Pearson Accessibility Conformance Report

WCAG Edition

(Based on VPAT® Version 2.4)

Name of Product/Version: Athena Browser Edition (ABE)

Product Description: A Pearson VUE developed web-based test driver. The test driver is the software that runs the test and is responsible for User navigation, Scoring, Selection and ordering, Item presentation, results, and writes data that is sent back to VTS central for processing and Manages timing.

Report Date: 4/18/2022

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Notes: This report documents the accessibility conformance as of the date of this report.

Evaluation Methods Used: Evaluations were conducted by trained Accessibility Quality Assurance Engineers and included both automated and manual testing. Quality Assurance Engineers who are native users of blindness technologies participated in the evaluation. Current testing was conducted in Windows 10. Assistive technology used during the evaluation included JAWS 2019, ZoomText 2019 and a refreshable braille display.

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)
Web Content Accessibility Guidelines 2.1	Level A (Yes)
	Level AA (Yes)
	Level AAA (No)

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.

WCAG 2.1 Report

Note: When reporting on conformance with the WCAG 2.x 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

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)	Supports	ABE supports text alternatives for the non-text content, including controls, input, sensory content, and images.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Supports	Text-based alternatives can be provided for time-based media in ABE.
1.2.2 Captions (Prerecorded) (Level A)	Supports	Videos can be produced with open captions to be used in ABE.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Supports	Audio Description can be incorporated into the audio track, but not provided in it's own track for video content in ABE.
1.3.1 Info and Relationships (Level A)	Does Not Support	ABE does not use a logical structure where information and relationships can be programmatically determined or are available in text.
1.3.2 Meaningful Sequence (Level A)	Supports	ABE supports content structured in a meaningful order.
1.3.3 Sensory Characteristics (Level A)	Supports	ABE does not rely on sensory information alone to convey meaning.
1.4.1 Use of Color (Level A)	Supports	The ABE interface does not rely only on color coding to convey information.
1.4.2 Audio Control (Level A)	Supports	Audio content that auto-plays includes a keyboard-only method to access the media player controls.
2.1.1 Keyboard (Level A)	Does Not Support	ABE core functionality cannot be accessed by the keyboard.
2.1.2 No Keyboard Trap (Level A)	Partially Supports	There are no keyboard traps in ABE. Exception: Modal dialogs do not set focus properly, causing issues for keyboard users.
2.1.4 Character Key Shortcuts (Level A 2.1 only)	Not Applicable	ABE does not require this capability for operation.
2.2.1 Timing Adjustable (Level A)	Supports	Duration extensions can be made by registration accommodation request for candidates needing accommodations.
2.2.2 Pause, Stop, Hide (Level A)	Supports	ABE does not use moving or blinking content.
2.3.1 Three Flashes or Below Threshold (Level A)	Supports	ABE does not use flashing content.
2.4.1 Bypass Blocks (Level A)	Supports	ABE provides a way to bypass blocks for users.

Criteria	Conformance Level	Remarks and Explanations
2.4.2 Page Titled (Level A)	Supports	ABE uses clear page titles.
2.4.3 Focus Order (Level A)	Partially Supports	Focus has been implemented for all active elements in ABE, and components receive focus in an order that preserves meaning. Exception: When an item loads, initial focus should go to the item number, but instead moves to the item stem to announce the question. Modal dialogs such as the Exhibit, Comment, and Scratch Pad tools do not announce content when they display, focus does not start at the top of the dialog.
2.4.4 Link Purpose (In Context) (Level A)	Supports	ABE uses meaningful link names.
2.5.1 Pointer Gestures (Level A 2.1 only)	Not Applicable	ABE does not require users to make specific finger or cursor gestures.
2.5.2 Pointer Cancellation (Level A 2.1 only)	Not Applicable	ABE does not activate functions on the down-click or down-tap.
2.5.3 Label in Name (Level A 2.1 only)	Supports	All occurrences of programmatic labels for elements match with the label that the user sees.
2.5.4 Motion Actuation (Level A 2.1 only)	Not Applicable	ABE does not utilize any motion interactions.
3.1.1 Language of Page (Level A)	Supports	ABE uses html language attributes.
3.2.1 On Focus (Level A)	Supports	ABE does not change context on focus in any case.
3.2.2 On Input (Level A)	Supports	Changing the setting of any user interface component does not automatically cause a change of context.
3.3.1 Error Identification (Level A)	Supports	Error messages are identified by assistive technology.
3.3.2 Labels or Instructions (Level A)	Partially Supports	Input fields are associated with its corresponding labels. Exceptions: Some form controls, such as short and long-form text entry fields or combo boxes, lack labels. Flag buttons lack context in their label to determine which question they are associated with.
4.1.1 Parsing (Level A)	Partially Supports	ABE is coded according to industry standards. Exceptions: Radio buttons sometimes announce option text twice. When using Alt+N to move to the next item, previous item content is instead announced via screen reader.

Criteria	Conformance Level	Remarks and Explanations
4.1.2 Name, Role, Value (Level A)	Does Not Support	Name, role, and value of interface elements are available to assistive technology. Exceptions: On the NDA page, moving JAWS focus to the radio buttons announces the associated text, but not whether the radio button is checked or not. There does not appear to be a live announcement of characters remaining, and a nonvisual user would have to move focus out of the text entry field to the word count, then back to the field to continue typing. Form states are not always available to assistive technology Some buttons are announced as not checked when they are not checkboxes. Screen readers do not announce the timer when it is focused. Expandable sections do not announce state changes, announce only as clickable buttons. Expandable timer and item number buttons do not announce their state or that they are interactive elements.

Table 2: Success Criteria, Level AA

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Not Applicable	There is no live media used for ABE.
1.2.5 Audio Description (Prerecorded) (Level AA)	Supports	Audio Description can be incorporated into the audio track, but not provided in it's own track for video content in ABE.
1.3.4 Orientation (Level AA 2.1 only)	Supports	The application supports multiple display orientations on test center delivery systems.
1.3.5 Identify Input Purpose (Level AA 2.1 only)	Supports	ABE allows autocomplete to simplify the user input process where it is applicable.

Criteria	Conformance Level	Remarks and Explanations
1.4.3 Contrast (Minimum) (Level AA)	Partially Supports	ABE default interface text meets minimum color contrast ratio against its background color. Exception: The white text and icons over the light blue toolbar and white text is only 2.3:1. VTS does not respect Windows user contrast settings, while ZoomText overrides Athena contrast settings.
1.4.4 Resize text (Level AA)	Supports	ABE does not lose content or functionality using the 200% zooming.
1.4.5 Images of Text (Level AA)	Partially Supports	ABE does not use any images of text to convey information to the user. Exception: The scanned pages do not appear to include the text in a format that assistive technology can access. The embedded PDF uses the inaccessible browser preview, and the preview tools do not appear to be keyboard accessible, nor does the Escape key work to close the dialog as the tooltip indicates.
1.4.10 Reflow (Level AA 2.1 only)	Does Not Support	Most content is easily readable at up to 200% magnification, while 300% sees the timer bar, tool bar, and navigation bars increase to take up most of the screen, and at 400% there is no item content visible. Items with multiple frames (split-screen) also scale in a way that introduces horizontal scrolling when content such as images are present.
1.4.11 Non-text Contrast (Level AA 2.1 only)	Supports	Core system functionality (i.e., login screens, user menus, navigation controls) visual content has a contrast ratio of at least 3:1
1.4.12 Text Spacing (Level AA 2.1 only)	Supports	ABE content uses adequate text spacing.
1.4.13 Content on Hover or Focus (Level AA 2.1 only)	Supports	Pop-up content does not prevent user access to other page content, and users have adequate access to pop-up content.
2.4.5 Multiple Ways (Level AA)	Supports	ABE provides multiple ways to reach a page.
2.4.6 Headings and Labels (Level AA)	Supports	Page headings and labels are meaningful.
2.4.7 Focus Visible (Level AA)	Partially Supports	Visual focus is available for keyboard only users across ABE. Exception: The visual focus indicator lacks sufficient contrast (1.1:1) against background/adjacent colors. Not all focusable elements receive a visual focus indicator.

Criteria	Conformance Level	Remarks and Explanations
3.1.2 Language of Parts (Level AA)	Supports	ABE uses html language attributes for content parts.
3.2.3 Consistent Navigation (Level AA)	Partially Supports	ABE uses consistent menu navigation across the application. Exception: Frames are problematic for assistive technology users, making it difficult to get enough context to get a mental picture of the entire page or interface.
3.2.4 Consistent Identification (Level AA)	Supports	ABE uses icons and buttons consistently across the application.
3.3.3 Error Suggestion (Level AA)	Supports	ABE clearly identifies input errors.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Supports	ABE reduces the risk of input errors and provides messaging where users can check their answers before saving the data.
4.1.3 Status Messages (Level AA 2.1 only)	Partially Supports	Status messages are promptly displayed/communicated to the user. Exceptions: There is no announcement for content when opening modal dialogs such as the Exhibit, Comment or Scratch Pad tools. Modal content is not announced by assistive technology on hover. The exam timer announces every second change, so dynamic notifications need to be disabled in screen reader settings

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