**LINKAVIE®**

Test Plan

**CodeTiburon**

Kharkov, Ukraine

Tel.: (057) 702-05-96

E-mail: contact@codetiburon.com

www.codetiburon.com

Contact Information

|  |  |
| --- | --- |
| To: | From: |
| Company Name | Author: <Full Name> |
| Company Address | Contact Email: <Email address> |
| Company City | Contact Phone #: <Phone number> |
| Company Country |  |
| Company Web Site | Contact Person: |
| Contact Person: <Name> | Contact Email: |
| Contact Person’s Email: <Email> | Contact Phone #: |
| Contact Person’s Phone #: <Phone number> |  |

revision history

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Version | Description | Author |
| 2013-Dec-08 | V0.0 | Creation of case set for Alpha. |  |
| 2013-Dec-12 | V 0.1 | Home page-Landing page. |  |
| 2013-Dec-20 | V 0.2 | Home page-Personal page. |  |
| 2014-Jan-14 | V0.3 | Multimedia vault. |  |
| 2014-Jan-31 | V 0.4 | Life album/Library. |  |
| 2014-Feb-05 | Alpha | Alpha candidate. |  |

1. Introduction

The present Test Plan describes the strategy and methods of testing, which will be used by QA Software Engineer to confirm the quality of the product. The document can be elaborated during the project and if there is additional information.

2. Release Information

|  |  |
| --- | --- |
| Release Date | Release Number |
| 05.02.2014 | Build Alpha |

3. Approval Information

|  |  |
| --- | --- |
| Created/Changed by QA: | Andrew Najdenov |
| Approved by PM: |  |

4. Test Schedule and Milestones

|  |  |  |
| --- | --- | --- |
| **Phase** | **Start Date** | **End Date** |
| Create test set | 2013-Nov-27 | 2013-Dec-06 |
| Elaboration test set | 2013-Dec-09 | 2013-Dec-11 |
| Feature tests and case regression in the scope of V0.1. | 2013-Dec-12 | 2013-Dec-12 |
| Bug fixing/verification\_regression, Ad-hoc testing of V 0.1. Integration testing. Compatibility testing. | 2013-Dec-13 | 2013-Dec-18 |
| Feature tests and case regression in the scope of V 0.2. | 2013-Dec-19 | 2013-Dec-19 |
| Bug fixing/verification\_regression, Ad-hoc testing of V 0.2. Integration testing. Compatibility testing. | 2013-Dec-20 | 2014-Jan-12 |
| Feature tests and case regression in the scope of V 0.3. | 2014-Jan-13 | 2014-Jan-13 |
| Bug fixing/verification\_regression, Ad-hoc testing of V 0.3. Integration testing. Compatibility testing. | 2014-Jan-14 | 2014-Jan-29 |
| Feature tests and case regression in the scope of V 0.4. | 2014-Jan-30 | 2014-Jan-30 |
| Bug fixing/verification\_regression, Ad-hoc testing of V 0.4. Integration testing. Compatibility testing. | 2014-Jan-31 | 2014-Feb-02 |
| Feature tests and case regression in the scope of Release candidate. | 2014-Feb-03 | 2014-Feb-05 |

5. Test Scope

5.1 Home page - Landing page - (V 0.1)  
  
New features to be tested in V0.1:

* Home page (Landing page)
* Login
* Registration
* Footer

Main functionality and previous features to be tested:  
  
Login and registration function should be tested here. Redirection from all links should be tested also.  
  
**Features not to be tested:**All the features and functionality that are not listed above will not be tested.

5.2. Home page – Personal Home page (V 0.2)  
  
New features to be tested in V0.2:

* View of Home page (Personal)
* View of 'My account
* Edit picture on 'My account'
* Add contacts (manually via e-mail)
* Invitation
* Setup a friendship

**Main functionality and previous features to be tested:**

All new functionality which will be implemented in this build should be tested. In additional redirecting to the Home page (Personal) after or authorization should be tested also.

**Features not to be tested:**

All the features and functionality that are not in scope V 0.1 and V. 0.2 will not be tested.

5.3 Multimedia Vault (V 0.3)  
  
New features to be tested in V0.3:

* Picasa like visual basis picture implementation
* Dynamic information
* Import picture wizard (existed/new folder)
* Creating new album page while importing the pictures
* Rename a picture(s)
* Move selected file(s) to another folder
* Edit folder properties
* Edit picture descriptions
* TempShare/email share
* Add/remove folder

**Main functionality and previous features to be tested:**

All new functionality which will be implemented in this build should be tested. In additional navigation between modules which will be implemented in this build and with the modules which will be implemented in previous ones should be tested also.

**Features not to be tested:**

All the features and functionality that are not in scope V 0.1, V0.2 and V. 0.3will not be tested.

5.4 Life Album (V 0.4)

New features to be tested in V0.4:

* Default user life album
* Album summary
* Page navigation
* Carrousel +Preview/slideshow of the carrousel pictures
* Create a new life album
* Add/edit/delete pages (pictures/text)
* Friend album/environment access from the contact view
* Make a post on Facebook with link to view a page /Share page (basic)
* Share page/ chapter/ album inside Linkavie

**Main functionality and previous features to be tested:**

All new functionality which will be implemented in this build should be tested. In additional interaction between modules which will be implemented in this build and with the modules which will be implemented in previous ones should be tested also.

5.5. Back office - Alpha (Alpha)

New features to be tested in alpha:

* List of users
* Add/delete user
* Edit all profile fields or user settings
* Google Analytics
* Storage used (Average per user/total)

**Main functionality and previous features to be tested:**

All new functionality which will be implemented in this build should be tested. All tasks, which in scope of alpha should be tested also

6. Test Strategy

This chapter describes the recommended testing approach and gives the answers for the questions like how the project will be tested and why such strategy being implemented. It also enumerates required testing techniques and specific environment that should be created in order to perform testing properly.

* 1. Quality Goal

Testing should make sure that all new improvements are implemented with high quality, have no negative effect on existing functionality.

* 1. Testing types

Types of testing that will be performed for the version: Functional, Regression, Integration, Comatibility

* 1. Environment for testing

All test cases should be run using the following environments:

* Windows 7 with Firefox (build at least 25.0.1 ) installed, IE 10 installed, Chrome (build at least 31.0.1650.57)installed, Opera (build at least 18.0.1284.49)installed, Safari (build at least 6.0.5)installed
* Windows 7 with sp and IE 11 installed
* Windows 8 with Firefox (build at least 25.0.1 ) installed, IE 11 installed, Chrome (build at least 31.0.1650.57)installed, Opera (build at least 18.0.1284.49)installed, Safari (build at least 6.0.5)installed
* Windows 8 with IE10 installed
  1. Responsibilities

QA:

* Test cases creation in Redmine;
* Update all available automatic and manual tests;
* Running test cases from Redmine;
* Bug tracking;
* Provide weekly update to QA manager, PM on status of testing.

7. Test Runs

Test sets will be added later.

8. Release Criteria

* All the new release features were implemented and tested successfully.
* Regression tests were passed.
* There are no open critical bugs.
* There are no a lot of not critical bugs.

9. Application testing results

* 1. Testing results

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test set** | **Number** | **Passed** | **Failed** | |
| Critical | Not critical |
| FV |  |  |  |  |
| BFV\_Regression |  |  |  |  |
| RC |  |  |  |  |
| RC\_Sanity check |  |  |  |  |

* 1. Testing statistics

|  |  |
| --- | --- |
| **Total tests in database** | **Test cases coverage (%)** |
|  |  |

* 1. Bug statistics

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Unresolved bugs** | **Resolved bugs** | **Reopened bugs** | **Verified bugs** | | |
| **Critical** | **Not critical** | **Critical** | **Not critical** |  |  |
|  |  |  |  |  |  |

10. QA Release statement

QA statement criteria are defined in chapter #8.

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **QA recommendations** | **Comments** |
| XX.XX.XXXX |  |  |  |

11. Release risks

12. Test Logistics

* 1. Software Tools and Data

List of tools required to perform test activities:

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Tool, Data** | **Vendor/In-house** | **Version** |
| Test Management | **Redmine** | **Codetiburon** |  |
| Test Automation | **N/A** | **Codetiburon** |  |
| Test Automation | **N/A** | **Codetiburon** |  |
| Defect Tracking | **Redmine** | **Codetiburon** |  |
| Image of Windows 7 | **VMware Player or Virtual PC** | **Codetiburon** |  |
| Image of Windows 8 | **VMware Player** | **Codetiburon** |  |

* 1. Human Resources

QA team consists of:

* QA Engineer
  1. Hardware Resources
* QA test machine.

13. Test Procedures

* 1. Defect Reporting

When defect is found, QA engineer contributes a new bug into the Redmine database with the description of how to reproduce it or reopen the existing one.

* 1. Test Progress Meeting

Regular daily project team meeting will be held to discuss the test progress.

* 1. Test Case Review

PM provides test cases review at least once.

* 1. Test Suspension - Resumption Criteria

If any defects are found which seriously impact the test progress, the QA may choose to Suspend testing. The criteria that will justify test suspension are:

* Hardware/Software is not available in the time indicated in the project schedule.
* Source code contains one ore more critical defects, which seriously prevent or limit testing progress.

If testing was suspended, resumption will only occur when the problems that caused suspension were resolved and a new build is provided for testing.