# Turnitin Accessibility Conformance Report WCAG Edition

## Name of Product/Version:

Student Content Management System Interface

## Report Date:

March 2020

## Product Description:

The application provides an interface where students can submit assignments

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## Notes:

## Evaluation Methods Used:

Testing the Turnitin application involved a combination of manual and functional testing on a Windows desktop. A selection of pages representative of the Student Content Management System Interface were comprehensively tested using, among other methodology, the screen reader JAWS 2020, exclusive use of the keyboard, browser zoom, and manual inspection of the code and Accessibility API output.

## 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](http://www.w3.org/TR/2008/REC-WCAG20-20081211) | Level A (Yes)  Level AA (Yes)  Level AAA (No) |
| [Web Content Accessibility Guidelines 2.1](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.x Conformance Requirements.](https://www.w3.org/TR/WCAG20/#conformance-reqs)

### Table 1: Success Criteria, Level A

Notes:

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| --- | --- | --- |
| Criteria | Conformance Level | Remarks and Explanations |
| [**1.1.1 Non-text Content**](http://www.w3.org/TR/WCAG20/#text-equiv-all) (Level A) | Partially Supports | Most of the controls in the Student Content Management Interface have proper textual alternatives indicating its role and purpose.  A rating of Partially Supports has been given for the following reasons:   * The tooltip controls under Info do not indicate that they are actionable. |
| [**1.2.1 Audio-only and Video-only (Prerecorded)**](http://www.w3.org/TR/WCAG20/#media-equiv-av-only-alt) (Level A) | Supports | The application does not contain any prerecorded audio-only and prerecorded video-only media. |
| [**1.2.2 Captions (Prerecorded)**](http://www.w3.org/TR/WCAG20/#media-equiv-captions) (Level A) | Supports | The application does not contain any prerecorded audio content in synchronized media. |
| [**1.2.3 Audio Description or Media Alternative (Prerecorded)**](http://www.w3.org/TR/WCAG20/#media-equiv-audio-desc) (Level A) | Supports | The application does not contain any prerecorded video content. |
| [**1.3.1 Info and Relationships**](http://www.w3.org/TR/WCAG20/#content-structure-separation-programmatic) (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 group of controls.  A rating of Partially Supports has been given for the following reasons:   * The date cells in the Assignment Info contains CSS defined nested data tables and retains the functional semantic structure of a data table nested within a data table |
| [**1.3.2 Meaningful Sequence**](http://www.w3.org/TR/WCAG20/#content-structure-separation-sequence) (Level A) | Supports | Most 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**](http://www.w3.org/TR/WCAG20/#content-structure-separation-understanding)(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**](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-without-color) (Level A) | Partially Supports | Color is generally 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 selected link the header, such as Class Portfolio, has a visual color change for the background but does not have a programmatic indication. |
| [**1.4.2 Audio Control**](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-dis-audio) (Level A) | Supports | The application does not have any audio that plays automatically |
| [**2.1.1 Keyboard**](http://www.w3.org/TR/WCAG20/#keyboard-operation-keyboard-operable) (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 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 tooltip controls under Info do not indicate that they are actionable by keyboard. |
| [**2.1.2 No Keyboard Trap**](http://www.w3.org/TR/WCAG20/#keyboard-operation-trapping) (Level A) | Supports | The application does not have instances of keyboard focus becoming trapped in a component |
| [**2.1.4 Character Key Shortcuts**](https://www.w3.org/TR/WCAG21/#character-key-shortcuts) (Level A 2.1 only) | Supports | The application does not implement keyboard shortcuts using only letters. |
| [**2.2.1 Timing Adjustable**](http://www.w3.org/TR/WCAG20/#time-limits-required-behaviors) (Level A) | Supports | The application does provide users with an option to extend their session before it runs out. |
| [**2.2.2 Pause, Stop, Hide**](http://www.w3.org/TR/WCAG20/#time-limits-pause) (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**](http://www.w3.org/TR/WCAG20/#seizure-does-not-violate) (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**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-skip) (Level A) | Partially Supports | Some of the pages in the application, such as the File upload section, do not have a repetitive block that needs to be bypassed.  A rating of Partially Supports has been given for the following reason:   * The Class Portfolio page does not have a valid skip link that allows users to bypass the repetitive header menus. |
| [**2.4.2 Page Titled**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-title) (Level A) | Supports | The pages in the application have meaningful titles indicating which page the users are in. |
| [**2.4.3 Focus Order**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-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:   * The focus does not move to the newly opened dialog box when activating the Write review link for each assignment * Some of the elements in the homepage have tabindex=”0” despite being natively focusable, which is unnecessary and could cause anomalous behavior |
| [**2.4.4 Link Purpose (In Context)**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-refs) (Level A) | Partially Supports | The purpose of some of the links, such as in the header, or the links, such as Class Portfolio, Discussion, etc., can be determined from link text alone, or from the link text together with its programmatically determined link context in the application.  A rating of Partially Supports has been given for the following reasons:   * The document image link is indicated by the document name and may not be meaningful for users. * The Write Review link for each assignment does not indicate that it opens a dialog box. |
| [**2.5.1 Pointer Gestures**](https://www.w3.org/TR/WCAG21/#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**](https://www.w3.org/TR/WCAG21/#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**](https://www.w3.org/TR/WCAG21/#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**](https://www.w3.org/TR/WCAG21/#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**](http://www.w3.org/TR/WCAG20/#meaning-doc-lang-id) (Level A) | Supports | The application has the proper language defined. |
| [**3.2.1 On Focus**](http://www.w3.org/TR/WCAG20/#consistent-behavior-receive-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**](http://www.w3.org/TR/WCAG20/#consistent-behavior-unpredictable-change) (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**](http://www.w3.org/TR/WCAG20/#minimize-error-identified) (Level A) | Supports | The application explicitly identifies any error that are present when submitting a form. |
| [**3.3.2 Labels or Instructions**](http://www.w3.org/TR/WCAG20/#minimize-error-cues) (Level A) | Supports | The application has properly labelled form fields and fieldsets for group of controls, such as in the file submission forms. |
| [**4.1.1 Parsing**](http://www.w3.org/TR/WCAG20/#ensure-compat-parses) (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**](http://www.w3.org/TR/WCAG20/#ensure-compat-rsv) (Level A) | Supports | Elements 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 info opened by the tooltip controls is only open as long as the control has focus, making it not accessible |

### Table 2: Success Criteria, Level AA

Notes:

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| --- | --- | --- |
| Criteria | Conformance Level | Remarks and Explanations |
| [**1.2.4 Captions (Live)**](http://www.w3.org/TR/WCAG20/#media-equiv-real-time-captions) (Level AA) | Supports | The application does not have live audio content in synchronized media. |
| [**1.2.5 Audio Description (Prerecorded)**](http://www.w3.org/TR/WCAG20/#media-equiv-audio-desc-only) (Level AA) | Supports | The application does not have prerecorded video content in synchronized media. |
| [**1.3.4 Orientation**](https://www.w3.org/TR/WCAG21/#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**](https://www.w3.org/TR/WCAG21/#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)**](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-contrast) (Level AA) | 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. |
| [**1.4.4 Resize text**](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-scale) (Level AA) | Partially Supports | Text can be resized without assistive technology up to 200%.  A rating of Partially Supports has been given for the following reason:   * The application is provided a user scalable attribute set to “No” which may not allow users to resize the text in the homepage. |
| [**1.4.5 Images of Text**](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-text-presentation) (Level AA) | 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. |
| [**1.4.10 Reflow**](https://www.w3.org/TR/WCAG21/#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:   * The horizontal scrolling is present when the application is zoomed to 400% in the homepage and users have to go back and forth between trying to read the text. |
| [**1.4.11 Non-text Contrast**](https://www.w3.org/TR/WCAG21/#non-text-contrast) (Level AA 2.1 only) | Supports | All user interface components and graphical objects have a contrast ratio of at least 3:1 against adjacent colors. |
| [**1.4.12 Text Spacing**](https://www.w3.org/TR/WCAG21/#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**](https://www.w3.org/TR/WCAG21/#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**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-mult-loc) (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**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-descriptive) (Level AA) | Supports | When headings and labels exist, they describe topic or purpose. |
| [**2.4.7 Focus Visible**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-focus-visible) (Level AA) | Partially Supports | The interactive elements in the application that receives focus shows a visible indication of receiving keyboard focus.  A rating of Partially Supports has been given for the following reason:   * Most of the actionable elements in the homepage, such as the menus or the buttons within the data table, do not show a visual indication of the elements receiving keyboard focus. |
| [**3.1.2 Language of Parts**](http://www.w3.org/TR/WCAG20/#meaning-other-lang-id) (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**](http://www.w3.org/TR/WCAG20/#consistent-behavior-consistent-locations) (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**](http://www.w3.org/TR/WCAG20/#consistent-behavior-consistent-functionality) (Level AA) | Supports | Components that have the same functionality within the application are identified consistently. |
| [**3.3.3 Error Suggestion**](http://www.w3.org/TR/WCAG20/#minimize-error-suggestions) (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)**](http://www.w3.org/TR/WCAG20/#minimize-error-reversible) (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**](https://www.w3.org/TR/WCAG21/#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. |

## Legal Disclaimer (Company)

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