

Online Apparels shopping Website Testing Plan

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·Introduction

This paper is the test plan of Online Apparels shopping Website testing project. The purpose of this plan is to provide guidance for the management and technical work of system test. Expected reference personnel include testers, developers, project managers, other quality managers and senior managers who need to read this plan.

·Objective

1. Clarify a series of relevant contents such as the content, scope, and strategy of the test, to provide an important basis for the final evaluation system
2. Define the test standards
3. Prepare the arrangement of testers and evaluate the workload
4. Complete the risk assessment
5. Specify the products to be delivered after the test

·Test Strategies

Scope of Testing:

1. Function test: check whether the software can achieve the expected function
2. Performance test: simulate various normal, peak, and abnormal load conditions, and test various performance indexes of the system
3. Compatibility test: test whether the software can run friendly in specific hardware platform, different application software, different operating system platform, different network, and other environments.
4. Security test: check whether the software has security vulnerabilities

Testing type: Agile Testing

·Test Criteria

1. Function: we need to test whether the basic functions of the software are complete. Oriented to meet customer needs
2. Safety: Check whether the user's privacy is encrypted on front-end page and during data transmission; Check for SQL injection vulnerabilities; Check for XSS vulnerabilities; Focus on detection input box
3. User experience: Whether the software meets the user's aesthetic. Whether it is user-friendly, easy to use and good-looking
4. Compatibility: According to different software, check whether different operating systems can operate normally on different platforms, different apps, etc

5. Performance: It mainly consider the response speed of the software and the use scenario of multiple users
6. Reliable: Mainly consider whether it is suitable for long-term operation

·Resource Planning

Human Resources

| Role | Name | Specific Responsibilities |
|---------------------------|------|--|
| Test Manage | ? | Provides management oversight |
| Test Designer | ? | Identifies, prioritizes, and implements test cases |
| System Designer | ? | Executes the cases |
| Test System Administrator | ? | Ensures test environment and asserts are managed |
| Database Administrator | ? | Ensures database and asserts are managed |
| Designer | ? | Identifies and defines the test classes |
| Implementer | ? | Implements and unit tests the test classes |

·Plan Test Environment

1. The development environment, test environment and production environment should be consistent
2. Reality: Try to simulate the user's real use environment
3. Clean: Try not to install software irrelevant to the tested software in the test environment
4. Independence: The test environment and development environment are independent of each other, that is, testers and developers use different servers (database, background server, etc.) to avoid mutual interference

·Schedule & Estimation

1. Write system test plan and assign test tasks: 1 day
2. Write test cases: 7 days
3. Build test environment Development: 1 day
4. Test execution and Test Report: 5 days

·Determine Test Deliverables

| Serial Number | Work Products | Submission Time | Submitter |
|---------------|------------------|-----------------|---------------------------|
| 1 | operation manual | ? | Tester/Business personnel |
| 2 | Test Package | ? | Tester/Developer |
| 3 | Test Daily | ? | Tester |
| 4 | Test Report | ? | Tester |