Turnitin Accessibility Conformance Report

WCAG Edition

VPAT® Version 2.3 – December 2018

Name of Product/Version: Student Peermark Interface

Product Description: The application provides an interface where the assignments can be reviewed and comments added.

Date: April 19, 2019

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Notes:

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 Peermark 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:

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)	Partially Supports	Most of the controls in the application have proper textual alternatives indicating their role and purpose. A rating of Partially Supports has been given for the following reasons: - The Text Color and Fill buttons do not indicate that they open a menu to choose different colors - The Peermark logo image does not have a valid alternative text. - The buttons in the Tools section used to change the text color or fill do not have valid labels indicating their purpose.
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

Criteria	Conformance Level	Remarks and Explanations
		have the proper heading markup indicating they are headings. A rating of Partially Supports has been given for the following reasons: • The heading instructions in the Question form are visually styled as a heading but do not have the structural markup of a heading. • The table information, such as row and column, is rendered when navigating through the form fields in the Questions section.
1.3.2 Meaningful Sequence (Level A)	Supports	All of the information in the application has a logical reading order and coincides with the focus order of the page.
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 in the application. A rating of Partially Supports has been given for the following reasons:

Criteria	Conformance Level	Remarks and Explanations
		• The page tabs in the main content, such as Questions and Comments, visibly look like a tab structure but do not have the necessary keyboard paradigm and textual equivalents indicating it is a tab structure. • The different color options for the text in the Tools dialog do not have textual equivalents indicating what color is present.
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 form fields, print and tool controls, are focusable and actionable via the keyboard without requiring specific timings for individual keystrokes, except where the 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 action of placing a comment in the document is only available to mouse-only users and not keyboard users. • The Comment buttons to expand the user submitted comments do not receive keyboard focus.

Criteria	Conformance Level	Remarks and Explanations
		• The actionable comments in the Comments Panel do not receive keyboard focus.
2.1.2 No Keyboard Trap (Level A)	Supports	The application does not contain any keyboard traps.
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)	Supports	The application does not end the user session without the users knowing about it.
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 block of content that needs to be bypassed.
2.4.2 Page Titled (Level A)	Does Not Support	A rating of Does Not Support has been given for the following reason: • The pages in the application do not have meaningful titles indicating which page the users are in.
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: • When the Submit button is activated with errors, the modal dialog containing

Criteria	Conformance Level	Remarks and Explanations
		the error information is activated but the focus remains in the Submit button. Assistive technology, such as screen readers, may not render the information presented by the modal dialog.
2.4.4 Link Purpose (In Context) (Level A)	Supports	The purpose of the links in the application 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.
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 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	A rating of Does Not Support has been given for the following reason: • The application does not have the proper language defined.
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.

Criteria	Conformance Level	Remarks and Explanations
3.3.1 Error Identification (Level A)	Supports	The application explicitly identifies any error that are present when submitting a form.
3.3.2 Labels or Instructions (Level A)	Partially Supports	The application has properly labelled form fields such as in the comments panel to give the rating and comments for the assignment . A rating of Partially Supports has been given for the following reasons: • The rating controls for the papers' readability and strength do not have proper fieldset and legend markup indicating that they are related. • The additional constraint that is 5 Words minimum is not rendered along with the form field.

4.1.1 Parsing (Level A)	Partially Supports	In content implemented using markup languages, elements in the application have complete start and end tags, elements do not contain duplicate attributes, and any IDs are unique, except where the specifications allow these features.
		
		A rating of Partially Supports has been given for the following reason:
		
		• The following ids in the page are not unique and repeated multiple times;
		   ○ qm_quickstart_open_library
		   ○ qm_bub_input
		   ○ qm_contents_200067 - resizable_content_99

Criteria	Conformance Level	Remarks and Explanations
4.1.2 Name, Role, Value (Level A)	Partially Supports	Some elements in the application have names, roles, states, properties, and values that can be programmatically determined, such as the input fields when submitting a file or the header links, etc. A rating of Partially Supports has been given for the following reasons: • The Text Color and Fill buttons do not indicate that they open a menu to choose the different colors. • The page tabs in the main content, such as Questions and Comments visibly look like a tab structure but do not have the necessary keyboard paradigm and textual equivalents indicating it is a tab structure. • The radio buttons to rate the papers' strength and readability do not have valid label. The on-screen labels are not programmatically associated with their form fields. • The text area form fields in the Questions form are not programmatically associated with their on-screen labels and as a result, are not rendered along with the form fields. • The buttons in the Tools section to change the text color or fill do not have valid labels indicating their purpose.

Table 2: Success Criteria, Level AA

Notes: The application however has a text only version of the Student Feedback and Online Grading Interface that provides the textual equivalent of most of functionalities present which will be audited and documented in a separate VPAT.

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 orientation 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 fields 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 in the application. A rating of Partially Supports has been given for the following reason: • The Save and Submit buttons do not have sufficient color contrast ratio. The foreground color #FFFFFF and background color #888888 have a color contrast ratio of 3.5:1 which is less than the WCAG recommended color contrast ratio of 4.5:1 for standard text 18pt or less.

Criteria	Conformance Level	Remarks and Explanations
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)	Does Not Support	Text in the application 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. This is present in the Questions panel or the Comments panel. A rating of Does Not Support has been given for the following reason: • The main content, which is critical for understanding the text and content, is structured using an image and not text. As a result, the content is not available to assistive technology users, such as screen reader users, to be able to perform tasks like adding comments or reviewing comments specific to a location or text in the content.
1.4.10 Reflow (Level AA 2.1 only)	Partially Supports	The application allows for reflow of the text when zoomed to 400%. A rating of Partially Supports has been given for the following reason: • Horizontal scrolling is present when the application is zoomed to 400%. As a result, users have to go back and forth when trying to read the text.

Criteria	Conformance Level	Remarks and Explanations
1.4.11 Non-text Contrast (Level AA 2.1 only)	Supports	Most of the user interface components and graphical objects that shows a visual indication of keyboard focus in the application has the contrast ratio of at least 3:1 against its adjacent colors.
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 in the application.
2.4.6 Headings and Labels (Level AA)	Supports	When headings and labels exist, they describe topic or purpose in the application.
2.4.7 Focus Visible (Level AA)	Supports	The interactive elements in the application that receive focus show a visible indication of receiving keyboard focus.
3.1.2 Language of Parts (Level AA)	Supports	The human language of most passages or phrases in the application's 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 in the application occur in the same relative order each time they are repeated, unless a change is initiated by the user.

Criteria	Conformance Level	Remarks and Explanations
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 in the application.
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 technology.