and description that will be in scope of testing.

Functional Area	Description
Sign In & Register	An authentication system allowing users to securely create and access their accounts and engage with the platform's features and content
Home	The page that serves as the entry point for users when they visit the site. Typically provides users with an overview of the website's content, navigation options, and links to various sections of the application
Item Detail	A page that solely displays the selected item's information to the user
Cart	A page where users can review and manage items they have selected for purchase before proceeding to checkout. It serves as a virtual container where users can

	temporarily store products they intend to buy while browsing the website
User Detail	A page that shows user information and profile
Wishlist	A feature that allows users to save and track products they are interested in purchasing at a later time
Checkout and Payment	The final step of the purchasing process where users review and confirm their orders and proceed to make payment for their selected items
Browser Compatibility	Comparing user experience on Google Chrome and Microsoft Edge browser.

3 Test Approach

3.1 Approach Summary

- All testing shall be conducted by Document Owner the tester.
 - The testing approach will follow a combination of manual and automated testing techniques.
 - Test data will be generated to simulate real-world usage scenarios.
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4 Test Criteria

4.1 Suspension/Resumption Criteria

Testing will halt for the particular project (or function) when:

- A critical problem is identified and where the potential code fix will require substantial retesting of that function.
- It is identified that the business or technical specifications require major modifications due to escalated test issues and those modifications would require additional test analysis and or modification to the Test Plan.
- Test environments are not available (for any reason) or suffers performance problem below 50% of their normal operating capacity.

4.2 Exit Criteria

Testing will proceed to the next phase of development and denotes a successful completion when:

- Run rate ratio (number test cases executed/total test cases) is 100%.

- Pass rate ratio (numbers test cases passed / test cases executed) for test cases with **critical level** severity is 100%.
- Pass rate ratio (numbers test cases passed / test cases executed) for test cases with **low level** severity is at least 80%.
- Pass rate ratio (numbers test cases passed / test cases executed) for test cases with **medium level** severity is at least 90%.

5 Test Environment

Test environments used in this testing project includes:

- Personal computers with at least i5 processor or equivalent.
 - Google Chrome and Microsoft Edge browsers.
 - Selenium for automated functional testing.
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6 Test Schedule

6.1 Test Scheduling

Table 2: Test Schedule

Test Phases	Duration	April					
		15	16	17	18	19	20
Exploratory Testing	1 day	✓					
Manual Testing	2 days		✓	✓			
Automation Testing	3 days				✓	✓	✓