QA testing

**Site www.repeattravel.com
Test Plan**

Version 1.0

Revision History

Date	Version	Description	Author
11/10/2022	1.0	Creating	Marharita S.V.
12/10/2022	1.1	Updating	Dmitry P.O.
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Test Plan

1. Introduction

The purpose of this Test Plan is to describe the testing process www.repeattravel.com web-site. The document allows to get information of the planned work on testing the project.

1.1 Purpose

The purpose of testing the www.repeattraavels.com site is to check the correct operation of all its functionality on different versions of browsers with typical scenarios for its use. Part of the time (approximately 20%) will be used to test atypical/potentially buggy use cases.

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

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

- Report on test results of current coverage, typical usage scenarios/browsers;

- Documented bugs in the customer's bug tracker.

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

1.2 Background

Repeattravels.com- is a web-site about traveling that provides the site visitor with information about culture, tutorials on visiting Asian countries, personal recommendations, the opportunity to share one's own experience with others, and other useful information.

2. Requirements for Testing

The website should satisfy the user's needs for activities such as viewing news, recommendations, photos, introductory materials, subscribing, sharing information with other site visitors, the ability to follow the news using auxiliary links / social media and the ability to contact the author.

3. Test Strategy

The following test plan is a formal one, so understanding the current state of the project is required 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 functional tests will give a clear indication of the level of stability of the system and will clearly define the set of tests that will be performed on each configuration.
This approach will provide an opportunity to get a detailed report on the tested product and focus maximum attention on bottlenecks.
The customer will be provided with daily reports on the progress of testing, defects found, suggestions for improving the product and its design. All detected defects will be entered into the customer's bug tracker in the form of separate tickets for subsequent correction.
In the process of testing the ww.repeattravels.com site, ad-hoc testing will be applied due to the lack of a strict specification, as well as due to limited resources for formalizing tests.
Five stages of the testing process are planned:
- the first stage consists in the analysis of technical specifications, drawing up a test plan, as well as a partial run of 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 will be tested with a description of the defects found;
- the fourth stage is checking the bugs solved by the developers and conducting regression testing;
- the fifth stage is to test the product design with a description of the defects found.

Thus, the maximum specification of the depth of testing is achieved, which, in turn, allows you to more accurately determine the resources expended, and also allows project developers to fix defects at the earliest stages.

OS approved for verification:
- Windows 10 Pro
- iOS 16.0.2
  Browsers approved for verification:
- Google Chome 105.0.5195.127
- Opera 91.0.4516.65
- Firefox 105.0.3
- Safari 16.0.2

3.1 Testing Types

3.1.1 Function Testing

Test Objective:
Ensure proper target-of-test functionality, including navigation, data entry, processing, and retrieval.
Technique. Execute each use case, use-case flow, or function, using valid and invalid data, to verify the following:
- The expected results occur when valid data is used.
- The appropriate error or warning messages are displayed when invalid data is used.
- Each business rule is properly applied.

Process description:
Home:
- Cancel/Confirm Subscription.
- Performance of clickable elements.
- Social media links.
- Sharing articles in all proposed social networks.
- Displaying pictures.
- Zooming.
- News date display.
- Cursor response to clickable elements.

My Travel Accessories:
- Cancel/Confirm Subscription.
- Performance of clickable elements.
- Social media links.
- Sharing articles in all proposed social networks.
- Displaying pictures.
- Zooming.
- News date display.
- Cursor response to clickable elements.
- Travel Insurance:
- Cancel/Confirm Subscription.
- Performance of clickable elements.
- Social media links.
- Sharing articles in all proposed social networks.
- Displaying pictures.

- Zooming.
- News date display.
- Cursor response to clickable elements.

Guest Blog Post:
- Text field.
- Verification of required inputs data.
- Validation message under invalid data.
- Link prefix.
- Text area.
- Multiple selector.
- Dropdown.
- Auxiliary input elements.
- Upload file.
- Captcha.
- Table scaling for textual information.
- Send a message.
- Cancel/Confirm Subscription.
- Performance of clickable elements.
- Social media links.
- Sharing articles in all proposed social networks.
- Displaying pictures.
- Zooming.
- News date display.
- Cursor response to clickable elements.
- Edit/delete post.

About:
- Open/Close picture.
- Performance of clickable elements.
- Social media links.
- Sharing articles in all proposed social networks.
- Displaying pictures.
- Zooming.
- Cursor response to clickable elements.

Contact me:
- Text field.
- Verification of required inputs data.
- Validation message under invalid data.
- Table scaling for textual information..
- Submit information.
- Performance of clickable elements.
- Social media links.
- Sharing articles in all proposed social networks.
- Displaying pictures.
- Zooming.
- Cursor response to clickable elements.

"Search" field:
- Performance and correctness information search (opening it on the page and opening all its attributes).
- Clickability of the button.

3.1.2 Cross-Browser Testing

Test Objective:
Verify the correct operation of the www.repeattravel.com site specified in the specification and design of the project in various browsers.

Browsers approved for verification:
- Google Chome 105.0.5195.127
- Opera 91.0.4516.65
- Firefox 105.0.3
- Safari 16.0.2

3.1.3 Regression Testing

Test Objective:
Checking the site for errors as a result of changes made to the site in order to make sure that the new version does not contain errors in the already tested sections of the site.
Regression testing includes, the following types of tests will be performed:
- Verification tests.
- Version testing.
- Testing related functionality.

3.1.4 Testing the desing

Test Objective:
Verification of product design in accordance with mockup requirements.
Process description:
- Pages the site
- Email to the user
- Subscription

3.2 Tools

The following tools will be employed for this project:

	Tool	Vendor/In-house	Version
Test Management	TestLink		
Defect Tracking	Jira		
Test Coverage Monitor or Profiler	Checklists/Test-cases		

4. Testing schedule

Task	Workload	Start date	Expiration date
Making a test plan	8 hours	11.10.2022	11.10.2022
Test execution			
Test Analysis			
Summarizing			
Total			

5. Final results

5.1 Resume

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

The result of testing will be possible materials:

- Conclusion of the testing group regarding the general condition, giving developers and managers of this product regarding the performance of the site;
- Test results report for the current version;
- Recommendations regarding places in the product and working conditions (environments, use cases) that, in the opinion of the team testing may contain errors;
- Bugs are in the bug tracker or document with all bugs exported from the issuer's bug tracker.