**Test Plan**

**Project “Animal Music -** [**https://www.animalmusicweb.com**](https://www.animalmusicweb.com/) **”**

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1. Document changes

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| --- | --- | --- |
| **Date** | **Author** | **Changes** |
| September 10, 2021 | Victor Kalininskiy | Test plan creation |
| March 29, 2022 | Victor Kalininskiy | Test plan correction before pushing to GitHub |
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1. Introduction

The purpose of this Test Plan is to describe the testing process for the site Animal Music -

[https://www.animalmusicweb.com](https://www.animalmusicweb.com/)

1. Scope

Perform the next:

For Login and Order fields:

* Positive testing of the application (correct steps, correct data)
* Negative testing ( entering non valid data)

For the whole system:

* Functional testing
* Cross browser testing
* Usability testing
* Testing the user interface

1. Test environment

|  |  |
| --- | --- |
| **Browsers** | Mozilla Firefox, Chrome, Safari, Edge, IE 11 |
| **Operating Systems** | Windows 10, Windows 8, mac OS 10.14 Mojave |
| **Display resolutions** | 1920x1080, 1440x900, 1366x768 |

1. Test site functionality

The following functionality of the site will be tested:

* Sign up - high priority;
* Links in header - high priority;
* ‘Wear’ module ( Order shirt ) - high priority;
* 'Work' module - high priority;
* 'Contact' module - high priority;
* Links in footer - low priority.

Load and penetration testing will not be carried out due to the lack of agreement with site owner(s).

1. Configurations\*

|  |  |
| --- | --- |
| **Desktop PC**, 24' screen size | Windows 11, Windows 10, Windows 8 (VM) |
| **Laptop Macbook Pro**, 13' screen size | Mac OS 10.14 Mojave |

\*Due lack/not working equipment, some tests can be done using Virtual testing devices

1. Testing process

For maximum coverage of the site with tests, it is assumed preparation of test scenarios and test cases.

1. Entry And Exit Criteria

Testing can be started if the following conditions are met:

* The necessary documentation is ready and approved;
* All the standard software and testing tools must have been successfully installed,

functioning properly and ready for testing.

Testing is completed, if the following conditions are met:

* All high-risk areas have been fully tested, with only minor residual risks left outstanding.
* All found defects are documented.

1. Suspension criteria

* Software/Hardware problems.
* Significant change in requirements suggested by client.

1. Work plan ( manual testing )

|  |  |  |  |
| --- | --- | --- | --- |
| **Task** | **Time** | **Start date** | **End date** |
| Completion test plan and test scenarios | 7.5 hour | 09.09.2021 | 09.09.2021 |
| Correction test plan and test scenarios | 1 hour | 10.09.2021 | 10.09.2021 |
| Tests completion | IE 11 – 7.5 hour  Mozilla Firefox, Chrome, Safari,  Edge  – 4 hour each | 10.09.2021 | 13.09.2021 |
| Writing bug reports | 4 hour | 14.09.2021 | 14.09.2021 |

1. Risks and limitations

Due bussiness requirements are not available, test cases have to be designed using ‘common sense’ requirements and values taken from Internet.

Due to limited resources, we can guarantee the correct display of the site only on devices that are indicated in the “Test environment" table - ''Display resolutions'' cell.

1. Test documentation and tools

After the end of testing, it is planned to have the following documents:

* Test plan
* Test scenarios
* Bug reports

Test documentation tools: Microsoft Word, Microsoft Excel, JIRA.