Site Wide.Video

Test Plan

Version 1.1

Content

1 Introduction

1.1 Objectives

The Test Plan is designed to prescribe the scope, schedule of all testing activities of the final project. The main aim of the project is to identify the items to be tested, the types of testing, schedule required to complete the testing and risks associated with the plan. The important part of testing is to focus on functionality of the web application https://wide.video/app/1.3.0/

1.2 Scope

The purpose of testing wide.video site is to check the correct operation of all its functions on different versions of browsers with typical use cases. Testing will be done manually.

The result of the testing process will be the following materials:

- report 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;

1.3 Team Members

Test Cases created by Jana Plutinská

Tested by Jana Plutinská

2 Risks

2.1 Risks

#	Risk	Impact	Trigger	Mitigation Plan
1	Problems with the availability of the test environment.	High	Delay in setting up the test environment.	Ensure that the test environment is set up well in advance.
2	Problems with tools or tool availability	High	Delay in obtaining or setting up necessary tools.	Ensure that all tools are kept up-to-date.
3	Availability of testers and their qualifications	High	Shortage of qualified testers.	Conduct training sessions for all testers.

3 Testing types

3.1 Process description

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.

Open

- Open a new project
- Open an existing project

Import files

- Import a video
- Import 4K video
- Import an image

Adding

- Adding a picture into the video
- Adding text to the video
- Adding a shape
- Adding an emoji
- Adding audio
- Adding filters and effects
- Adding a title
- Adding karaoke

Text

- Changing the colour of the text
- Changing the background of the text
- Transfer the text to speech
- Aligning the text

Removing

- Removing audio from original video
- Removing the text from the timeline
- Removing the layers
- Removing filters and effects

Social media links

- Facebook
- Twitter
- YouTube
- TikTok
- Discord

Others

- Splitting the video
- Copying the clip
- FAQ

- Video tutorials

Export the project

3.1.2 Cross-browser testing
Objective

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

Browsers
- Google Chrome Version 112.0.5615.138
- Mozilla Firefox 112.0.2

3.1.3 Regression testing
Objectives

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

In the course of regression testing, the following types of tests will be conducted:
- Version testing
- Testing related functionality

The project is using an agile approach in weekly interactions. Functional testing will play the most important part of the testing. The tester will test the web application manually using tools as Screencastify, TestRail for test cases and Jira for reporting bugs.

Types of software testing that will not be used are:
- usability testing
- security testing
- performance testing

4 Test Completeness

The criteria that will consider the testing complete:

- All manual tests should be executed
- End of testing session 2.5.2023

5 Deliverables

5.1 Test Schedule

Task Name	Start	Finish
Test planning	26.04.2023	01.05. 2023
Requirements	01.05.2023	01.05.2023
Create Test Cases	01.05.2023	01.05.2023
Testing	01.05.2023	02.05.2023
Report Bugs	01.05.2023	02.05.2023
Final Report	02.05.2023	02.05.2023

6 Environment Needs

6.1 Testing Tools

Screencastify – making videos

Spinning tool – taking screenshots

TestRail – writing test cases

Jira – reporting bugs

6.2 Test Environment

- Google Chrome 112.0.5615.138
- Mozilla Firefox 112.0.2
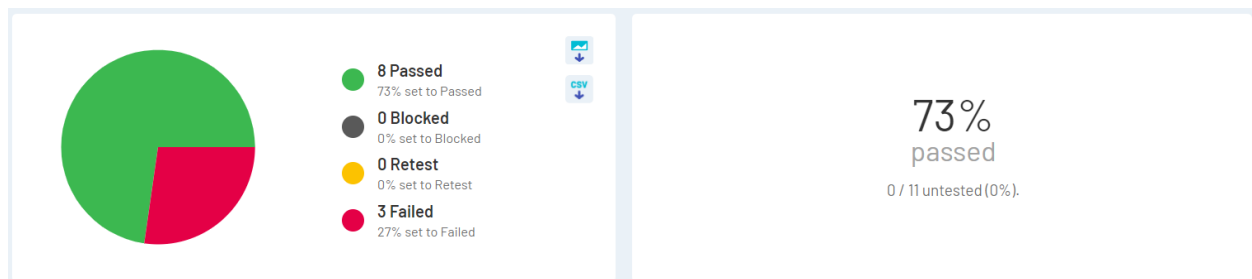
Hardware: Processor Intel Core 5

Software: Windows 11

Application version https://wide.video/app/1.3.0/

7 Test results

7.1 Resume

The results are recorded in TestRail with the name WIDE.VIDEO. The failed testes are sent to Jira to create sprint. These test cases failed:

- **Test Case 1:** IMPORT AN MP4 VIDEO, **Result:** FAILED
- **Test Case 4:** CHANGING THE BACKGROUNG OF THE TEXT, **Result:** FAILED
- **Test Case 10:** EXPORT THE PROJECT, **Result:** FAILED

Test Cases 11				
ID	Title	Assigned To	Status	
T59	Import an MP4 video		Failed ⌄	›
T50	Adding text to the video		Passed ⌄	›
T60	Changing the colour of the text		Passed ⌄	›
T61	Changing the background of the text		Failed ⌄	›
T56	Removing the text from the timeline		Passed ⌄	›
T51	Transfer text to speech		Passed ⌄	›
T52	Adding a picture into the video		Passed ⌄	›
T53	Removing audio from original video		Passed ⌄	›
T57	Splitting the video		Passed ⌄	›
T58	Export the project		Failed ⌄	›
T66	Import 4K video		Passed ⌄	›

7.2 Recommendation

Development team should take a look on the reported bugs ID1, ID4, ID10. We recommend to improve the functionality reported in the bug reports. The problems should be resolved before realesing the web application.

The web application is recommneded to use on browser Google Chrome and Mozilla FireFox. During the testing the application was not tested on MS Edge or Safari, that is why we do not recommend to use it there. It should be tested there.