Flat for Education Accessibility Conformance Report

Revised Section 508 Edition

(Based on VPAT® Version 2.4)

Name of Product/Version: Flat for Education

Report Date: 15th June, 2020

Product Description: Web application

Contact Information: edu@flat.io

Notes: N/A

Evaluation Methods Used:

The following applications were used to evaluate this product: Google Chrome, Mozilla Firefox and Safari. Accessibility testing tools: Browser developer tools.

Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standard/guidelines:

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.0	Level A (Yes) Level AA (Yes) Level AAA (No)
Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018	(Yes)

Terms

The terms used in the Conformance Level information are defined as follows:

- **Supports**: The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
- **Partially Supports**: Some functionality of the product does not meet the criterion.
- **Does Not Support**: The majority of product functionality does not meet the criterion.
- **Not Applicable**: The criterion is not relevant to the product.
- **Not Evaluated**: The product has not been evaluated against the criterion. This can be used only in WCAG 2.0 Level AAA.

WCAG 2.0 Report

Tables 1 and 2 also document conformance with Revised Section 508:
- Chapter 5 – 501.1 Scope, 504.2 Content Creation or Editing
- Chapter 6 – 602.3 Electronic Support Documentation

Note: When reporting on conformance with the WCAG 2.0 Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the WCAG 2.0 Conformance Requirements.

Table 1: Success Criteria, Level A

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Partially supports	Flat for Education provides text alternatives for non-text items, with an exception: - Sheet music can't be read by a screen reader, but we provide an alternative audio playback from the content
1.2.1 Audio-only and Video-only (Prerecorded) (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	The pre-recorded audio content are only previews of the sheet music, it's possible to view the actual content from the music.
1.2.2 Captions (Prerecorded) (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Not applicable	Flat for Education does not have textual audio content that can have captions
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Not applicable	Flat for Education does not have re-recorded video content.
1.3.1 Info and Relationships (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Partially Supports	Flat for Education exposes most semantics on the web pages.

Criteria	Conformance Level	Remarks and Explanations
1.3.2 Meaningful Sequence (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	The correct reading sequence is meaningful throughout the Flat for Education web application.
1.3.3 Sensory Characteristics (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Not applicable	Flat for Education does not rely on sensory characteristics for instructions.
1.4.1 Use of Color (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Partially Supports	Flat for Education does not rely on color alone to convey information, with the following exceptions: - End users can use custom colors to add on their music notation (use content). This is specific to user generated content.
1.4.2 Audio Control (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	Flat for Education provides audio controls for all audio in the software. It does not include auto play content.
2.1.1 Keyboard (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	All functionality is operable using the keyboard alone in Flat for Education
2.1.2 No Keyboard Trap (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software)	Supports	Flat for Education does not cause a keyboard trap.

Criteria	Conformance Level	Remarks and Explanations
• 504.2 (Authoring Tool) • 602.3 (Support Docs)		
2.2.1 Timing Adjustable (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Not applicable	Flat for Education does not include content with a timeout
2.2.2 Pause, Stop, Hide (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Partially Supports	Flat for Education does not have content that blinks, scrolls, or updates regularly, with one exception: - During audio playback, the content of the sheet music automatically scrolls. This can be disabled by the end user, and the global interface is not affected by this scroll behavior.
2.3.1 Three Flashes or Below Threshold (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	Flat for Education does not have flashing content.
2.4.1 Bypass Blocks (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs	Does Not Support	
2.4.2 Page Titled (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	Flat for Education provides a descriptive page title
2.4.3 Focus Order (Level A)	Supports	Flat for Education has a meaningful focus order

Criteria	Conformance Level	Remarks and Explanations
Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)		
2.4.4 Link Purpose (In Context) (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	Flat for Education has meaningful link phrases.
3.1.1 Language of Page (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	The languages of the pages in Flat for Education is programmatically identified
3.2.1 On Focus (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	Flat for Education does not cause a change of context on focus
3.2.2 On Input (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	Flat for Education does not cause a change of context when interacting with elements
3.3.1 Error Identification (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool)	Supports	If an error is detected in Flat for Education, the error is described in text

Criteria	Conformance Level	Remarks and Explanations
• 602.3 (Support Docs)		
3.3.2 Labels or Instructions (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	Labels are provided in Flat for Education when content requires input
4.1.1 Parsing (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	Flat for Education does not have parsing errors
4.1.2 Name, Role, Value (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	Flat for Education provides the correct name, role, state and other accessibility for the interface components

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Not applicable	Flat for Education does not have live audio content
1.2.5 Audio Description (Prerecorded) (Level AA) Also applies to: Revised Section 508	Not applicable	Flat for Education does not recorded video content

Criteria	Conformance Level	Remarks and Explanations
501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs)		
1.4.3 Contrast (Minimum) (Level AA) Also applies to: Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs)	Supports	Flat for Education has sufficient contrast between background and foreground colors
1.4.4 Resize text (Level AA) Also applies to: Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs)	Support	Text in Flat for Education is resizable without a loss of content or functionality.
1.4.5 Images of Text (Level AA) Also applies to: Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs)	Supports	Flat for Education does not contain images of text
2.4.5 Multiple Ways (Level AA) Also applies to: Revised Section 508 501 (Web)(Software) – Does not apply to non-web software 504.2 (Authoring Tool) 602.3 (Support Docs) – Does not apply to non-web docs	Supports	Flat for Education has multiple ways of locating screens in the application
2.4.6 Headings and Labels (Level AA) Also applies to: Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs)	Supports	Flat for Education have descriptive headings and labels

Criteria	Conformance Level	Remarks and Explanations
2.4.7 Focus Visible (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Partially Supports	Flat for Education has a focus visible for most of the forms elements, but this one is not available on all the pages of the application
3.1.2 Language of Parts (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	Flat for Education does not contain text with a change in language
3.2.3 Consistent Navigation (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs	Supports	Flat for Education has a consistent navigation mechanism. Our music notation editor has a separate navigation system than the regular education pages.
3.2.4 Consistent Identification (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs	Supports	Flat for Education components are identified consistently
3.3.3 Error Suggestion (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	When errors are detected, Flat for Education provide suggestions to resolve then
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA) Also applies to:	Not applicable	Use of Flat for Education does not inherently cause legal commitments or financial transactions to occur

Criteria	Conformance Level	Remarks and Explanations
Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)		

Table 3: Success Criteria, Level AAA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.6 Sign Language (Prerecorded) (Level AAA) Revised Section 508 – Does not apply	Not evaluated	
1.2.7 Extended Audio Description (Prerecorded) (Level AAA) Revised Section 508 – Does not apply	Not evaluated	
1.2.8 Media Alternative (Prerecorded) (Level AAA) Revised Section 508 – Does not apply	Not evaluated	
1.2.9 Audio-only (Live) (Level AAA) Revised Section 508 – Does not apply	Not evaluated	
1.4.6 Contrast (Enhanced) (Level AAA) Revised Section 508 – Does not apply	Not evaluated	
1.4.7 Low or No Background Audio (Level AAA) Revised Section 508 – Does not apply	Not evaluated	
1.4.8 Visual Presentation (Level AAA) Revised Section 508 – Does not apply	Not evaluated	
1.4.9 Images of Text (No Exception) (Level AAA) Revised Section 508 – Does not apply	Not evaluated	
2.1.3 Keyboard (No Exception) (Level AAA) Revised Section 508 – Does not apply	Not evaluated	
2.2.3 No Timing (Level AAA) Revised Section 508 – Does not apply	Not evaluated	
2.2.4 Interruptions (Level AAA) Revised Section 508 – Does not apply	Not evaluated	
2.2.5 Re-authenticating (Level AAA) Revised Section 508 – Does not apply	Not evaluated	

Criteria	Conformance Level	Remarks and Explanations
2.3.2 Three Flashes (Level AAA) Revised Section 508 – Does not apply	Not evaluated	
2.4.8 Location (Level AAA) Revised Section 508 – Does not apply	Not evaluated	
2.4.9 Link Purpose (Link Only) (Level AAA) Revised Section 508 – Does not apply	Not evaluated	
2.4.10 Section Headings (Level AAA) Revised Section 508 – Does not apply	Not evaluated	
3.1.3 Unusual Words (Level AAA) Revised Section 508 – Does not apply	Not evaluated	
3.1.4 Abbreviations (Level AAA) Revised Section 508 – Does not apply	Not evaluated	
3.1.5 Reading Level (Level AAA) Revised Section 508 – Does not apply	Not evaluated	
3.1.6 Pronunciation (Level AAA) Revised Section 508 – Does not apply	Not evaluated	
3.2.5 Change on Request (Level AAA) Revised Section 508 – Does not apply	Not evaluated	
3.3.5 Help (Level AAA) Revised Section 508 – Does not apply	Not evaluated	
3.3.6 Error Prevention (All) (Level AAA) Revised Section 508 – Does not apply	Not evaluated	

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Notes:

Chapter 3: [Functional Performance Criteria](#) (FPC)

Notes:

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Partially supports	Flat for Education provides correct name, role, state and other import accessibility information for most of interface elements. However, our music notation editor doesn't have the text equivalent but an audio playback of the music.
302.2 With Limited Vision	Partially supports	
302.3 Without Perception of Color	Supports	Flat for Education can be used without color perception. Exception for user-generated content that can contain colors, only if used by the end-users.
302.4 Without Hearing	Supports	
302.5 With Limited Hearing	Supports	
302.6 Without Speech	Supports	
302.7 With Limited Manipulation	Supports	
302.8 With Limited Reach and Strength	Supports	
302.9 With Limited Language, Cognitive, and Learning Abilities	Supports	

Chapter 4: [Hardware](#)

Notes: Flat for Education is not a hardware product.

Criteria	Conformance Level	Remarks and Explanations
402 Closed Functionality	Heading cell – no response required	Heading cell – no response required
402.1 General	Heading cell – no response required	Heading cell – no response required
402.2 Speech-Output Enabled	Heading cell – no response required	Heading cell – no response required

Criteria	Conformance Level	Remarks and Explanations
402.2.1 Information Displayed On-Screen	Not applicable	
402.2.2 Transactional Outputs	Not applicable	
402.2.3 Speech Delivery Type and Coordination	Not applicable	
402.2.4 User Control	Not applicable	
402.2.5 Braille Instructions	Not applicable	
402.3 Volume	Heading cell – no response required	Heading cell – no response required
402.3.1 Private Listening	Not applicable	
402.3.2 Non-private Listening	Not applicable	
402.4 Characters on Display Screens	Not applicable	
402.5 Characters on Variable Message Signs	Not applicable	
403 Biometrics	Heading cell – no response required	Heading cell – no response required
403.1 General	Not applicable	
404 Preservation of Information Provided for Accessibility	Heading cell – no response required	Heading cell – no response required
404.1 General	Not applicable	
405 Privacy	Heading cell – no response required	Heading cell – no response required
405.1 General	Not applicable	
406 Standard Connections	Heading cell – no response required	Heading cell – no response required
406.1 General	Not applicable	
407 Operable Parts	Heading cell – no response required	Heading cell – no response required
407.2 Contrast	Not applicable	
407.3 Input Controls	Heading cell – no response required	Heading cell – no response required
407.3.1 Tactilely Discernible	Not applicable	
407.3.2 Alphabetic Keys	Not applicable	
407.3.3 Numeric Keys	Not applicable	
407.4 Key Repeat	Not applicable	
407.5 Timed Response	Not applicable	
407.6 Operation	Not applicable	
407.7 Tickets, Fare Cards, and Keycards	Not applicable	
407.8 Reach Height and Depth	Heading cell – no response required	Heading cell – no response required
407.8.1 Vertical Reference Plane	Not applicable	
407.8.1.1 Vertical Plane for Side Reach	Not applicable	
407.8.1.2 Vertical Plane for Forward Reach	Not applicable	

Criteria	Conformance Level	Remarks and Explanations
407.8.2 Side Reach	Not applicable	
407.8.2.1 Unobstructed Side Reach	Not applicable	
407.8.2.2 Obstructed Side Reach	Not applicable	
407.8.3 Forward Reach	Not applicable	
407.8.3.1 Unobstructed Forward Reach	Not applicable	
407.8.3.2 Obstructed Forward Reach	Not applicable	
407.8.3.2.1 Operable Part Height for ICT with Obstructed Forward Reach	Not applicable	
407.8.3.2.2 Knee and Toe Space under ICT with Obstructed Forward Reach	Not applicable	
408 Display Screens	Heading cell – no response required	Heading cell – no response required
408.2 Visibility	Not applicable	
408.3 Flashing	Not applicable	
409 Status Indicators	Heading cell – no response required	Heading cell – no response required
409.1 General	Not applicable	
410 Color Coding	Heading cell – no response required	Heading cell – no response required
410.1 General	Not applicable	
411 Audible Signals	Heading cell – no response required	Heading cell – no response required
411.1 General	Not applicable	
412 ICT with Two-Way Voice Communication	Heading cell – no response required	Heading cell – no response required
412.2 Volume Gain	Heading cell – no response required	Heading cell – no response required
412.2.1 Volume Gain for Wireline Telephones	Not applicable	
412.2.2 Volume Gain for Non-Wireline ICT	Not applicable	
412.3 Interference Reduction and Magnetic Coupling	Heading cell – no response required	Heading cell – no response required
412.3.1 Wireless Handsets	Not applicable	
412.3.2 Wireline Handsets	Not applicable	
412.4 Digital Encoding of Speech	Not applicable	
412.5 Real-Time Text Functionality	Not applicable	
412.6 Caller ID	Not applicable	
412.7 Video Communication	Not applicable	
412.8 Legacy TTY Support	Heading cell – no response required	Heading cell – no response required
412.8.1 TTY Connectability	Not applicable	

Criteria	Conformance Level	Remarks and Explanations
412.8.2 Voice and Hearing Carry Over	Not applicable	
412.8.3 Signal Compatibility	Not applicable	
412.8.4 Voice Mail and Other Messaging Systems	Not applicable	
413 Closed Caption Processing Technologies	Heading cell – no response required	Heading cell – no response required
413.1.1 Decoding and Display of Closed Captions	Not applicable	
413.1.2 Pass-Through of Closed Caption Data	Not applicable	
414 Audio Description Processing Technologies	Heading cell – no response required	Heading cell – no response required
414.1.1 Digital Television Tuners	Not applicable	
414.1.2 Other ICT	Not applicable	
415 User Controls for Captions and Audio Descriptions	Heading cell – no response required	Heading cell – no response required
415.1.1 Caption Controls	Not applicable	
415.1.2 Audio Description Controls	Not applicable	

Chapter 5: Software

Notes:

Criteria	Conformance Level	Remarks and Explanations
501.1 Scope – Incorporation of WCAG 2.0 AA	See WCAG 2.0 section	See information in WCAG 2.0 section
502 Interoperability with Assistive Technology	Heading cell – no response required	Heading cell – no response required
502.2.1 User Control of Accessibility Features	Not applicable	
502.2.2 No Disruption of Accessibility Features	Not applicable	
502.3 Accessibility Services	Heading cell – no response required	Heading cell – no response required
502.3.1 Object Information	Not applicable	
502.3.2 Modification of Object Information	Not applicable	
502.3.3 Row, Column, and Headers	Not applicable	
502.3.4 Values	Not applicable	
502.3.5 Modification of Values	Not applicable	
502.3.6 Label Relationships	Not applicable	
502.3.7 Hierarchical Relationships	Not applicable	
502.3.8 Text	Not applicable	
502.3.9 Modification of Text	Not applicable	
502.3.10 List of Actions	Not applicable	
502.3.11 Actions on Objects	Not applicable	

Criteria	Conformance Level	Remarks and Explanations
502.3.12 Focus Cursor	Not applicable	
502.3.13 Modification of Focus Cursor	Not applicable	
502.3.14 Event Notification	Not applicable	
502.4 Platform Accessibility Features	Not applicable	
503 Applications	Heading cell – no response required	Heading cell – no response required
503.2 User Preferences	Not applicable	
503.3 Alternative User Interfaces	Not applicable	
503.4 User Controls for Captions and Audio Description	Heading cell – no response required	Heading cell – no response required
503.4.1 Caption Controls	Not applicable	
503.4.2 Audio Description Controls	Not applicable	
504 Authoring Tools	Heading cell – no response required	Heading cell – no response required
504.2 Content Creation or Editing (if not authoring tool, enter "not applicable")	See WCAG 2.0 section	See information in WCAG 2.0 section
504.2.1 Preservation of Information Provided for Accessibility in Format Conversion	Not applicable	
504.2.2 PDF Export	Not applicable	
504.3 Prompts	Not applicable	
504.4 Templates	Not applicable	

Chapter 6: Support Documentation and Services

Notes:

Criteria	Conformance Level	Remarks and Explanations
601.1 Scope	Heading cell – no response required	Heading cell – no response required
602 Support Documentation	Heading cell – no response required	Heading cell – no response required
602.2 Accessibility and Compatibility Features	Partially Supported	Flat for Education only provides a list of keyboard shortcuts at this time, available at https://flat.io/help/en/music-notation-software/keyboard-shortcuts.html
602.3 Electronic Support Documentation	See WCAG 2.0 section	See information in WCAG 2.0 section
602.4 Alternate Formats for Non-Electronic Support Documentation	Not applicable	All documentation for Flat for Education is available electronically

Criteria	Conformance Level	Remarks and Explanations
603 Support Services	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features	Not applicable	The Flat for Education team can answer support questions through various support channels.
603.3 Accommodation of Communication Needs	Supports	The Flat for Education team can answer support questions through various support channels.

Legal Disclaimer (Company)

Flat for Education cannot guarantee that any information in this Conformance Report will remain accurate after such date of publication, but Flat for Education works continuously to monitor the accessibility of its products and provide updates from time to time. This Conformance Report is provided "as is" and for informational purposes only.