

# Accessibility Conformance Report

## WCAG Edition

(Based on VPAT® Version 2.4Rev)

**Name of Product/Version:** HelioCampus Assessment and Credentialing (formerly AEFIS) version 3.89

**Report Date:** March 17, 2023

**Product Description:** HelioCampus Assessment and Credentialing (formerly AEFIS) offers a unified platform for managing institutional assessment and accreditation, planning for continuous improvement, and connecting authentic lifelong learning to help improve learner success. Our platform enables easy automation of evaluation, supports individual student assessment, facilitates curriculum mapping and review, streamlines campus-wide accreditation processes, and helps to achieve strategic and educational goals.

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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 Partially 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

- Windows with Google Chrome and Zoom
- Windows with Google Chrome and Color Contrast Analyzer
- Windows with Google Chrome and HeadingsMap
- iOS with Safari and VoiceOver

## 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
<a href="#">Web Content Accessibility Guidelines 2.0</a>	Level A (Yes) Level AA (Yes) Level AAA (No)
<a href="#">Web Content Accessibility Guidelines 2.1</a>	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 2.1 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
<p><a href="#">1.1.1 Non-text Content</a> (Level A)</p>	<p><b>Partially Supports</b></p>	<p><b>Features:</b>                      For the informative images in the application alternative text is provided and the decorative images are hidden for the screen reader users. However, there are a few exceptions where either unnecessary description is provided to decorative images or informative images are not coded properly for the screen reader users.</p> <p><b>Exceptions:</b></p> <p><b>Admin Persona:</b></p> <ol style="list-style-type: none"> <li>Admin - Dashboard - Header: The image description as "Institution Logo" doesn't accurately describe the content of the logo image "AEFIS University".</li> <li>Admin - Survey Results Aggregate: The unnecessary text as "equalizer" is defined for the decorative icon "equalizer". The screen reader announces "equalizer" for the decorative icon "equalizer".</li> <li>Admin - Assessments - Assessment Results - Results flows - Aggregate Results: The chart "Performance Goal" doesn't have a text alternative or long description.</li> <li>Admin - Dashboard: The decorative icon associated with the text "Draft courses in the catalog require your attention" receives an unnecessary swipe focus.</li> </ol>
<p><a href="#">1.2.1 Audio-only and Video-only (Prerecorded)</a> (Level A)</p>	<p><b>Not Applicable</b></p>	<p><b>Features:</b>                      There is no audio-only and video-only content present in the application.</p>

Criteria	Conformance Level	Remarks and Explanations
<a href="#">1.2.2 Captions (Prerecorded)</a> (Level A)	<b>Not Applicable</b>	<p><b>Features:</b></p> <p>There are no videos or multimedia content present in the application which requires captions.</p>
<a href="#">1.2.3 Audio Description or Media Alternative (Prerecorded)</a> (Level A)	<b>Not Applicable</b>	<p><b>Features:</b></p> <p>There is no multimedia content present in the application which requires audio descriptions.</p>
<a href="#">1.3.1 Info and Relationships</a> (Level A)	<b>Partially Supports</b>	<p><b>Features:</b></p> <p>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. However, there are a few exceptions where visually impaired users face difficulty in understanding the information and its corresponding relationships.</p> <p><b>Exceptions:</b></p> <p><b>Student Persona:</b></p> <ol style="list-style-type: none"> <li>1. My Journey - Dashboard: The text "Where are my badges" is not indicated as a "heading".</li> <li>2. My Journey - Dashboard - Save Action Items Draft: The required combobox "The instructor provided me clear, useful, and timely feedback" and "The instructor was available and helpful when asked" are not announced as such by the screen reader.</li> <li>3. My Journey - Dashboard - Save Action Items Draft: Related form controls not grouped. The radio buttons "Excellent", "Good", "Neutral" are not grouped programmatically and do not have a legend.</li> </ol> <p><b>Admin Persona:</b></p> <ol style="list-style-type: none"> <li>1. Admin - Survey Template Designer: The relationship of data cells with column headers and row headers is not defined.</li> </ol>

Criteria	Conformance Level	Remarks and Explanations
		<p>2. Admin - Assignment Linking: The button "Scale settings", "Collapse/Expand" in the list are announced in one go when focused and the user cannot select and/or activate them individually.</p> <p>3. Admin - Form: Proposal for New Co-Curricular Creation - Community Health Comm [COMM] - Header actions - Table of Contents: The list item "Educational Experience Information" does not have a &lt;ul&gt;, &lt;ol&gt; parent element.</p> <p>4. Admin - Student Outcomes: The toggletip buttons "Action Items", "Notes", "Documents", etc. are announced in one go when focused and the user cannot select and/or activate them individually.</p> <p><b>Instructor Perosna:</b></p> <p>1. Instructor - Portfolio Form - Faculty Background: The screen reader does not announce the days name "Sunday", "Monday" etc.</p> <p>2. Instructor - Portfolio Form - Faculty Background: The screen reader announces the "Months name" with only starting three words "Jan", "Feb", "Mar" etc.</p> <p>3. Course Section Instructors: "Complementary landmark" is implemented in "Banner landmark" &amp; "Main landmark".</p> <p>4. Course Section Instructors: The semantic structure of the table is not implemented properly.</p> <p>5. Instructor - Course Section Assignments - Add Assignment flow: The required fields "Enter a name for the assignment", "Enter an assignment description", "Start date" etc. are not visually indicated.</p>
<p><a href="#">1.3.2 Meaningful Sequence</a> (Level A)</p>	<p><b>Partially Supports</b></p>	<p><b>Features:</b></p> <p>The screen reader announces content in the application in a meaningful sequence. However, there are a few exceptions where the reading order is illogical.</p>

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		<p><b>Exception:</b></p> <p><b>Admin Perosna:</b></p> <ol style="list-style-type: none"> <li>Admin - Dashboard - Header: The screen reader reads the content button "Go to AEFIS Dashboard" etc. present inside the expanded menu of the button "AEFIS Main Menu" without expanding it after the button "User Options".</li> <li>Admin - Survey Template Metric - Edit flow: The reading order provided after submenu button "Action" is not meaningful.</li> </ol> <p><b>Instructor Persona:</b></p> <ol style="list-style-type: none"> <li>Instructor - Course Sections - Survey Questions: The reading order provided in main region is not meaningful.</li> </ol>
<p><a href="#">1.3.3 Sensory Characteristics</a> (Level A)</p>	<p><b>Partially Supports</b></p>	<p><b>Features:</b></p> <p>Textual alternative is available for the information, which is presented in the form of sensory characteristics. However, there is an exception where the information is only presented in the form of shape and size.</p> <p><b>Exception:</b></p> <p><b>Admin Persona:</b></p> <ol style="list-style-type: none"> <li>Admin - Dashboard: The "More Info" icons rely only on sensory characteristics as decorative icons.</li> </ol>
<p><a href="#">1.4.1 Use of Color</a> (Level A)</p>	<p><b>Supports</b></p>	<p><b>Features:</b></p> <p>Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.</p>
<p><a href="#">1.4.2 Audio Control</a> (Level A)</p>	<p><b>Not Applicable</b></p>	<p><b>Features:</b></p> <p>There is no such audio available in the application, which plays automatically as soon as the page is launched.</p>

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<p><a href="#">2.1.1 Keyboard</a> (Level A)</p>	<p>Partially Supports</p>	<p><b>Features:</b></p> <p>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. However, there are a few exceptions where the elements are not operable using the keyboard navigation.</p> <p><b>Exceptions:</b></p> <p><b>Student Persona:</b></p> <ol style="list-style-type: none"> <li>1. My Journey - Dashboard - Save Action Items Draft: The user cannot reach the options inside of the combobox "The instructor provided me clear, useful, and timely feedback".</li> </ol> <p><b>Admin Persona:</b></p> <ol style="list-style-type: none"> <li>1. Admin - Dashboard: The user cannot reach the options inside the dropdown button "My Documents Requests Options".</li> <li>2. Admin - Survey Template Designer - Edit flow: The sub-menu button "Survey Section Options" is not closed/collapsed by keyboard using "Esc" key.</li> <li>3. Admin - Assessments - Assigned Courses: The link "NRS 216 2" receives unnecessary dual focus.</li> <li>4. Admin - Dashboard - Header - AEFIS Main Menu: The hoverable button "Syllabus Templates - Add to favorite" is not accessible by the keyboard.</li> <li>5. Admin - Student Outcomes: The focus doesn't reach the toggletip button "?" using the keyboard.</li> </ol> <p><b>Instructor Persona:</b></p> <ol style="list-style-type: none"> <li>1. Instructor - Scorebook - Open Scorebook flow - Student, Olivia - Assignment Submitted: The button "View" is not reachable by the keyboard.</li> <li>2. Instructor - Scorebook: The "Modal window" is not accessible.</li> </ol>

Criteria	Conformance Level	Remarks and Explanations
		<p>3. Header: Tab focus moves to the text "Assigned tasks", "Data Collection Forms" etc. that should not receive focus due to its state.</p> <p>4. Instructor - Course Sections - Survey Questions: Tab focus moves to disabled pagination link "Previous" that should not receive focus due to its state.</p>
<a href="#">2.1.2 No Keyboard Trap</a> (Level A)	<b>Supports</b>	<p><b>Features:</b></p> <p>Focus traverse smoothly and does not get struck during keyboard navigation.</p>
<a href="#">2.1.4 Character Key Shortcuts</a> (Level A 2.1 only)	<b>Not Applicable</b>	<p><b>Features:</b></p> <p>There are no character key shortcuts implemented in the application that conflict with the predefined screen reader shortcuts.</p>
<a href="#">2.2.1 Timing Adjustable</a> (Level A)	<b>Not Applicable</b>	<p><b>Features:</b></p> <p>There are no time-based activities available in the web application for which any time adjustable method is needed.</p>
<a href="#">2.2.2 Pause, Stop, Hide</a> (Level A)	<b>Supports</b>	<p><b>Features:</b></p> <p>There is no moving content in the application where content changes automatically and requires a mechanism to pause, Stop or hide it.</p>
<a href="#">2.3.1 Three Flashes or Below Threshold</a> (Level A)	<b>Not Applicable</b>	<p><b>Features:</b></p> <p>There is no flashing or blinking content present anywhere in the application.</p>
<a href="#">2.4.1 Bypass Blocks</a> (Level A)	<b>Partially Supports</b>	<p><b>Features:</b></p> <p>There is a mechanism available to bypass blocks of content that are repeated on multiple Web pages. However, there are a few exceptions where the same name is provided for multiple</p>

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		<p>landmarks, making it difficult for the screen reader users to distinguish them.</p> <p><b>Exceptions:</b></p> <p><b>Admin Persona:</b></p> <ol style="list-style-type: none"> <li>Admin - Dashboard - Header: More than one instance of "Navigation landmark" is present and cannot be distinguished because different programmatically defined labels are not provided.</li> </ol> <p><b>Instructor Persona:</b></p> <ol style="list-style-type: none"> <li>Course Section Instructors: Multiple instances of "Navigation landmark" &amp; "Complementary landmark" are present and cannot be distinguished because different programmatically defined labels are not provided.</li> <li>Instructor – Scorebook - Open Scorebook flow: Two instances of "Banner landmark" are present and cannot be distinguished because different programmatically defined labels are not provided.</li> </ol>
<p><a href="#">2.4.2 Page Titled</a> (Level A)</p>	<p><b>Supports</b></p>	<p><b>Features:</b></p> <p>In the application, all the pages have unique page titles to understand the context of the pages.</p>
<p><a href="#">2.4.3 Focus Order</a> (Level A)</p>	<p><b>Partially Supports</b></p>	<p><b>Features:</b></p> <p>The application components receive focus in a meaningful order. However, there are a few exceptions where the focus is not in logical order.</p> <p><b>Exceptions:</b></p> <p><b>Admin Persona:</b></p> <ol style="list-style-type: none"> <li>Admin - Dashboard: Focus is not trapped within the modal</li> </ol>

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		<p>window and the modal is not closed by pressing the ESC key.</p> <ol style="list-style-type: none"> <li>2. Admin - Form: Proposal for New Co-Curricular Creation - Community Health Comm [COMM] - Header actions - Table of Contents: Focus is not trapped within the expanded menu.</li> <li>3. Admin - Student Outcomes: The button "Export" doesn't have a logical navigation sequence using only the keyboard.</li> <li>4. Admin - Dashboard: The combobox "Widgets options" don't have a logical navigation sequence. The focus is not trap within combobox "Widgets options".</li> <li>5. Admin - Dashboard - Search Aefis: Focus is not trapped within the modal.</li> </ol> <p><b>Instructor Persona:</b></p> <ol style="list-style-type: none"> <li>1. Instructor - Course Section Assignments - Refresh LMS Assignments flow: The "Export" button doesn't have a logical navigation sequence using only the keyboard.</li> <li>2. Instructor - Portfolio Form - Intellectual Contributions: Focus does not move directly "Intellectual Contribution" modal and remain present on the background page using only the keyboard.</li> <li>3. Instructor - Course Syllabus - Edit Syllabus flow: After reaching the link "instructor@university.edu", TAB focus moves to the content behind the page.</li> <li>4. Instructor - Course Sections - Section History: The screen reader focus moves inside the combobox "Add filters" without expanding it.</li> <li>5. Header: The "AEFIS main menu" button does not have a logical navigation sequence using the swipe gesture navigation.</li> </ol>
<p><a href="#">2.4.4 Link Purpose (In Context)</a> (Level A)</p>	<p><b>Partially Supports</b></p>	<p><b>Features:</b></p> <p>The purpose of each link in the application can be determined from the link text alone or from the programmatic context of the</p>

Criteria	Conformance Level	Remarks and Explanations
		<p>link. However, there are a few exceptions where link text is not descriptive enough to understand the link meaning.</p> <p><b>Exceptions:</b></p> <p><b>Admin Persona:</b></p> <ol style="list-style-type: none"> <li>Admin - Dashboard: The link "55" is not descriptive or doesn't provide accurate information about where it redirects the user.</li> </ol> <p><b>Instructor Persona:</b></p> <ol style="list-style-type: none"> <li>Instructor - Course Sections - Evaluation Results: The pagination links is not descriptive or accurate or doesn't provide accurate information about where it redirects the user.</li> </ol>
<p><a href="#">2.5.1 Pointer Gestures</a> (Level A 2.1 only)</p>	<p><b>Partially Supports</b></p>	<p><b>Features:</b></p> <p>There are some functionalities present in the application with complex pointer gestures where an alternative means for operating the content is provided. However, there is an exception where the functionality is only available via path-based gestures.</p> <p><b>Exceptions:</b></p> <p><b>Admin Persona:</b></p> <ol style="list-style-type: none"> <li>Admin - Dashboard: The drag and drop activity is not accessible to keyboard and screen reader users.</li> </ol>
<p><a href="#">2.5.2 Pointer Cancellation</a> (Level A 2.1 only)</p>	<p><b>Supports</b></p>	<p><b>Features:</b></p> <p>The application functions that use a single pointer are completed when the user releases the pointer.</p>
<p><a href="#">2.5.3 Label in Name</a> (Level A 2.1 only)</p>	<p><b>Partially Supports</b></p>	<p><b>Features:</b></p> <p>Visual labels match with the accessible or programmatic names for all the elements. However, there are a few exceptions where</p>

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		<p>the visual label is different than the programmatical name.</p> <p><b>Exceptions:</b></p> <p><b>Admin Persona:</b></p> <ol style="list-style-type: none"> <li>Admin - Survey Template Designer: The visible label "Edit" of the button is not included in the programmatic name. Note: Instances of this issue were discovered. Please refer to the screenshots for details.</li> <li>Admin - Assessments - Assigned Courses - Add/Remove Courses flow: The visible label "Update Assignment" of the dropdown button is not included in the programmatic name.</li> </ol>
<p><a href="#">2.5.4 Motion Actuation</a> (Level A 2.1 only)</p>	<p><b>Not Applicable</b></p>	<p><b>Features:</b></p> <p>The application does not have functionality operated by the device motion or user motion.</p>
<p><a href="#">3.1.1 Language of Page</a> (Level A)</p>	<p><b>Supports</b></p>	<p><b>Features:</b></p> <p>The default language of the application is defined using the lang attribute in the HTML markup.</p>
<p><a href="#">3.2.1 On Focus</a> (Level A)</p>	<p><b>Partially Supports</b></p>	<p><b>Features:</b></p> <p>The application components do not initiate a change of context when focused. However, there are a few exceptions where context changes automatically on receiving the keyboard focus.</p> <p><b>Exceptions:</b></p> <p><b>Student Persona:</b></p> <ol style="list-style-type: none"> <li>My Journey - Learning Evidence (Templated) - Add Evidence Flow: When the button "Cancel" receives focus, there is an automatic and unexpected change of context.</li> </ol> <p><b>Admin Persona:</b></p> <ol style="list-style-type: none"> <li>Admin - Form: Proposal for New Co-Curricular Creation -</li> </ol>

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		<p>Community Health Comm [COMM] - Header actions - Manage Artifacts - Add Task: When the edit field "Task Deadline" receives focus, there is an automatic and unexpected change of context.</p> <p><b>Instructor Persona:</b></p> <ol style="list-style-type: none"> <li>Instructor - Course Section Assignments - Add Assignment flow: When the edit fields "Start date", "Due date", "Score due date" receives focus, calendar expanded automatically.</li> </ol>
<p><a href="#">3.2.2 On Input</a> (Level A)</p>	<p><b>Partially Supports</b></p>	<p><b>Features:</b></p> <p>Change of context does not occur automatically on user input. However, there are a few exceptions where change of context occurs automatically on user input.</p> <p><b>Exceptions:</b></p> <p><b>Student Persona:</b></p> <ol style="list-style-type: none"> <li>My Journey - Learners Skills (Templated) - Filter Flow (Templated): After selecting any option from the combobox "Select a skill set", there is an automatic change of context outside the modal window without a previous notification.</li> </ol> <p><b>Admin Persona:</b></p> <ol style="list-style-type: none"> <li>Admin - Dashboard - Header - Search AEFIS: There is an automatic change of context without a previous notification after typing "as" in the edit field "Search".</li> <li>Admin - Form: Proposal for New Co-Curricular Creation - Community Health Comm [COMM]: When changing the radio buttons "Yes" and "No", "2", there is an automatic and unexpected change of context.</li> </ol>
<p><a href="#">3.3.1 Error Identification</a> (Level A)</p>	<p><b>Partially Supports</b></p>	<p><b>Features:</b></p> <p>In the application, where errors occur automatically, the screen</p>

Criteria	Conformance Level	Remarks and Explanations
		<p>reader identifies the error, and an error message is provided as text. However, there are a few exceptions where error message is either not implemented or not descriptive enough for the screen reader users.</p> <p><b>Exceptions:</b></p> <p><b>Admin Persona:</b></p> <ol style="list-style-type: none"> <li>1. Admin - Dashboard - Header - Search AEFIS: There is a visible error message "There was an error ...." but the screen reader user is not aware that an error has occurred because it is not programmatically associated.</li> <li>2. Admin - Form: Proposal for New Co-Curricular Creation - Community Health Comm [COMM] - Header actions - Manage Artifacts - Add Task: There is a visible error message "Unable to submit the form" after activating the button "Save" but, the screen reader user is not aware that an error has occurred because it is not programmatically associated.</li> <li>3. Admin - Form: Proposal for New Co-Curricular Creation - Community Health Comm [COMM] - Header actions - Manage Artifacts - Add Task: The error message "This field is required" is not descriptive, the user is unable to identify what is wrong.</li> <li>4. Admin - Survey Results Aggregate - Export flows - Survey Form Preview flows - Close: There is no error message "Please fill out all the required form fields" provided to the user after activating the button "I'm Finished, Submit".</li> </ol> <p><b>Instructor Persona:</b></p> <ol style="list-style-type: none"> <li>1. Instructor - Course Section Assignments - Add Assignment flow: On activating "Save" button, there is a visible error message "Unable to submit the form" but the screen reader user is not aware that an error has occurred because it is not programmatically associated.</li> </ol>

Criteria	Conformance Level	Remarks and Explanations
		<p>2. Instructor - Course Section Assignments - Add Assignment flow: The error message "Unable to submit the form" is not descriptive, the user is unable to identify what is wrong.</p>
<p><a href="#">3.3.2 Labels or Instructions</a> (Level A)</p>	<p><b>Partially Supports</b></p>	<p><b>Features:</b> The UI elements are provided with correct and meaningful labels. However, there are a few exceptions where the input fields are not labelled programmatically.</p> <p><b>Exceptions:</b></p> <p><b>Student Persona:</b></p> <p>1. My Journey - Dashboard - Save Action Items Draft: No label is provided for the radio buttons "Excellent", "Good", "Neutral" etc.</p> <p><b>Admin Persona:</b></p> <p>1. Admin - Form: Proposal for New Co-Curricular Creation - Community Health Comm [COMM]: No label is provided for the buttons "Yes" and "No".</p> <p>2. Admin - Form: Proposal for New Co-Curricular Creation - Community Health Comm [COMM]: No label is provided for the edit field "Search College".</p> <p><b>Instructor Persona:</b></p> <p>1. Instructor - Portfolio Form - Previous Versions: Visual label is not provided for the edit field "Search".</p> <p>2. Instructor - Course Syllabus - Edit Syllabus flow: The editable section "Course Materials Textbook(s)" doesn't have a label.</p>
<p><a href="#">4.1.1 Parsing</a> (Level A)</p>	<p><b>Partially Supports</b></p>	<p>The application uses semantically correct markup for all interface elements, has complete start and end tags, and has tags with unique ID values. However, there are a few exceptions where the IDs of elements are not unique.</p>

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		<p><b>Exception:</b></p> <p><b>Admin Persona:</b></p> <ol style="list-style-type: none"> <li>Admin - Dashboard: The value of the active ID is not unique. Duplicate IDs found: id="aefis-dashboard-welcome-message".</li> <li>Admin - Survey Template Designer - Edit flow - Question-3 - Edit: The value of the active ID is not unique. Duplicate IDs found: id="NoAnswerOptionText"</li> </ol>
<p><a href="#">4.1.2 Name, Role, Value</a> (Level A)</p>	<p><b>Partially Supports</b></p>	<p><b>Features:</b></p> <p>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. However, there are some exceptions where Name/Role/Value is not associated properly for the elements.</p> <p><b>Exceptions:</b></p> <p><b>Student Persona:</b></p> <ol style="list-style-type: none"> <li>My Journey - Dashboard - Header: The state of the buttons "show action items", "account of current user", "My Journey" and "Experiences", whether its content is collapsed or expanded, is not announced by the screen reader.</li> <li>My Journey - Dashboard - Header: The screen reader does not announce the "Current page" for the current active state of link "Learning Journey Home".</li> </ol> <p><b>Admin Persona:</b></p> <ol style="list-style-type: none"> <li>Admin - Assessments - Settings: The Date Picker is implemented incorrectly.</li> <li>Admin - Assessments - Assigned Courses: The list items "Subject", "College", "Department", etc are not operable using Enter key or Spacebar while navigating with screen reader.</li> </ol>

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		<p>3. Admin - Dashboard: The state of the button "My Documents Requests Options", whether its content is collapsed or expanded, is not announced by the screen reader.</p> <p>4. Admin - Programs - Details: The edit field doesn't have a role that programmatically defines the function of the control.</p> <p>5. Admin - Assessments - Assigned Courses: The state of the sortable header, whether its content is descending or ascending, is not announced by the screen reader.</p> <p><b>Instructor Persona:</b></p> <p>1. Header: The link "Sign Out of AEFIS" is not reachable while using the screen reader with down arrow key or tab key both.</p> <p>2. Instructor - Course Sections - Survey Questions: The elements "asterisk", "Comment", "Ascending numeric values" etc are not reachable while using the screen reader.</p> <p>3. Instructor - Course Section Assignments - Add Assignment flow: The screen reader does not announce the components present within calendar. Also, the date picker is not accessible by keyboard using tab key.</p>

**Table 2: Success Criteria, Level AA**

Notes:

Criteria	Conformance Level	Remarks and Explanations
<a href="#">1.2.4 Captions (Live)</a> (Level AA)	<b>Not Applicable</b>	<p><b>Features:</b></p> <p>There is no live multimedia content present in the application.</p>
<a href="#">1.2.5 Audio Description (Prerecorded)</a> (Level AA)	<b>Not Applicable</b>	<p><b>Features:</b></p> <p>There is no multimedia content present in the application which requires audio descriptions.</p>

Criteria	Conformance Level	Remarks and Explanations
<a href="#">1.3.4 Orientation</a> (Level AA 2.1 only)	<b>Supports</b>	<p><b>Features:</b></p> <p>Content doesn't restrict its view and operation to a single display orientation in the application. The users are able to view the application in the landscape mode.</p>
<a href="#">1.3.5 Identify Input Purpose</a> (Level AA 2.1 only)	<b>Supports</b>	<p><b>Features:</b></p> <p>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.</p>
<a href="#">1.4.3 Contrast (Minimum)</a> (Level AA)	<b>Partially Supports</b>	<p><b>Features:</b></p> <p>The application has sufficient color contrast ratios i.e., 4.5:1 for most of the regular text present in the application. However, there are a few exceptions where color contrast ratio is less than the standard ratio for regular text i.e., 4.5:1.</p> <p><b>Exceptions:</b></p> <p><b>Admin Persona:</b></p> <ol style="list-style-type: none"> <li>Admin - Form: Proposal for New Co-Curricular Creation - Community Health Comm [COMM] - Header actions - Manage Artifacts - Add Task: The contrast ratio between the foreground color of the date text "8" and its background color is less than 4.5:1.</li> <li>Admin - Form: Proposal for New Co-Curricular Creation - Community Health Comm [COMM] - Edit Syllabus flow: The contrast ratio between the foreground color of the text "Instructor Name", "Instructor Campus Address" etc and its background color is less than 4.5:1.</li> <li>Admin - Survey Results Aggregate: The contrast ratio between the foreground color of the text "course" and its</li> </ol>

Criteria	Conformance Level	Remarks and Explanations
		<p>background color is less than 4.5:1.</p> <p>4. Admin - Programs - Student Outcomes - Educational Experience: In main region, the color contrast ratio between the placeholder text "Search" and its background is less than 4.5:1.</p> <p><b>Instructor Persona:</b></p> <p>1. Header: The color contrast ratio between the foreground color of placeholder text "Enter Keyword(s) to Search" of edit field and its background is less than 4.5:1.</p>
<p><a href="#">1.4.4 Resize text</a> (Level AA)</p>	<p><b>Partially Supports</b></p>	<p><b>Features:</b></p> <p>All the application content and user interfaces support standard zoom capabilities built into modern web view and operating systems. However, there are a few exceptions where the zooming is disabled on the page.</p> <p><b>Exceptions:</b></p> <p><b>Admin Persona:</b></p> <ol style="list-style-type: none"> <li>Admin - Dashboard - Action Items Drawer - Settings: The checkbox "Automatically Open Action Items" goes beyond the user's visual range and is incomprehensible because the context is lost.</li> <li>Admin - Form: Proposal for New Co-Curricular Creation - Community Health Comm [COMM] - Delete: The buttons "Actions" and "Exit form" is blocking the content from view.</li> <li>Admin - Survey Results Aggregate: The webpage content does not adapt to the screen width, so the user needs to scroll in both directions to read.</li> <li>Admin - Survey Results Aggregate - Re-Open Survey flow: The datepicker field "Results Available" is truncated. The user is not able to see part of the content presented on the webpage.</li> <li>Admin - Assignment Linking: The content of the page</li> </ol>

Criteria	Conformance Level	Remarks and Explanations
		<p>becomes overlapped on iPad. The user is not able to see part of the content presented on the webpage.</p> <p>6. Admin - Survey Template Metrics: The button "Publish" gets overlapped with the heading text "Institution End of Term Course Evaluation (Copy)" in a "Portrait mode".</p> <p>7. Admin - Survey Results Aggregate - Export flows - Survey Form Preview flows - Close: The text "Course Section Director" is truncate at 100% zoom.</p> <p><b>Instructor Persona:</b></p> <p>1. Footer: The link "About AEFIS" goes beyond the user's visual range and is incomprehensible because the context is lost.</p> <p>2. Instructor - Course Sections - Enrollment: The content of the main page does not adapt to the screen width, so the user needs to scroll in both directions to read.</p> <p>3. Instructor - Scorebook - Open Scorebook flow: The text "Report Assignment" is truncated. The user is not able to see part of the content presented on the webpage.</p>
<a href="#">1.4.5 Images of Text</a> (Level AA)	<b>Not Applicable</b>	<p><b>Features:</b></p> <p>There is no such information present in the application, which is in the form of Image of text.</p>
<a href="#">1.4.10 Reflow</a> (Level AA 2.1 only)	<b>Partially Supports</b>	<p>The screen adapts when the zoom is applied. The user is able to swipe to access the content presented on the webpage. However, there are a few exceptions where the content doesn't align properly on zooming the browser to 400%.</p> <p><b>Exceptions:</b></p> <p><b>Student Persona:</b></p> <p>1. My Journey - Dashboard: The header section is blocking the content out from view. Either the user cannot distinguish one element from the other or, in order to understand the content, they have to make an effort to discern it.</p> <p>2. My Journey - Dashboard - Save Action Items Draft: The</p>

Criteria	Conformance Level	Remarks and Explanations
		<p>header section is blocking the content out from view.</p> <p><b>Admin Persona:</b></p> <ol style="list-style-type: none"> <li>1. Admin - Dashboard - Header: The icon link "Open Support (?)" is blocking the content out from view.</li> <li>2. Admin - Dashboard: The webpage content does not adapt to the screen width, so the user needs to scroll in both directions to read.</li> <li>3. Admin - Dashboard - Hamburger Menu: The icon button "Show/Hide Menu Items" is blocking the content out from view.</li> <li>4. Admin - Dashboard - Action Items Drawer: The content of modal window "Action Items" is truncated from the right side. The user is not able to see part of the content presented on the webpage.</li> <li>5. Admin - Form: Proposal for New Co-Curricular Creation - Community Health Comm [COMM]: The "Exit" button becomes truncated in a "Portrait mode" on the web mobile view.</li> <li>6. Admin - Survey Template Designer: The button "Publish", "Actions" and "Export" gets overlapped with the heading text "Institution End of Term Course Evaluation (Copy)" in a "Portrait mode".</li> </ol> <p><b>Instructor Persona:</b></p> <ol style="list-style-type: none"> <li>1. Header: The text "Course Sections" present in the header section goes beyond the user's visual range and it's rendered incomprehensible because the context is lost.</li> <li>2. Instructor - Course Sections: The content becomes overlapped on a web mobile view.</li> </ol>
	<b>Partially Supports</b>	<p><b>Features:</b></p> <p>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. However, there are</p>

Criteria	Conformance Level	Remarks and Explanations
<p><a href="#">1.4.11 Non-text Contrast</a> (Level AA 2.1 only)</p>		<p>a few exceptions where color contrast ratio of the non-text controls are less than the standard ratio.</p> <p><b>Exceptions:</b></p> <p><b>Admin Persona:</b></p> <ol style="list-style-type: none"> <li>1. Admin - Dashboard - Header - Search AEFIS - Settings: The contrast ratio between the foreground color of the icon of checked checkbox "Courses" and its background color while tab focus is on it, is less than 3.0:1.</li> <li>2. Admin - Dashboard - Action Items Drawer - Settings: The contrast ratio between the foreground color of the icon of checked checkbox "Automatically Open Action Items" and its background color while tab focus is on it, is less than 3.0:1.</li> <li>3. Admin - Dashboard - Action Items Drawer - Settings: The contrast ratio between the foreground color of the icon of unchecked checkbox "Automatically Open Action Items" and its background color while tab focus is on it, is less than 3.0:1.</li> <li>4. Admin - Form: Proposal for New Co-Curricular Creation - Community Health Comm [COMM]: The contrast ratio between the foreground color of the border of the radio button "No" and its background color is less than 3.0:1.</li> <li>5. Admin - Survey Template Designer - Edit flow - View Library (left drawer): The contrast ratio between the foreground color of icon button "Clear (x)" and its background color is less than 3.0:1.</li> <li>6. Admin - Student Outcomes: The contrast ratio between the foreground color of icon button "Clear (x)" and its background color is less than 3.0:1.</li> </ol>
<p><a href="#">1.4.12 Text Spacing</a> (Level AA 2.1 only)</p>	<p><b>Partially Supports</b></p>	<p><b>Features:</b></p> <p>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. However, there are a few instances where the content</p>

Criteria	Conformance Level	Remarks and Explanations
		<p>doesn't adapt properly after applying the text spacing.</p> <p><b>Exceptions:</b></p> <p><b>Student Persona:</b></p> <ol style="list-style-type: none"> <li>1. My Journey - Learning Evidence (Templated): The texts "Feb 19, 2019", "No Submission", "Apr 09, 2019", etc are truncated on adjusting the text spacing on the page.</li> </ol> <p><b>Admin Persona:</b></p> <ol style="list-style-type: none"> <li>1. Admin - Dashboard: The link text "DRAFT courses in the catalog require your attention." is blocking the link text "2 In Revision Courses" and text "39 of 55 Courses Published" from view.</li> <li>2. Admin - Form: Proposal for New Co-Curricular Creation - Community Health Comm [COMM] - Edit Syllabus flow: The text spacing is not applied on the modal window.</li> <li>3. Admin - Survey Template Designer - Edit flow - Question-3 - Edit: The tabs "Auto Complete Drop-Down", "Multi-Choice, Single Answer", "Text Block, No Answer", etc. are truncated when text spacing is adjusted.</li> </ol> <p><b>Instructor Persona:</b></p> <ol style="list-style-type: none"> <li>1. Instructor - Course Section Assignments - Add Assignment flow: The selected item "Display final score and points with the rubric levels" is truncated after the text spacing is adjusted by the user.</li> <li>2. Instructor - Course Section Assignments - Add Assignment flow: The button "Drop files or click to add attachments" is overlapped after the text spacing is adjusted by the user.</li> </ol>
<p><a href="#">1.4.13 Content on Hover or Focus</a> (Level AA 2.1 only)</p>	<p><b>Partially Supports</b></p>	<p><b>Features:</b></p> <p>The tooltip is accessible on all the elements in the application which triggers the additional content after receiving tab focus. However, there are a few exceptions where the content is only available via mouse on-hover.</p>

Criteria	Conformance Level	Remarks and Explanations
		<p><b>Exceptions:</b></p> <p><b>Admin Persona:</b></p> <ol style="list-style-type: none"> <li>Admin - Dashboard - Header: The tooltip associate with the button "AEFIS Main Menu" is displayed only on mouse hover.</li> <li>Admin - Dashboard: The tooltip associate with the button "Refresh My Documents Requests" is displayed only on mouse hover.</li> <li>Admin - Survey Template Designer - Edit flow: The tooltip "Is Required (*)" present on hover is not read by the screen reader.</li> <li>Admin - Programs - Mapping by Course - Edit flow: When navigate the page using screen reader, additional content "Demonstrate, Commitment accountability....." is not visible.</li> </ol> <p><b>Instructor Persona:</b></p> <ol style="list-style-type: none"> <li>Header: No information or hint is being provided for the link "Open Support" and buttons "Search AEFIS" &amp; "AEFIS Action Items".</li> <li>Instructor - Course Sections - Section History: When navigate the page using down arrow key, additional content "Created March 29, 2019..." is not visible.</li> <li>Instructor - Course Syllabus - Edit Syllabus flow: No information or hint is being provided for tooltip buttons "Undo", "Redo", "Cut", "Copy", "Paste", "Bold", etc.</li> </ol>
<p><a href="#">2.4.5 Multiple Ways</a> (Level AA)</p>	<p><b>Supports</b></p>	<p><b>Features:</b></p> <p>More than one way of finding a page within a set of web pages is available in the application.</p>
<p><a href="#">2.4.6 Headings and Labels</a> (Level AA)</p>	<p><b>Partially Supports</b></p>	<p><b>Features:</b></p> <p>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. However, there are a few exceptions where the label is not</p>

Criteria	Conformance Level	Remarks and Explanations
		<p>descriptive to understand the purpose of the control.</p> <p><b>Exceptions:</b></p> <p><b>Admin Persona:</b></p> <ol style="list-style-type: none"> <li>Admin - Dashboard: The label of the button "Refresh My Documents Requests" is not describing the purpose of the button. This issue is observed multiple times present on the page. Note: Instances of this issue were discovered. Please refer to the screenshots for details.</li> <li>Admin - Programs - Student Outcomes - Edit flow: The label "Add a description" is not describing the purpose of the input.</li> </ol>
<p><a href="#">2.4.7 Focus Visible</a> (Level AA)</p>	<p><b>Partially Supports</b></p>	<p><b>Features:</b></p> <p>All focusable elements in the application have a visible keyboard focus indicator. However, there is an exception where the focus indicator is not visible around the element.</p> <p><b>Exception:</b></p> <p><b>Instructor Persona:</b></p> <ol style="list-style-type: none"> <li>Instructor - Course Sections - Section History: Focus is not visible on the "Add a filter" button while the user is navigating with the keyboard.</li> </ol>
<p><a href="#">3.1.2 Language of Parts</a> (Level AA)</p>	<p><b>Supports</b></p>	<p><b>Features:</b></p> <p>The Application's content is available in English language only. There is no change in language throughout the application.</p>
<p><a href="#">3.2.3 Consistent Navigation</a> (Level AA)</p>	<p><b>Supports</b></p>	<p><b>Features:</b></p> <p>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.</p>
<p><a href="#">3.2.4 Consistent Identification</a> (Level AA)</p>	<p><b>Supports</b></p>	<p><b>Features:</b></p>

Criteria	Conformance Level	Remarks and Explanations
		Elements, which have the same functionality across multiple pages in the application, have same labels or same name.
<a href="#">3.3.3 Error Suggestion</a> (Level AA)	<b>Supports</b>	<b>Features:</b> Error suggestion messages are descriptive enough for users to understand and resolve the problem.
<a href="#">3.3.4 Error Prevention (Legal, Financial, Data)</a> (Level AA)	<b>Not Applicable</b>	<b>Features:</b> 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.
<a href="#">4.1.3 Status Messages</a> (Level AA 2.1 only)	<b>Partially Supports</b>	<b>Features:</b> Dynamic changes and notifications are automatically announced, and screen reader user can identify the updated status / progress of all tasks programmatically in the application. However, there are a few exceptions where the status message is either not implemented or not announced by the screen reader. <b>Exceptions:</b> <b>Student Persona:</b> 1. My Journey - Dashboard - Save Action Items Draft: The status message "Unable to submit the form" is not announced by the screen reader. 2. My Journey - Learning Evidence (Templated) - Add Evidence Flow: The status message for newly added evidence is not implemented. <b>Admin Persona:</b> 1. Admin - Dashboard - Header - AEFIS Main Menu: Screen reader does not announce loading progress "Please wait

Criteria	Conformance Level	Remarks and Explanations
		<p>Loading AEFIS Dashboard" while landing on activating the link "AEFIS Go to Dashboard".</p> <ol style="list-style-type: none"> <li>2. Admin - Dashboard - Header - Search AEFIS: The status message "Search result 0" is not announced by the screen reader.</li> <li>3. Admin - Dashboard: Screen reader does not announce loading progress "Loading Form" while landing on activating the button "Open the Form Faculty Promotion and Tenure".</li> <li>4. Admin - Dashboard - Delete: The status message "Document Request 5 is deleted" after activating the button "Delete" is not implemented.</li> <li>5. Admin - Student Outcomes - Edit flow - Copy flow: The status message "The outcome was copied and is available for editing." is not announced by the screen reader.</li> </ol> <p><b>Instructor Persona:</b></p> <ol style="list-style-type: none"> <li>1. Instructor - Course Sections - Enrollment: Screen reader does not automatically read the typeahead search results</li> <li>2. Instructor - Course Section Assignments - Add Assignment flow: The status message "Success the assignment was saved" is not announced by the screen reader.</li> <li>3. Instructor - Course Syllabus - Edit Syllabus flow: The status message "Thank You, changes are successfully saved" is not implemented.</li> </ol>

**Table 3: Success Criteria, Level AAA**

Notes: AAA Success Criteria are not evaluated for this product.

## Legal Disclaimer

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