Accessibility Conformance Report

WCAG Edition

(Based on VPAT® Version 2.4Rev)

Name of Product/Version: OnlineIPT (Student Portal)

Report Date: June 05, 2023

Product Description: OnlineIPT--an online language proficiency assessment that measures the language proficiency of pre-kindergarten through twelfth-grade students in English and Spanish.

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Notes:

Accessibility compliance requires all public and (large) private organizations to make their websites and web content conform to the Web Content Accessibility Guidelines (WCAG). WCAG is a set of formal guidelines on how to develop accessible web content. WCAG focuses primarily on HTML accessibility although it can also be applied to mobile applications and digital documents.

Accessibility testing was carried out with reference to the WCAG 2.1 AA guidelines.

The product was found to be overall Supportive.

Evaluation Methods Used:

The product was tested against all the applicable 50 success criteria within the Web Content Accessibility Guidelines (WCAG) 2.1 Conformance Level A and AA. The testing methodology included a combination of automated testing, and manual testing conducted via paired testing methodology involving non-sighted and sighted accessibility experts. This testing methodology ensures that every aspect related to accessibility and user experience is included in the analysis. Below is a list of some of the technologies and environments used:

- Assistive technologies – NVDA and VoiceOver, Keyboard-only interaction, Browser zoom,
- Automated tools – aXe, Color Contrast Analyzer
- Browser – Chrome, Safari
- Accessibility plugins – aXe, HeadingsMap
- Desktop – Windows 11, MacOS

The following combinations of technologies were used:

- Windows with Chrome and NVDA
- MacOs with Safari and VoiceOver
- Windows with Chrome and aXe

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- Windows with Google Chrome and Zoom
- Windows with Google Chrome and Color Contrast Analyzer
- Windows with Google Chrome and HeadingsMap

Compatibility Matrix:

OS	Browser	Assistive Technology
Windows 11	Chrome	NVDA
MacOS	Safari	VoiceOver
iOS	Safari	VoiceOver

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)

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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 2.1 Report

Note: When reporting on conformance with the WCAG 2.1 Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.1 Conformance Requirements](#).

Table 1: Success Criteria, Level A

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)	**Supports**	**Features:** For the informative images in the application alternative text is provided and the decorative images are hidden for the screen reader users.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	**Supports**	**Features:** The text transcript is provided for the audio-only content. And there is no video-only content present in the application.
1.2.2 Captions (Prerecorded) (Level A)	**Not Applicable**	**Features:** There are no videos or multimedia content present in the application which requires captions.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	**Not Applicable**	**Features:** There is no multimedia content present in the application which requires audio descriptions.
1.3.1 Info and Relationships (Level A)	**Supports**	**Features:** The screen reader properly identifies most of the information available in the application and the screen reader user is easily able to perceive the relationships between elements and their respective roles.
1.3.2 Meaningful Sequence (Level A)	**Supports**	**Features:** The screen reader announces content in the application in a meaningful sequence.
1.3.3 Sensory Characteristics (Level A)	**Supports**	**Features:** Textual alternative is available for the information, which is

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Criteria	Conformance Level	Remarks and Explanations
		presented in the form of sensory characteristics.
[1.4.1 Use of Color](#) (Level A)	**Supports**	**Features:** Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.
[1.4.2 Audio Control](#) (Level A)	**Not Applicable**	**Features:** There is no such audio available in the application, which plays automatically as soon as the page is launched.
[2.1.1 Keyboard](#) (Level A)	**Supports**	**Features:** The application has many interactive user interface components like buttons, links, dropdowns, and most of these elements are operable using a keyboard with and without the screen reader.
[2.1.2 No Keyboard Trap](#) (Level A)	**Supports**	**Features:** Focus traverse smoothly and does not get struck during keyboard navigation.
[2.1.4 Character Key Shortcuts](#) (Level A 2.1 only)	**Not Applicable**	**Features:** There are no character key shortcuts implemented in the application that conflict with the predefined screen reader shortcuts.
[2.2.1 Timing Adjustable](#) (Level A)	**Not Applicable**	**Features:** There is no such time-based activity available in the application for which any time adjustable method is needed.
[2.2.2 Pause, Stop, Hide](#) (Level A)	**Supports**	**Features:** There is no moving content in the application where content changes automatically and requires a mechanism to pause, Stop or hide it.

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Criteria	Conformance Level	Remarks and Explanations
[2.3.1 Three Flashes or Below Threshold](#) (Level A)	**Not Applicable**	**Features:** There is no flashing or blinking content present anywhere in the application.
[2.4.1 Bypass Blocks](#) (Level A)	**Supports**	**Features:** There is a mechanism available to bypass blocks of content that are repeated on multiple Web pages.
[2.4.2 Page Titled](#) (Level A)	**Supports**	**Features:** In the application, all the pages have unique page titles to understand the context of the pages.
[2.4.3 Focus Order](#) (Level A)	**Supports**	**Features:** The application components receive focus in a meaningful order.
[2.4.4 Link Purpose (In Context)](#) (Level A)	**Supports**	**Features:** The purpose of each link in the application can be determined from the link text alone or from the programmatic context of the link.
[2.5.1 Pointer Gestures](#) (Level A 2.1 only)	**Supports**	**Features:** There are some functionalities present in the application with complex pointer gestures where an alternative means for operating the content is provided.
[2.5.2 Pointer Cancellation](#) (Level A 2.1 only)	**Supports**	**Features:** The application functions that use a single pointer are completed when the user releases the pointer.
[2.5.3 Label in Name](#) (Level A 2.1 only)	**Supports**	**Features:** Visual labels match with the accessible or programmatic names for all the elements.

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Criteria	Conformance Level	Remarks and Explanations
2.5.4 Motion Actuation (Level A 2.1 only)	**Not Applicable**	**Features:** The application does not have functionality operated by the device motion or user motion.
3.1.1 Language of Page (Level A)	**Supports**	**Features:** The default language of the application is defined using the lang attribute in the HTML markup.
3.2.1 On Focus (Level A)	**Supports**	**Features:** The application components do not initiate a change of context when focused.
3.2.2 On Input (Level A)	**Supports**	**Features:** Change of context does not occur automatically on user input.
3.3.1 Error Identification (Level A)	**Supports**	**Features:** In the application, where errors occur automatically, the screen reader identifies the error, and an error message is provided as text.
3.3.2 Labels or Instructions (Level A)	**Supports**	**Features:** The UI elements are provided with correct and meaningful labels.
4.1.1 Parsing (Level A)	**Supports**	**Features:** The application uses semantically correct markup for all interface elements, has complete start and end tags, and has tags with unique ID values.
4.1.2 Name, Role, Value (Level A)	**Supports**	**Features:** Most of the components present in the application have proper name/label, role/state, and value, which helps the screen reader user to understand the actual purpose and nature of these components.

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Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	**Not Applicable**	**Features:** There is no live multimedia content present in the application.
1.2.5 Audio Description (Prerecorded) (Level AA)	**Not Applicable**	**Features:** There is no multimedia content present in the application which requires audio descriptions.
1.3.4 Orientation (Level AA 2.1 only)	**Supports**	**Features:** Content doesn't restrict its view and operation to a single display orientation in the application. The users can view the application in the landscape mode.
1.3.5 Identify Input Purpose (Level AA 2.1 only)	**Supports**	**Features:** The purpose of each input field collecting information about the user is programmatically determined when the input field serves a purpose identified in the Input purposes for user interface components, and the content is implemented using technologies with support for identifying the expected meaning for form input data.
1.4.3 Contrast (Minimum) (Level AA)	**Supports**	**Features:** The application has sufficient color contrast ratios i.e., 4.5:1 for most of the regular text present in the application.
1.4.4 Resize text (Level AA)	**Supports**	**Features:** All the application content and user interfaces support standard zoom capabilities built into modern web view and operating systems.

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Criteria	Conformance Level	Remarks and Explanations
1.4.5 Images of Text (Level AA)	**Supports**	**Features:** Text is used to convey information rather than images of text.
1.4.10 Reflow (Level AA 2.1 only)	**Supports**	**Features:** The screen adapts when the zoom is applied. The user can swipe to access the content presented on the webpage.
1.4.11 Non-text Contrast (Level AA 2.1 only)	**Supports**	**Features:** The application provides a sufficient contrast ratio for different user interface components. Non-Text elements such as buttons, form fields etc. have a contrast ratio of 3.0:1.
1.4.12 Text Spacing (Level AA 2.1 only)	**Supports**	**Features:** The application provides support for people with low vision and cognitive disabilities as it allows users to view the application content in their desired text (Letter, word, line, and paragraph) spacing.
1.4.13 Content on Hover or Focus (Level AA 2.1 only)	**Supports**	**Features:** The tooltip is accessible on all the elements in the application which triggers the additional content after receiving tab focus.
2.4.5 Multiple Ways (Level AA)	**Supports**	**Features:** More than one way of finding a page within a set of web pages is available in the application.
2.4.6 Headings and Labels (Level AA)	**Supports**	**Features:** All the Headings present in the application are descriptive enough to understand their purpose. Sufficient labels are also provided for the form fields wherever a descriptive label is needed.
2.4.7 Focus Visible (Level AA)	**Supports**	**Features:** All focusable elements in the application have a visible keyboard

Criteria	Conformance Level	Remarks and Explanations
		focus indicator.
3.1.2 Language of Parts (Level AA)	**Supports**	**Features:** The Application's content is available in English and Spanish language and lang attribute is defined for both the languages.
3.2.3 Consistent Navigation (Level AA)	**Supports**	**Features:** Repeated components are occurring in the same order on every page of the application, which helps screen reader and cognitive user to predict the location of different web elements on each page.
3.2.4 Consistent Identification (Level AA)	**Supports**	**Features:** Elements, which have the same functionality across multiple pages in the application, have same labels or same name.
3.3.3 Error Suggestion (Level AA)	**Supports**	**Features:** Error suggestion messages are descriptive enough for users to understand and resolve the problem.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	**Not Applicable**	**Features:** This success criterion is related to legal commitment, financial data, etc., which involves serious risk, if no option, is provided for the user to review or revert the data before submission. However, application does not have such forms, where such risk is associated.
4.1.3 Status Messages (Level AA 2.1 only)	**Supports**	**Features:** Dynamic changes and notifications are automatically announced, and screen reader user can identify the updated status / progress of all tasks programmatically in the application.

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