

# Test plan Fantasy Worlds

**Version 1.0**

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## 1. Introduction

fantasy-worlds.net is a free digital library with a narrow genre focus. Its visitors are fans of fascinating stories in the fantasy genre. The site began its work in 2006 and currently has about 9,000 verified full-fledged and high-quality books published or planned by publishers. Visitors to the site are given the opportunity to view the books available in the library, as well as the opportunity to get acquainted with the annotations of books, download them in several formats (there are links to download programs for reading), read online, evaluate books. It is possible to view and leave comments. In 2016, links to nearly 3,000 audiobooks were added to the library. Links to audiobooks are formatted as magnet links, which are understood by most modern torrent clients. The site contains short biographies of all authors whose books are represented in the library. Any interaction with books and audiobooks is available to both registered and non-registered users.

## 2. Scope of work

### 2.1 Features will be tested

Features	Priority
- Registration;	2
- Authorization;	2
- View personal messages;	4
- Button "Fantastic worlds" (return to the main page);	4
- A quick search for books on the main page "Поиск в библиотеке";	2
- Using links "книги", "Аудио книги", "Программы для чтения книг", "Рецензии на книги", "Интервью с писателями";	2
- Using links to books "Топ 5 недели";	3
- Using link to book "Рекомендуем";	3
- Using link "Обсудить на форуме";	3
- Search for books in the library;	1
- Switching pages in the library;	2
- Read book online;	1
- Download the book (in 4 different formats);	1
- Rate the book;	3
- Download audiobook;	1
- View comments on the book;	2
- Leave a comment on the book;	2
- View author's biography;	3
- View comments under author's biography;	3
- Leave a comment under the author's biography;	3
- View comment in the section "Новости";	3
- Leave a comment in the section "Новости";	3
- View comment in the section "Комментарии";	3
- View images in the section "Обои";	4
- View reviews in the section "Гостевая книга";	3
- Leave reviews in the section "Гостевая книга";	3
- Using link "Поддержать bitcoin-ом";	4

## 2.2 Features that won't be tested

- Function to send messages to users will not be tested as it is not available in version 1.0;
- There will be no checking for broken links in the published articles and comments, leading to third-party sites, because over time these links becomes obsolete;
- The content of text documents of books will not be tested, as this does not apply to functional testing and user interface testing;
- Forum will not be tested;

## 3. Resource configuration

- Intel(R) Core(TM) i5-6400 CPU @ 2.70GHz 2.70 GHz;
- RAM - 16 Gb;
- OS - Windows 10 Pro;
- Pixel 4a/RQ3A.211001.001;
- Android 11;
- Browsers: Google Chrome (98.0.4758.102), Opera (84.0.4316.21), Mozilla Firefox (97.0.1), Microsoft Edge (98.0.1108.62);
- Other tools: Xenu's Link Sleuth 1.3.8;

## 4. Quality and acceptance criteria

- All necessary artifacts collected: check lists, test cases and bug reports;
- The product should not have known bugs with severity Critical and Major, and bugs with Priority High at the time of finish testing;

## 5. Critical success factors

- Access to fantasy-worlds website;
- Responsibility of all team members;
- Meet a schedule and complete development and testing of all functionality in term;

## 6. Risk management

Risk	Probability	Impact	Actions
Problems in the test equipment. Breakdown of computer hardware or failures on the server side of the project. This can lead to a significant slowdown in project activities;	L	M	Availability of spare equipment, which will be provided if necessary;
Force majeure circumstances that may lead to the de-energization of the workplace, which will lead to the suspension of work on the project;	L	M	The presence of another room in the absence of electricity at the permanent workplace;
The testing team consists of inexperienced workers, this can lead to the omission of a different kinds of bugs;	VH	VH	Experienced people: An experienced tester will help the testing team to solve any problems in emergency cases;

### Legend:

VH – Very High;  
H – High;  
M – Medium;  
L - Low

## 7. Resources

### 7.1 Test team

No	Project Role	Name	Location	Responsibilities
1.	Project Manager	Liza Doroshchenko	Minsk	Creation and promotion of new ideas; Creat a test plan; Compliance control;
2.	Test	Liza Doroshchenko	Minsk	Development of test-cases; Executing and writing bug reports;

### 7.2 Test tools

No	Tool	Comment
1.	Google document	Creation of test cases, bug reports and documentation;
2.	yEd Graph Editor	Creation of use cases;
3.	PicPick	Take screenshots;

## 8. Test strategy

The site fantasy-worlds.net will be tested using the "black box" method without knowing the internal structure and source code of the program.

### 8.1 Entry criteria

The Testing Team may suspend partial or full-testing activities on a given build if any of the following occurs:

- There is a fault with a feature that prevents its testing;
- A severe problem has occurred that does not allow testing to continue;

## 8.2 Test methods

- Manual functional testing – is considered as the main method of the application testing;

## 8.3 Test types

- Functional testing;
- UI Testing;
- Compatibility Testing;

## 8.4 Bug severity definition

- **Blocker** (S1) - Blocks development and/or testing work, production could not run;
- **Critical** (S2) - Crashes, loss of data, severe memory leak;
- **Major** (S3) - Major loss of function;
- **Minor** (S4) - Minor loss of function, or other problem where easy workaround is present;
- **Trivial** (S5) - Cosmetic problem like misspelled words or misaligned text;

## 9. Testing schedule

No	Activity	Begin Date	End Date
1.	Test plan creation;	01.03.2022	03.03.2022
2.	Creation of check-lists and writing test cases;	03.03.2022	04.03.2022
3.	Testing and writing bug reports;	04.03.2022	06.03.2022

### Revision history

Date	Version	Description	Author
03.03.2022	1.0	Created	Liza Doroshchenko