Сайт интернет магазина

https://ruchki.in.ua

Test Plan

Version 1.1

Содержание

Revision History

Date	Version	Description	Author
05.01.2019	1.0	Creating	Igor Ivanov
20.01.2019	1.1	Updating	Mariia Smirnova

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1. Introduction

1.1 Purpose

The purpose of the Test Plan is to describe the testing process of the Ruchki site (full address https://ruchki.in.ua). The document allows you to get an idea of the planned work on testing the project.

1.2 Initial data

Ruchki – the site, that helps user buy furniture handles and accessories with delivery in Ukraine, use photo galleries of the products, use feedback.

1.3 Purpose of testing

The purpose of testing Ruchki site is to check the correct operation of all functionality on various versions of browsers with typical scenarios. Approximately 20% of the time will be used to test atypical / potentially error usage scenarios.

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

‒ the conclusion of the testing team regarding the general state, giving the developers and managers of this product a picture of the correctness of the site in various browsers;

− report on the results of testing the current coverage typical use cases / browsers;

− documented bugs in customer's bugtracker.

Testing will be done manually, by the method of "informal" testing (ad-hoc testing) from the perspective of the end user of the application.

2. Testing conditions

The website must be friendly the user's need for activities related to viewing photo galleries, news about events, participation in contests, promotions and receiving prizes.

3. Testing process strategy

The following test plan is a formal one, since to build a detailed plan, an understanding of the current state of the project is necessary. As a result of the first run of the functional tests, changes and improvements will be made to the test plan. The first run of the functional tests will give us 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 provide 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 robots of the product and its design. All detected defects will be recorded as separate tickets for subsequent correction in the customer's bugtracker.

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

Five stages of the testing process are planned:

-the first stage consists in the analysis of the TOR, the preparation of a test plan, as well as a partial run of the functional tests;

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

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

-the fourth step is to check the bugs solved by the developers and conduct regression testing;

-the fifth stage consists in testing the product design with a description of the defects found.

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

Validated OS:

- Windows 7
- MAC OS

Scan-approved browsers:

−   Internet Explorer 11

−   Google Chrome (latest)

−   Opera (latest)

−   Firefox (latest)

−   Safari (latest)

Security testing and stress testing is not conducted due to lack of testing time.

3.1   Test types
3.1.1   Layout testing

Purpose:

Check the availability and proper location of elements according to the requirements.

Process description:

Check the correctness of the version on all pages of the site.

3.1.2   Functional testing

Purpose:

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

3.1.3   Cross-browser testing

Purpose:

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

Browsers:

- Internet Explorer 11
- Google Chrome (latest)
- Opera (latest)
- Firefox (latest)
- Safari (latest)

3.1.4   Testing on mobile devices

Purpose:

Testing the layout and functionality on various mobile devices

Devices approved for verification:

- Samsung Galaxy 84, Android 4.4.2, 1920x1080;

- Samsung J2 Prime, Android 6.0 (Marshmallow), 540 x 960

Also, testing using emulators will be conducted on devices:

- Iphone 6 Plus, iOS 8.0, 1920x1080;
- Iphone 6, iOS 8.0, 750x1334;
- MS Lumia 640, Windows phone, 12g0x720;
- lpad Air, iOS 6, 1536x2048;
- Ipad Mini, iOS 6, 768x1024.

During testing in emulators bags may not reproduced on real devices, and vice versa.

4. Work plan

Task	Scope of work	Start date	Expiration date
Making the test plan		10.01.2019	
Making the check list		10.01.2019	
Test execution		10.01.2019	

5. Final results

The final result of the testing should be the final result of the testing process with described defects, as well as recommendations on product improvement from a point of view of a finite product.

50 bugs were listed in the BT Mantis.

- 1 – Critical
- 10 - Major
- 10 - Minor
- 29 - Trivial

In addition, found 10 "Page not found - 404" bugs.