Turnitin Accessibility Conformance Report

WCAG Edition

VPAT® Version 2.3 – December 2018

Name of Product/Version: Student Feedback Studio and Online Grading Interface

Product Description: The application provides feedback on the student assignments and helps find out if any sources were being used to conduct the assignment.

Date: March 20, 2019

Notes: The text only version of the Student Feedback and Online Grading Interface is documented in a separate VPAT Accessibility Conformance Report.

Evaluation Methods Used: Testing the Turnitin application involved a combination of manual testing on the desktop platform. A selection of pages representative of the Student Feedback Studio and Online Grading Interface were comprehensively tested using, among other methodology, the screen reader JAWS 2019, exclusive use of the keyboard, and manual inspection of code and Accessibility API output (through the use of tools, such as Microsoft Inspect).

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 2.1 at https://www.w3.org/TR/WCAG21/	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. This can be used only in WCAG 2.0 Level AAA.

WCAG 2.x 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

Notes: The application has a text only version of the Student Feedback and Online Grading Interface that provides the textual equivalent of most of functionalities present which is documented in a separate VPAT Accessibility Conformance Report.

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)	Partially Supports	Most of the controls in the Student Feedback Studio and Online Grading Interface have proper textual alternatives indicating role and purpose for various buttons (i.e., Instructor Feedback, Filters and Settings, etc.). A rating of Partially Supports has been given for the following reasons: • The Feedback Studio image in the header contains a "null" alt attribute so it does not render a textual equivalent. • The buttons in the main content, such as Thesis: and Insert:, are not associated with the text in question. • The actionable source names do not have proper textual equivalents indicating their role and state to users. • The expanded state of the buttons, such as Needs, Topic, etc., are not rendered via assistive technology such as screen reader users. • The toggle page navigation control expanded state is not rendered via

Criteria	Conformance Level	Remarks and Explanations
		assistive technology such as screen readers.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Supports	The application does not contain any prerecorded audio-only and prerecorded video-only media.
1.2.2 Captions (Prerecorded) (Level A)	Supports	The application does not contain any prerecorded audio content in synchronized media.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Supports	The application does not contain any prerecorded video content.
1.3.1 Info and Relationships (Level A)	Partially Supports	Most of the information, structure and relationships in the application can be programmatically determined. The headings have the proper heading markup indicating they are headings and there are logical fieldsets for groups of controls. A rating of Partially Supports has been given for the following reasons: • The input fields indicating the grade level do not have valid labels. • The input fields for the words and percentage in the Match Filter form do not have valid labels. • The main content for the Rubric Expander visually looks like a data table but does not have data table markup.
1.3.2 Meaningful Sequence (Level A)	Partially Supports	Most of the information in the application has a logical reading order and coincides with the focus order of the page.

Criteria	Conformance Level	Remarks and Explanations
		A rating of Partially Supports has been given for the following reason: • The menu items for the Help section are not in-line with the control that activates them.
1.3.3 Sensory Characteristics (Level A)	Supports	Instructions provided for understanding and operating content within the application do not rely solely on sensory characteristics of components, such as shape, size, visual location, orientation, or sound. They contain other alternatives that help in identifying what the controls or instructions are for.
1.4.1 Use of Color (Level A)	Partially Supports	Color is not used as the only visual means of identifying information or distinguishing a visual element. A rating of Partially Supports has been given for the following reason: • The matching text that appears in the modal dialog after activating the source in match filter only uses the color red to show the matching text.
1.4.2 Audio Control (Level A)	Supports	The application does not have any audio that plays automatically
2.1.1 Keyboard (Level A)	Partially Supports	Most of the elements in the application, such as the Filters and Settings buttons, Instructor Feedback, etc., are focusable and actionable via keyboard without requiring specific timings for individual keystrokes, except where the

Criteria	Conformance Level	Remarks and Explanations
		underlying function requires input that depends on the path of the user's movement and not just the endpoints. A rating of Partially Supports has been given for the following reasons: • The actionable sources in the Match Filter section are not keyboard accessible. • The actionable buttons in the main content such as Insert:, Thesis:, etc., are not keyboard accessible. • The toggle page navigation control cannot be activated using a keyboard. • The radio buttons in the filter section do not receive keyboard focus.
2.1.2 No Keyboard Trap (Level A)	Partially Supports	The application does not contain any keyboard shortcuts. A rating of Partially Supports has been given for the following reason: • Assistive technology users, such as screen reader users, are not able to use the TAB key to navigate away from the slider in the audio.
2.1.4 Character Key Shortcuts (Level A 2.1 only)	Supports	The application does not implement keyboard shortcuts using only letters.
2.2.1 Timing Adjustable (Level A)	Does Not Support	The application does not provide users with an option to extend their session before it runs out.

Criteria	Conformance Level	Remarks and Explanations
2.2.2 Pause, Stop, Hide (Level A)	Supports	The application does not have any moving, blinking or auto-updating information that starts automatically.
2.3.1 Three Flashes or Below Threshold (Level A)	Supports	The application does not have any content that flashes more than three times, or the flash is below the general flash and flash thresholds.
2.4.1 Bypass Blocks (Level A)	Supports	The application does not have a repetitive section of block that needs bypassing using a skip link.
2.4.2 Page Titled (Level A)	Supports	The pages in the application have meaningful and appropriate page titles.
2.4.3 Focus Order (Level A)	Partially Supports	Many focusable components in the application receive focus in an order that preserves meaning and operability. A rating of Partially Supports has been given for the following reasons: • Focus does not move to newly opened dialog boxes when activating any of the buttons in the main content. • Focus does not move to the appropriate dialog box after activating the source name in Match Filters section.
2.4.4 Link Purpose (In Context) (Level A)	Supports	The purpose of each link can be determined from link text alone, or from the link text together with its programmatically determined link context in the application.
2.5.1 Pointer Gestures (Level A 2.1 only)	Supports	The application does not have any functionality that requires complex gestures, such as multi-point or path-based gestures.

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2.5.2 Pointer Cancellation (Level A 2.1 only)	Supports	The application provides the functionality to cancel events triggered by a single point activation.
2.5.3 Label in Name (Level A 2.1 only)	Supports	Labels and instructions are provided when content requires user input for the application, such as in the Filter section's form fields.
2.5.4 Motion Actuation (Level A 2.1 only)	Supports	The application does not have any user interface components that require motion.
3.1.1 Language of Page (Level A)	Does not Support	The application is using an invalid "en_us" value for the language attribute.
3.2.1 On Focus (Level A)	Supports	The application does not have any user interface which initiates a change of content upon receiving focus.
3.2.2 On Input (Level A)	Supports	The application does not have any user interface component that automatically causes a change of context on input.
3.3.1 Error Identification (Level A)	Supports	The application explicitly identifies any errors that are present when submitting a form.
3.3.2 Labels or Instructions (Level A)	Supports	The application has properly labelled form fields and fieldsets for groups of controls, such as in the Filter section for radio buttons.
4.1.1 Parsing (Level A)	Supports	In content implemented using markup languages, elements have complete start and end tags, elements do not contain duplicate attributes, and any IDs are unique, except where the specifications allow these features.
4.1.2 Name, Role, Value (Level A)	Partially Supports	Some elements have names, roles, states, properties, and values that can be programmatically determined, such as the checkboxes in the Filter section and the buttons, such as Instructor Feedback, etc.

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		A rating of Partially Supports has been given for the following reasons: • The Help header menu does not have a valid ARIA role and attribute indicating it is an actionable menu item. • The expanded state of the buttons in the main content, such as Insert: and Insert Topic:, are not rendered via assistive technology such as screen readers. • The expanded state of the Toggle page navigation control is not rendered via assistive technology such as screen readers. • The actionable source names do not have proper textual equivalents indicating their role and purpose to users. • The input fields for the words and percentage form fields in the Filter sidebar do not have sufficient labels indicating their name and purpose.

Table 2: Success Criteria, Level AA

Notes: The application has a text only version of the Student Feedback and Online Grading Interface that provides the textual equivalent of most of functionalities present which is documented in a separate VPAT Accessibility Conformance Report.

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Supports	The application does not have live audio content in synchronized media.
1.2.5 Audio Description (Prerecorded) (Level AA)	Supports	The application does not have prerecorded video content in synchronized media.
1.3.4 Orientation (Level AA 2.1 only)	Supports	The application supports both orientations and does not restrict display to only one orientation.
1.3.5 Identify Input Purpose (Level AA 2.1 only)	Supports	The application does not have any input field that collects information about the user requiring autocomplete.
1.4.3 Contrast (Minimum) (Level AA)	Partially Supports	The visual presentation of text and images of text mostly have a contrast ratio of at least 4.5:1 and 3:1 for large text. However, a rating of Partially Supports has been given for the following reason: • The selected text in the match filter section with the background color #FCEAEA and foreground color #E42927 has a color contrast ratio of 3.9:1.
1.4.4 Resize text (Level AA)	Supports	Text can be resized without assistive technology up to 200%.
1.4.5 Images of Text (Level AA)	Partially Supports	Text is used to convey information rather than images of text, except where a particular presentation of text is essential to the information being conveyed, like in logotypes. A rating of Partially Supports has been given for the following reason: • The main content has been implemented as an image of the text content.

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1.4.10 Reflow (Level AA 2.1 only)		
1.4.11 Non-text Contrast (Level AA 2.1 only)	Partially Supports	Most of the user interface components and graphical objects have the contrast ratio of at least 3:1 against their adjacent colors. A rating of Partially Supports has been given for the following reason: • The active Help button has a color contrast ratio of 1.6:1 for the visual focus indicator and its adjacent background color.
1.4.12 Text Spacing (Level AA 2.1 only)	Supports	The application allows for the text to increase when the browser is zoomed to 400% to bring it to 340px CSS Width.
1.4.13 Content on Hover or Focus (Level AA 2.1 only)	Supports	The application does not have additional content that appears on hover or focus.
2.4.5 Multiple Ways (Level AA)	Supports	More than one way is available to locate a web page within a set of web pages, except where the web page is the result of, or a step in, a process
2.4.6 Headings and Labels (Level AA)	Supports	When headings and labels exist, they describe topic or purpose.
2.4.7 Focus Visible (Level AA)	Supports	The interactive elements in the application that receives focus shows a visible indication of receiving keyboard focus.

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3.1.2 Language of Parts (Level AA)	Supports	The human language of most passages or phrases in the content can be programmatically determined, except for proper names, technical terms, words of indeterminate language, and words or phrases that have become part of the vernacular of the immediately surrounding text.
3.2.3 Consistent Navigation (Level AA)	Supports	Navigational mechanisms that are repeated on multiple web pages within a set of web pages occur in the same relative order each time they are repeated, unless a change is initiated by the user.
3.2.4 Consistent Identification (Level AA)	Supports	Components that have the same functionality within the application are identified consistently.
3.3.3 Error Suggestion (Level AA)	Supports	Input errors are not automatically detected, they are validated only after submission where applicable.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Supports	The application does not cause legal commitments or financial transactions for the user to occur, does not modify or delete user-controllable data in data storage systems, and does not submit user test responses.
4.1.3 Status Messages (Level AA 2.1 only)	Supports	The application does not contain status messages that needs to receive focus to be rendered via assistive technologies.