NoaNodz

Software Test Document (STD)

Version 2.0

[

Document Preparation

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Role** | **Approval (Signature)** | **Approval Date** |
| Amado Lazo | Technical Manager, Developer | Amado Lazo | 11/02/2022 |
| Kevin White | Project Manager, Developer | Kevin White | 11/02/2022 |
|  |  |  |  |
|  |  |  |  |

Document Approvals

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Role** | **Approval (Signature)** | **Approval Date** |
| Kathryn Compton | Documenter, Designer, Tester | Kathryn Compton | 11/10/22 |
| Elizabeth Rubio | Documenter, Designer, Tester | Elizabeth Rubio | 11/010/22 |
| Orlando Gomez | Developer, Designer | Orlando Gomez | 11/10/22 |
| Jennifer Vasquez | Developer, Designer, Tester | Jennifer Vasquez | 11/10/22 |

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 10/09/22 | 1.0 | First Version of Test Document | Kevin White |
| 11/10/22 | 2.0 | Second Version of test Document | Kevin White |
|  |  |  |  |
|  |  |  |  |

Table of Contents

1. Introduction 5

1.1 Purpose of the Document 5

1.2 Scope of the Document 5

1.3 References 5

1.4 Definitions, Acronyms, and Abbreviations 5

2. Product Scope 5

3. Test Planning 5

3.1 Responsibilites 5

3.2 Test Schedule 6

4. Test Preparation 6

4.1 Test Environment 6

5. Test Cases 6

5.1 Test Cases 6

6. Appendix A – Test Case to Requirements Traceability 7

7. Appendix B – Test Case 1 – User Interface Test 7

8. Appendix C – Test Case 2 – Login Test 8

# Introduction

## Purpose of the Document

The purpose of this document is to document the software test related activities and test cases for the project NoaNodz.

## Scope of the Document

This document gives 4 test cases tested by two Users/Customers

## Definitions, Acronyms, and Abbreviations

N/A

# Product Scope

This project's scope is to let users listen to their song of choice on our platform through embeds, so they can use their streaming subscription of choice.

# Test Planning

One of the issues related to testing, was that user test 2 did not have an account for any streaming platform, however, they were still able to use SoundCloud to listen.

## Responsibilities

|  |  |  |
| --- | --- | --- |
| **Role** | **Name** | **Responsibilities** |
| Test Engineer | Kevin White | Prepares the test cases under the direction of the test manager. |
| Developer | Amado Lazo, Orlando Gomez, Jennifer Vasquez | Supports the test engineers during the tests. Fixes the defects/bugs if identified during tests. Stay in the loop for the testing process. |
| Test Manager | Kevin White | Plans and coordinates all testing activities. Manages the testing team and test engineers. Take corrective action related to the testing activities if needed. Informs the project manager and technical manager regarding the test progress. |
| Customer/User Representative | Katelynn Blando, Julie Sanchez | Approves software test document, reviews test cases, and support the testing process if possible. |
| Requirements Manager | Kate Compton, Elizabeth Rubio | Approves software test document, reviews test cases, and support the testing process if possible. |
| Technical Manager | Amado Lazo | Ensures that all teams (project team members) work in tandem to achieve a successful testing process. |

## Test Schedule

|  |  |  |
| --- | --- | --- |
| **Test Case** | **Scheduled Date** | **Actual Date / Duration** |
| TC-1 | 11/10/2022 | 10/11/2022 – 10 min |
| TC-2 | 11/10/2022 | 10/11/2022 – 10 min |
| TC-3 | 11/10/2022 | 10/11/2022 – 10 min |
| TC-4 | 11/10/2022 | 10/11/2022 – 10 min |

# Test Preparation

All that is needed for the test is a computer with a working OS, and an internet connection.

## Test Environment

There where two test incitements, one at home, where we tested on the user’s computer. We gave them the link to our website to see how it ran on there computer at home on their internet connection.

The second test environment is at work on a work internet connection using a user’s work computer.

The test will run on a laptop in the laboratory. No special equipment is needed. No additional testing software will be used. Etc.

# Test Cases

## Test Cases

|  |  |  |
| --- | --- | --- |
| **Test Case ID** | **Test Case Name** | **Description** |
| TC-1 | User Interface Test | This test case verifies that all user interface elements work as intended on all of the webpages and all of the links. |
| TC-2 | Scaling Test | This test case verifies that the UI looks correct on multiple screen sizes, for the chosen internet browser |
| TC-3 | Embed Test | Make Sure user can listen to any of the embeds through the song/album page of the chosen song |
| TC-4 | External Login Test | If user is logged into there streaming platform of choice, they should be able to listen to FULL song of choice. |

# Appendix B – User Tests

## User Interface Test

|  |  |
| --- | --- |
| **Test Case ID** | TC-1 |
| **Test Case Name** | User Interface Test |
| **Brief Description** | This test case verifies that all user interface elements work as intended. |
| **Planned Test Duration** | 10 min |
| **Current Version** | 2.0 |
| **Date of Last Version** | 11/10/2022 |
| **Created By** | Kevin White |
| **Last Update By** | 11/10/2022 |
| **Approved By** | Elizabeth, Kate |
| **The version of Software Under Test** | 0.9 |
| **Test Engineer to Conduct the Test** | Kevin White |
| **List of Test Support Software** | Google Chrome |
| **List of Test Support Hardware** | Basic Laptop/Computer |

**Test Case 1 Scenario**

|  |  |  |  |
| --- | --- | --- | --- |
| Test Step Number | Input | Expected | Result (Pass/Fail) |
| 1 | Run the application. | The application starts running. | Yes |
| 2 | Test headers | Headers take user to the appropriate page | Yes |
| 3 | Test Links | All Links for songs/albums/artists work | Yes |

**Test Case 2 Scenario**

|  |  |  |  |
| --- | --- | --- | --- |
| Test Step Number | Input | Expected | Result (Pass/Fail) |
| 1 | Run the application. | The application starts running. | Pass |
| 2 | Test headers | Headers take user to the appropriate page | Pass |
| 3 | Test Links | All Links for songs/albums/artists work | Pass |

## Scaling Test

|  |  |
| --- | --- |
| **Test Case ID** | TC-2 |
| **Test Case Name** | Scaling Test |
| **Brief Description** | Test that test works on all browsers at different scales |
| **Planned Test Duration** | 10 min |
| **Current Version** | 2.0 |
| **Date of Last Version** | 11/10/2022 |
| **Created By** | Kevin White |
| **Last Update By** | 11/10/2022 |
| **Approved By** | Elizabeth, Kate |
| **The version of Software Under Test** | 0.9 |
| **Test Engineer to Conduct the Test** | Kevin White |
| **List of Test Support Software** | Google Chrome |
| **List of Test Support Hardware** | Basic Laptop/Computer |

**Test Case 1 Scenario**

|  |  |  |  |
| --- | --- | --- | --- |
| Test Step Number | Input | Expected | Result (Pass/Fail) |
| 1 | Run the application. | The application starts running. | Yes |
| 2 | Works on Google, Firefox, Edge | To Run on all popular internet platforms | Yes |
| 3 | Scaling | Works at different scales on the user’s screen | Fail |

**Test Case 2 Scenario**

|  |  |  |  |
| --- | --- | --- | --- |
| Test Step Number | Input | Expected | Result (Pass/Fail) |
| 1 | Run the application. | The application starts running. | Pass |
| 2 | Works on Google, Firefox, Edge | To Run on all popular internet platforms | Pass |
| 3 | Scaling | Works at different scales on the user’s screen | Fail |

## Embed Test

|  |  |
| --- | --- |
| **Test Case ID** | TC-3 |
| **Test Case Name** | Embed Test |
| **Brief Description** | Test that test works on all browsers at different scales |
| **Planned Test Duration** | 10 min |
| **Current Version** | 2.0 |
| **Date of Last Version** | 11/10/2022 |
| **Created By** | Kevin White |
| **Last Update By** | 11/10/2022 |
| **Approved By** | Elizabeth, Kate |
| **The version of Software Under Test** | 0.9 |
| **Test Engineer to Conduct the Test** | Kevin White |
| **List of Test Support Software** | Google Chrome |
| **List of Test Support Hardware** | Basic Laptop/Computer |

**Test Case 1 Scenario**

|  |  |  |  |
| --- | --- | --- | --- |
| Test Step Number | Input | Expected | Result (Pass/Fail) |
| 1 | Deezer | Deezer connects song/album | Pass |
| 2 | Spotify | Spotify connects song/album | Pass |
| 3 | Apple | Apple connects song/album | Pass |
| 4 | SoundCloud | SoundCloud connects song/album | Pass |

**Test Case 2 Scenario**

|  |  |  |  |
| --- | --- | --- | --- |
| Test Step Number | Input | Expected | Result (Pass/Fail) |
| 1 | Deezer | Deezer connects song/album | Pass |
| 2 | Spotify | Spotify connects song/album | Pass |
| 3 | Apple | Apple connects song/album | Pass |
| 4 | SoundCloud | SoundCloud connects song/album | Pass |

## External Login Test

|  |  |
| --- | --- |
| **Test Case ID** | TC-4 |
| **Test Case Name** | External Login Test |
| **Brief Description** | Test if external login gives you embed access on our website |
| **Planned Test Duration** | 10 min |
| **Current Version** | 2.0 |
| **Date of Last Version** | 11/10/2022 |
| **Created By** | Kevin White |
| **Last Update By** | 11/10/2022 |
| **Approved By** | Elizabeth, Kate |
| **The version of Software Under Test** | 0.9 |
| **Test Engineer to Conduct the Test** | Kevin White |
| **List of Test Support Software** | Google Chrome |
| **List of Test Support Hardware** | Basic Laptop/Computer |

**Test Case 1 Scenario**

|  |  |  |  |
| --- | --- | --- | --- |
| Test Step Number | Input | Expected | Result (Pass/Fail) |
| 1 | Pre-Login | Users can only listen to part of the song | Yes |
| 2 | Login | User logs into streaming play form of choice | Pass |
| 3 | Open Application Again | The user should be able to open our website again | Pass |
| 4 | Listen | The user should be able to listen to the FULL song | Pass |

**Test Case 2 Scenario**

|  |  |  |  |
| --- | --- | --- | --- |
| Test Step Number | Input | Expected | Result (Pass/Fail) |
| 1 | Pre-Login | Users can only listen to part of the song | Pass |
| 2 | Login | User logs into streaming play form of choice | Fail |
| 3 | Open Application Again | The user should be able to open our website again | Fail |
| 4 | Listen | The user should be able to listen to the FULL song | Fail |