

Vision Craft Resolution (VCR): The Test Plan

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Project: VCR1- Vision Craft Resolution, first generation

Introduction

Overview:

Vision Craft Resolution (VCR) is a video editor designed to be used by content creators of all skill levels. Key features of this highly intuitive and easy to use video editor will include the following: trimming, transitions, merging, audio editing/mixing, color correction, cloud storage, “drag and drop” interface, multitrack editing, a myriad of customizable effects and transitions, up to 8k export quality, and availability on windows and apple desktop and mobile devices.

Test Scope will include:

- 1) Functionality testing
- 2) Performance testing
- 3) Usability testing
- 4) Load testing

Each of these testing types will be testing for these core features:

- 1) Basic editing functions (trimming, merging, etc)
- 2) Import and export capabilities
- 3) User experience and user interface
- 4) Compatibility across windows and apple devices

Each testing type will address each of these Testing Strategies:

- 1) Unit testing
- 2) Integration testing
- 3) Functional testing
- 4) Performance testing:
 - a) Load testing
 - b) Stress testing
 - c) Speed and response time testing
- 5) Usability testing
- 6) End-to-end testing

The table below is a chart specifying each test case and how to enter in the data for each aspect of the test case:

Test Case Data Sheet for VCR (Vision Craft Resolution)

(all will be entered digitally within this google.doc)

Title	Objective	Preconditions	Data	Steps	Expected Results	Actual Results
Verify Video Trim	Make sure the user can effectively trim a video and the editor effectively exports the trimmed clip.	A video clip must already be imported into the timeline.	A video clip has effectively been trimmed and the exported file plays without the trimmed parts playing. CIRCLE: Y or N	<p>Select the video clip on the timeline</p> <p>Use the trim handles on the edges of the clip in the timeline to shorten or eliminate parts of the clip</p> <p>Preview the trimmed clip to make sure the video is not playing the trimmed parts.</p> <p>Export the trimmed clip.</p>	The video clip has the trimmed and/or removed parts of the clip absent and the exported file reflects the trimmed version	
Export of all video resolutions (240p to 8k)						
Effective exporting of color corrected video clips						
Playback in the						

[illegible]