

Albert Voluntary Product Accessibility Template (VPAT)

This Voluntary Product Accessibility Template, or VPAT, is a tool that administrators and decision-makers can use to evaluate Albert's conformance with the accessibility standards under Section 508 of the Rehabilitation Act and WCAG 2.1 AA.

Albert Accessibility Conformance Report

VPAT Version 2.3 - March 2021

Name of Product: Albert (www.albert.io)

Company: Learn by Doing, Inc.

Date: February 2020

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

- Revised Section 508 standards as published by the U.S. Access Board in the Federal Register on January 18, 2017
- Web Content Accessibility Guidelines 2.0 (Level A/AA). WCAG 2.1 Level A/AA conformance is also documented herein.

Methodology: This report was composed using the following third party technologies:

- [Functional Accessibility Evaluator](#) - Developed by the University of Illinois, FAE evaluates webpages against WCAG A and AA criteria. This was used as an automated check for HTML and ARIA labels and followed up with manual checks of webpages.
- [Tota11y](#) - A toolkit built by Khan Academy to determine and report web page element contrast, labels, and landmarks. This was used as a manual test on student, teacher, and admin sections of the website.
- [WAVE](#) - Developed by WebAIM, WAVE generates a report of a webpage's ARIA labels, contrast, alternative text, and links. WAVE was used in conjunction with Tota11y to perform manual checks.

Principle 1 - Perceivable

Information and user interface components must be presentable to users in ways they can perceive.

WCAG 2.1 Criteria	Level of Support	Remarks and Explanations
1.1.1 Non-text Content (Level A)	Partially Supports	The majority of our non-text elements within a question have comprehensive text alternatives. There are, however, some cases in which a verbose explanation of the non-text content undermines the integrity of the question.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Supports with Exceptions	Audio-only content is not accompanied by alternatives as that would defeat the intended function of the question. E.g. a translation question in a foreign language course.
1.2.2 Captions (Prerecorded) (Level A)	Supports with Exceptions	Audio-only content is not accompanied by alternatives as that would defeat the intended function of the question. E.g. a translation question in a foreign language course.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Not Applicable	Website does not contain video content.
1.2.4 Captions (Live) (Level AA)	Not Applicable	Website does not contain live media.
1.2.5 Audio Description (Prerecorded) (Level AA)	Not Applicable	Website does not contain video content.
1.3.1 Info and Relationships (Level A)	Partially Supports	Most website elements are appropriately labeled and detectable programmatically. Additional ARIA labels are required throughout the website.
1.3.2 Meaningful Sequence (Level A)	Supports	The order of content and navigation is consistent and intuitive on every page.
1.3.3 Sensory Characteristics (Level A)	Supports	All provided instructions do not rely solely on sensory characteristics.
1.3.4 Orientation (Level AA 2.1 only)	Supports	Website pages are adaptable to multiple display orientations.
1.3.5 Identify Input Purpose (Level AA 2.1 only)	Supports	Forms that require the user to input personal information allow for autofill

		and the required information is programmatically detectable.
1.4.1 Use of Color (Level A)	Supports	Color and changes in color are not the only visual means of conveying information. Several questions make use of highlighting, but use additional information to indicate selection.
1.4.2 Audio Control (Level A)	Not Applicable	Website does not contain media that plays automatically.
1.4.3 Contrast (Minimum) (Level AA)	Partially Supports	Most text meets the required 4.5:1 contrast ratio. Some, but not all, buttons contain text that does not meet this ratio. We are working on updating all low-contrast text.
1.4.4 Resize text (Level AA)	Supports	Text can be resized without assistive technology beyond 200 percent without loss of content or functionality.
1.4.5 Images of Text (Level AA)	Supports	Images of text are avoided, with the exception of the Albert logo in the navigation bar which uses a text alternative to depict meaning.
1.4.10 Reflow (Level AA 2.1 only)	Partially Supports	Depending on the screen resolution, some functionality may be difficult to operate, though not lost.
1.4.11 Non-text Contrast (Level AA 2.1 only)	Supports	All non-text content meets the required ratio of at least 3:1 against adjacent color(s).
1.4.12 Text Spacing (Level AA 2.1 only)	Supports	No functionality is lost
1.4.13 Content on Hover or Focus (Level AA 2.1 only)	Supports	Tooltips are clickable and not triggered via hover. They are dismissible by clicking on the tooltip.

Principle 2 - Operable

User interface components and navigation must be operable.

WCAG 2.1 Criteria	Level of Support	Remarks and Explanations
2.1.1 Keyboard (Level A)	Partially Supports	All question types and interactions needed for a student to engage with content are keyboard operable. Some teacher views are not completely keyboard operable.

2.1.2 No Keyboard Trap (Level A)	Partially Supports	It is possible to get stuck in the question list. This is the only keyboard trap encountered.
2.1.4 Character Key Shortcuts (Level A 2.1 only)	Not Applicable	Keyboard shortcuts are not implemented.
2.2.1 Timing Adjustable (Level A)	Supports	Teachers are able to customize time limits on assignments and assessments. The use of time limits is essential to the function of the application.
2.2.2 Pause, Stop, Hide (Level A)	Not Applicable	Website does not contain content of this nature.
2.3.1 Three Flashes or Below Threshold (Level A)	Not Applicable	Website does not contain content of this nature.
2.4.1 Bypass Blocks (Level A)	Not Applicable	Website does not contain blocks of repeating blocks of content.
2.4.2 Page Titled (Level A)	Supports	Pages are appropriately titled.
2.4.3 Focus Order (Level A)	Supports	Focus order is intuitive throughout the website and question types have been updated to be able to properly receive focus.
2.4.4 Link Purpose (In Context) (Level A)	Supports	Link purpose can be determined from the link text.
2.4.5 Multiple Ways (Level AA)	Supports	There are multiple ways to access pages within the website. Specifically to find questions, we have implemented search through multiple avenues.
2.4.6 Headings and Labels (Level AA)	Supports	Website elements are appropriately labeled with the subsequent content topic.
2.4.7 Focus Visible (Level AA)	Partially Supports	The majority of clickable elements maintain a visible focus indicator.
2.5.1 Pointer Gestures (Level A 2.1 only)	Supports	Content can be controlled without path-based gestures.
2.5.2 Pointer Cancellation (Level A 2.1 only)	Supports	Down-events of the pointer are not used to execute any part of the function.
2.5.3 Label in Name (Level A 2.1 only)	Partially Supports	Most labels are perceivable programmatically and similar to the accessible name of the component.

2.5.4 Motion Actuation (Level A 2.1 only)	Not Applicable	Motion is not used to operate any functionality.
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Principle 3 - Understandable

Information and the operation of the user interface must be understandable.

Criteria	Conformance Level	Remarks and Explanations
3.1.1 Language of Page (Level A)	Supports	Page language is specified.
3.1.2 Language of Parts (Level AA)	Does Not Support	Passages and questions in non-English languages are not labeled with their respective language.
3.2.1 On Focus (Level A)	Supports	Context is not changed when a website component receives focus.
3.2.2 On Input (Level A)	Supports	Context is not changed following a change in any user interface setting.
3.2.3 Consistent Navigation (Level AA)	Supports	Navigation elements occur in the same location throughout the website and in the same relative order.
3.2.4 Consistent Identification (Level AA)	Supports	Text and iconography depicting navigation or functionality are consistent throughout the website.
3.3.1 Error Identification (Level A)	Supports	Potential errors are proactively detected and prevented.
3.3.2 Labels or Instructions (Level A)	Supports	Instructions are provided to the user when the website requires user input in order to proceed.
3.3.3 Error Suggestion (Level AA)	Supports	Input errors are proactively detected and prevented. When a user provides invalid information, they are prompted with necessary corrections.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Supports	When purchasing a subscription, credit card information is validated to prevent submission error. Users are prompted to make corrections before proceeding.

Principle 4 - Robust

Content must be robust enough that it can be interpreted by a wide variety of user agents, including assistive technologies.

Criteria	Conformance Level	Remarks and Explanations
4.1.1 Parsing (Level A)	Supports	Website conforms to HTML specifications.
4.1.2 Name, Role, Value (Level A)	Partially Supports	Most website components are labeled or use native HTML elements. As website updates are released, the unsupported components are brought to specification.
4.1.3 Status Messages (Level AA 2.1 only)	Does Not Support	Status messages are displayed to the user and are accessible with assistive technologies, but they are not able to be programmatically determined through these technologies.