

**Site** [**Deezer.com**](https://www.deezer.com/)

**Test Plan**

**Version 1.0**

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| Site Deezer.com | Version 1.0 |
| Test plan | Date: 17.05.2021 |
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**Revision history**

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| **Date** | **Version** | **Description** | **Author** |
| 17.05.2021 | 1.0 | Creating | Ivan Kudryavtsev |

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**1.Introduction**

**1.1 Purpose**

The purpose of this test plan is to describe the testing process of the Deezer.com site (full URL [http://deezer.com](http://qatestlab.com/)). The document helps to get an idea of the planned work on project testing.

**1.2 Source data**

Deezer.com is a site that allows the user to listen to music in the stream format, on different devices, whether online or offline. The most famous labels like: Sony, EMI, Warner Music Group, Universal Music Group are represented here.

**1.3 Scope**

The purpose of testing the Deezer.com 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 (20%) 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, but the ad-hoc testing method from the perspective of the end user of the site.

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**2. Condition testing**

The website should satisfy the user's need for activities related to viewing news about events, photo galleries, familiarization with training materials, and ordering company services.

**3. Testing strategy**

The following test plan is formal, as 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 Deezer.com 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.

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**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
* Windows 7
* MAC OS X 10.11 El Capitán
* MAC OS 10.12 Sierra
* Linux Gnome

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* Linux Mint
* Linux Ubuntu

**Browsers, approved for testing:**

* Google Chrome 90.0.4430.212
* Opera 76.0.4017.123
* Firefox 88.0.1
* Safari 14
* Brave 1.24.85
* Edge 90.0.818.62

The security testing and the stress testing are not conducted due to lack of testing time.

**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:**

**Authorization:**

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* User registration
* User registration by “Google” account
* User registration by “Facebook” account
* Password recovery
* Age choose
* Identity choose
* “I’m not a robot check”

**Profile:**

* Profile editing
* Deletion of the account
* Notification preference editing
* Country selection
* Manage my exclusions
* Activate a code
* User logout from the system
* Dark mode on/off
* Notification presence

**Search:**

* Search by band name
* Search by song name

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* Search by album name
* Search by playlist name (if playlist settings is no private)

**Flow function (an infinite mix of favourites and new tracks):**

* The “Flow” button presence on the main page
* Streaming function
* Music playback
* Stopping music
* Skipping tracks
* Inability to rewind the flowing track
* Inability to skip more than five songs
* “[Subscribe to Deezer Premium to get unlimited skip](https://www.deezer.com/en/offers)” massage appears after skipping five songs

**Player:**

* Play/pause button
* Next track button
* Previous track button
* Rewind option
* View lyric icon
* Add to favorite tracks icon
* Remove from favorite tracks icon

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* Repeat the current track icon
* Volume control
* Chromecast service

**Favorite tracks:**

* Presence of added songs to “favorite track” menu
* Sorting songs by: Manual / A-Z / Recent added
* Search within tracks option
* Options with songs: delete, add to playlist, listen next, add to queue, share, report a problem

**Playlist:**

* Create a new playlist option
* Presence of created playlists
* Sorting songs by: Manual / A-Z / Recent added
* Search within playlist option
* No border quantity for playlist creation
* Maximum 2000 tacks can be added to a playlist

**Album:**

* Add a new album option
* Presence of added album in “Album” menu

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* Sorting albums by: Manual / A-Z / Recent added
* No border quantity for adding albums
* Album contains actual band songs

**Artist**

* Add a new artist option
* No border quantity for artist adding
* Artist BIO block
* Discography of an artist
* Top track of the artist
* Streaming MIX of an artist song
* Similar artists recommendation

**Subscribe:**

* Free trial for 30 days option
* Three paid subscriptions: 3,99 / 4,99 / 5,99 € per month
* Year subscription for 35,91 €
* Buy a gift certificate option

**Help:**

* Forum presence
* Create a topic option

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* Help center
* Request to tech support
* Adding a comment
* Deleting a comment

**3.1.2 Cross-browser testing**

**Objective:**

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

* Google Chrome 90.0.4430.212
* Opera 76.0.4017.123
* Firefox 88.0.1
* Safari 14
* Brave 1.24.85
* Edge 90.0.818.62

**3.1.3 Regression testing and verification of fixed defects**

**Objective:**

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

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

* Verification Tests
* Version Verification Testing
* Testing in a new build already fixed bugs in old builds

**3.1.4. Testing the design**

**Objective:**

Verification of product design compliance with specifications

**Process description:**

* Registration form
* Personal account
* Site pages
* Favicon of the site
* Feedback form

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**4. Testing schedule**

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| **Task** | **Workload** | **Start date** | **Expiration date** |
| Making a test plan | 18 hours | 18.05.2021 | 20.05.2021 |
| Test execution | 27 hours | 20.05.2021 | 25.05.2021 |
| Test analysis | 18 hours | 25.05.2021 | 27.05.2021 |
| Summarizing | 18 hours | 27.05.2021 | 29.05.2021 |

**5. Final results**

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.