

Site Best friends

Test Plan

Version 1.0

Revision history

Date	Version	Description	Author
18.01.2022	1.0	Creating	Anastasiia Kviatkovska

Table of Contents

1.	Introduction	4
1.1	Purpose	4
1.2	Source data	4
1.3	Scope	4
2.	Conditions for testing	5
3.	Testing strategy	5
3.1	Testing types	6
3.1.1	Functional testing	6
3.1.2	Cross-browser testing	8
3.1.3	Regression testing and verification of fixed defects	8
3.1.4	Testing the design	9
4.	Testing schedule	9
5.	Final results	10
5.1	Resume	10

1. Introduction

1.1 Purpose

The purpose of this test plan is to describe the testing process of Best friends site (full URL <http://...>). The document allows understanding the planned work on project testing.

1.2 Source data

Best friends – a site that allows the user to get information for contacting the store, read its blog, subscribe to receive news, register and log in as a regular customer, buy and return products.

1.3 Scope

The purpose of testing the Best Friends site is to check the correct operation of all its functions on different versions of browsers with typical use cases. A fraction of the time (30%) will be used to test atypical / potentially error-prone usage scenarios.

The result of the testing process will be the following materials:

§ report of the testing team regarding the general state, giving the developers and managers of this product a picture of the site's correct operation in various browsers;

§ report of the results of testing the current coverage, typical use cases / browsers;

§ documented bugs in the bug tracker of the customer;

Testing will be done manually, by the ad-hoc testing method from the perspective of the end-user of the site.

2. Conditions for testing

The website should satisfy the user's need for activities related to getting information for contact the store, reading its blog, subscribing to receive news, registering and logging in as a regular customer, buying and returning products.

3. Testing strategy

The following test plan is formal, as an understanding of the current state of the project is needed to build a detailed plan. As a result of the first run of functional tests, changes and improvements will be made to the test plan. The first run of the functional tests will give a clear idea of the level of stability of the system and the set of tests that will be performed in each configuration will be clearly defined.

This approach will give an opportunity to get a detailed report on the product being tested and to focus maximum attention on narrow places.

The customer will be provided with daily reports on the progress of testing, defects found, suggestions for improving the work of the product and its design. All detected defects will be reported to the customer's tracker as separate tickets for subsequent correction.

In the process of testing the Best Friends site, ad-hoc testing will be applied due to the lack of strict specification, as well as due to limited resources for the formalization of tests.

Five stages of the testing process are planned:

§ the first stage is to analyze the technical requirements, develop a test plan, and run the functional tests partially;

§ second stage will be devoted to a detailed run of the functional tests with the detection and description of defects;

§ at the third stage, cross-browser compatibility testing will be performed with a description of the defects found;

§ the fourth stage is to check the bugs fixed by the developers and conduct regression testing;

§ the fifth stage is to test the product design with a description of the defects found.

Thus, maximum detailing of the testing depth is achieved, which, in turn, allows to determine the spent resources more accurately, as well as allows project developers to correct defects at the earliest stages.

OS, approved for testing:

§ Windows 10

Browsers, approved for testing:

§ Google Chrome 97.0.4692.71

§ Mozilla Firefox 94.0.2

§ Opera 82.0.4227.43

The security testing and the stress testing are not conducted due to limited resources for the formalization of tests.

3.1 Testing types

3.1.1 Functional testing

Objective:

Identify functional errors, inconsistencies with the requirements and expectations of the user through the implementation of standard as well as non-trivial test scenarios.

Process description:

Registration / Authorization

- § User registration
- § User authorization
- § Password recovery

Profile

- § Profile editing
- § Deletion of the account
- § Cancellation / confirmation of the subscription
- § User logout from the personal account

Blog

- § Opportunity to comment on the article
- § Photo display function

Search

- § Search for goods by name
- § Filter search results
- § Sorting search results

Products

- § Product sorting function
- § Photo display and its zoom functions
- § Product description
- § Add to wish list function
- § Product comparison function
- § Opportunity to choose product characteristic
- § Add to cart function
- § Form for writing the review

Wish list

- § Displaying product characteristic
- § Add to cart function
- § Deletion of the product

Compare

- § Displaying product characteristic
- § Add to cart function
- § Deletion of the product

Cart

- § Changing the quantity of product
- § Deletion of the product
- § Displaying the Total
- § Ordering
- § Continue shopping function

Return form

- § Sending a message
- § Getting an answer

Contact form

- § Sending a message
- § Getting an answer

3.1.2 Cross-browser testing

Objective:

Check the correct operation and design of the project in various browsers.

Browsers

§ Google Chrome 97.0.4692.71

§ Mozilla Firefox 94.0.2

§ Opera 82.0.4227.43

3.1.3 Regression testing and verification of fixed defects

Objective:

Checking the changes made on the site to make sure that the new version does not contain errors in the already tested parts of the site.

In the course of regression testing, the following types of tests will be conducted:

§ Verification Tests

§ Version testing

§ Testing related functionality

3.1.4 Testing the design

Objective:

Verification of product design compliance with specifications

Process description:

§ Registration / Authorization form

§ Personal account

§ Cart

§ Site pages

4. Testing schedule

Task	Workload	Start date	Expiration date
Making a test plan	8 hours	18.01.2022	19.01.2022

Test execution	24 hours	19.01.2022	22.01.2022
Test Analysis	8 hours	22.01.2022	23.01.2022
Summarizing	8 hours	23.01.2022	24.01.2022

5. Final results

5.1 Resume

The final result of the testing should be the complete summary consequence of the testing process with the described defects and recommendations for the improvement of the product from the perspective of the end-user.