

McGraw Hill Accessibility Conformance Report

International Edition

(Based on VPAT® Version 2.5)

Name of Product/Version: AccessEngineering

Report Date: June 2026

Product Description: AccessEngineering® is an interactive learning and reference solution built for engineering students and educators as well as practicing engineers.

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Notes:

This audit included the pages listed below:

- Search results
- Administration page
- About page
- What's New page
- Faculty Advisory Board page

- Solution Walkthroughs page
- Contact page
- Help/FAQ
- Instructor Resources page
- Usage Statistics
- MARC records and title list
- Webinars and training
- Promote AccessEngineering
- User manuals and tutorials
- Subscribe page
- Redesign highlights page
- Archived books page
- CONTENT: Spreadsheet page
- CONTENT: Book landing page
- CONTENT: Book chapter page
- CONTENT: Case study
- CONTENT: Videos
- CONTENT: Solution Walkthrough
- CONTENT: DataVis Project
- DataVis home page
- DataVis properties lookup
- DataVis project in datavis
- My Account area - preferences
- My Account area - alerts
- My Account area - bookmarks
- My Account area - saved searches
- My Account area - labels
- My Account area - datavis projects

Evaluation Methods Used: This application was tested using the configurations displayed below. The elements were tested against WCAG 2.2 Level AA. The latest version of each browser and screen reader was used throughout testing.

The testing involved a combination of manual and automated methods, including the following:

- Keyboard-only navigation
- Color contrast analysis
- Manual HTML code review using aXe DevTools and ARC Toolkit
- Text spacing using Stylus
- Browser magnification at 200% and reflow at 400%

Assistive technologies configurations tested:

- Windows 11 + Chrome browser + JAWS 2025 screen reader
- Windows 11 + Chrome browser + NVDA 2025 screen reader
- Mac OS 15 + Safari browser + VoiceOver screen reader
- Windows 11 + Chrome browser + ZoomText 2024
- Windows 11 + Chrome browser + Dragon NaturallySpeaking 16

Keyboard-only navigation configurations tested:

- Windows 11 + Chrome browser
- Mac OS 15 + Safari browser

Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standard/guidelines:

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.0	Level A (Yes) Level AA (Yes) Level AAA (No)
Web Content Accessibility Guidelines 2.1	Level A (Yes) Level AA (Yes) Level AAA (No)
Web Content Accessibility Guidelines 2.2	Level A (Yes) Level AA (Yes) Level AAA (No)

Standard/Guideline	Included In Report
Revised Section 508 standards published January 18, 2017, and corrected January 22, 2018	(Yes)
EN 301 549 Accessibility requirements for ICT products and services - V3.1.1 (2019-11) AND EN 301 549 Accessibility requirements for ICT products and services - V3.2.1 (2021-03)	(Yes)

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 only be used in WCAG Level AAA criteria.

WCAG 2.2 Report

Tables 1 and 2 also document conformance with:

- **EN 301 549:** Chapter 9 - Web, Sections 10.1-10.4 of Chapter 10 - Non-Web documents, and Sections 11.1-11.4 and 11.8.2 of Chapter 11 - Non-Web Software (open and closed functionality), and Sections 12.1.2 and 12.2.4 of Chapter 12 – Documentation
- **Revised Section 508:** Chapter 5 – 501.1 Scope, 504.2 Content Creation or Editing, and Chapter 6 – 602.3 Electronic Support Documentation.

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

Note: This application is web only.

Criteria	Conformance Level	Remarks and Explanations
<p>1.1.1 Non-text Content (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.1.1.1 (Web) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) 	<p>Partially Supports</p>	<p>Most non-text content includes text alternatives, but there are exceptions where some elements lack appropriate text alternatives, limiting accessibility for certain users.</p> <p>Exceptions include:</p> <ul style="list-style-type: none"> ● Alternative text for images and graphic links is missing, incorrect, incomplete, insufficient, or unnecessarily provided in several instances, including informative images, logos, graphic links, graphs, CSS-generated images, decorative images, and PDF graphics, affecting how non-text content is conveyed to assistive technology users across the following pages: <ul style="list-style-type: none"> ○ Homepage ○ Faculty Advisory Board page ○ Solution walkthroughs page ○ Subscribe page ○ My Account area - preferences ○ CONTENT: Case study ○ DataVis home page ○ Help/FAQ ○ Usage Statistics ○ User manuals and tutorials

Criteria	Conformance Level	Remarks and Explanations
<p><u>1.2.1 Audio-only and Video-only (Prerecorded)</u> (Level A)</p> <p>Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.1.2.1 (Web) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) 	Supports	An alternative is provided for prerecorded audio-only and video-only content, ensuring equivalent information is accessible to all users.
<p><u>1.2.2 Captions (Prerecorded)</u> (Level A)</p> <p>Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.1.2.2 (Web) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) 	Not Applicable	This application does not include prerecorded synchronized media.
<p><u>1.2.3 Audio Description or Media Alternative (Prerecorded)</u> (Level A)</p> <p>Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.1.2.3 (Web) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) 	Supports	An alternative for time-based media or audio description is provided for all prerecorded video content in synchronized media, ensuring accessibility, except when the media serves as a text alternative and is clearly labeled as such.
<p><u>1.3.1 Info and Relationships</u> (Level A)</p> <p>Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.1.3.1 (Web) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) 	Partially Supports	<p>Most information, structure, and relationships conveyed visually can be programmatically determined or are available in text. However, there are instances where this information is inconsistently provided or inaccurately represented, limiting accessibility.</p> <p>Exceptions include:</p> <ul style="list-style-type: none"> ● Heading structure is not correctly implemented in several instances, including missing heading markup, incorrect heading levels or hierarchy, multiple level 1 headings, unnecessary headings applied to non-heading text, hidden or duplicate headings announced by screen readers, and inconsistent heading implementation within pages,

Criteria	Conformance Level	Remarks and Explanations
		<p>dialogs, date pickers, and PDF content, affecting structure, navigation, and content understanding across the following pages:</p> <ul style="list-style-type: none"> ○ Homepage ○ Search results ○ Administration page ○ About page ○ What's New page ○ Help/FAQ ○ Instructor resources page ○ Usage Statistics ○ Faculty Advisory Board page ○ Solution walkthroughs page ○ Promote AccessEngineering ○ MARC records and title list ○ Webinars and training ○ Redesign highlights page ○ Subscribe page ○ CONTENT: Spreadsheet page ○ My Account area - preferences ○ My Account area - saved searches ○ My Account area - labels ○ My Account area - alerts ○ DataVis project in datavis ○ CONTENT: Book landing page ○ CONTENT: Case study ○ CONTENT: DataVis Project ○ DataVis properties lookup ○ DataVis home page ○ User manuals and tutorials ○ CONTENT: Solution Walkthrough

Criteria	Conformance Level	Remarks and Explanations
		<ul style="list-style-type: none"> ● List structure is not correctly implemented in several instances, including missing list markup, incorrect list structure, list items without a parent list, unnecessary lists for single items or non-list content, and inconsistent list semantics or announcements in dialogs, buttons, links, and PDF content, affecting structural relationships and screen reader navigation across the following pages: <ul style="list-style-type: none"> ○ Homepage ○ About page ○ What's New page ○ Instructor resources page ○ Usage Statistics ○ Faculty Advisory Board page ○ Solution walkthroughs page ○ Subscribe page ○ My Account area - labels ○ My Account area - alerts ○ CONTENT: Book landing page ○ CONTENT: Videos ○ CONTENT: Book chapter page ○ CONTENT: Case study ○ CONTENT: DataVis Project ○ DataVis home page ○ CONTENT: Solution Walkthrough ○ Help/FAQ ○ User manuals and tutorials ● Table structure is incorrectly implemented in several instances, including unnecessary tables used for layout or non-tabular content, incorrect table structure, improper table semantics, and inconsistent screen reader announcements for

Criteria	Conformance Level	Remarks and Explanations
		<p>tables, affecting the interpretation and navigation of tabular relationships across the following pages:</p> <ul style="list-style-type: none"> ○ Faculty Advisory Board page ○ MARC records and title list ○ DataVis project in datavis ○ CONTENT: Book chapter page ○ CONTENT: Solution Walkthrough ○ Usage Statistics <ul style="list-style-type: none"> ● Screen reader announcements are inaccurate or inconsistent in several instances, including unnecessary or duplicate announcements, hidden or collapsed content being announced, important content or changes not being announced, incomplete or incorrect announcements, and content being announced in an unclear or unintended manner, affecting understanding and interaction for assistive technology users across the following pages: <ul style="list-style-type: none"> ○ Homepage ○ Search results ○ Administration page ○ Subscribe page ○ CONTENT: Spreadsheet page ○ My Account area - preferences ○ My Account area - saved searches ○ My Account area - alerts ○ CONTENT: Book landing page ○ CONTENT: Videos ○ CONTENT: Book chapter page ○ CONTENT: Case study ○ DataVis properties lookup ○ Help/FAQ ○ User manuals and tutorials

Criteria	Conformance Level	Remarks and Explanations
		<ul style="list-style-type: none"> ○ CONTENT: Solution Walkthrough ● Labels, instructions, errors, legends, and related contextual information are not programmatically associated in several instances, including links, input fields, checkboxes, buttons, comboboxes, and other controls, causing relationships between controls and their associated information to be unclear or unavailable to assistive technologies. <ul style="list-style-type: none"> ○ Search results ○ Instructor resources page ○ My Account area - preferences ○ My Account area - saved searches ○ DataVis project in datavis ○ CONTENT: Book chapter page ● Content is not consistently conveyed to assistive technologies in several instances, including missing or incorrect communication of text styling, decorative content being exposed, mispronunciations or fragmented reading, unnecessary or irrelevant content being announced, and highlighted or meaningful content being skipped or announced incorrectly, affecting accurate understanding for screen reader users. <ul style="list-style-type: none"> ○ Contact page ○ My Account area – Preferences ○ My Account area – DataVis Projects ○ Usage Statistics ○ Content: Solution Walkthrough ● Missing landmarks, labels, legends, and meaningful structure in form controls, radio buttons, dialogs, tabs, and general UI content. <ul style="list-style-type: none"> ○ Search results ○ My Account area - preferences

Criteria	Conformance Level	Remarks and Explanations
		<ul style="list-style-type: none"> ○ My Account area - alerts ○ MARC records and title list ○ DataVis properties lookup ● PDF content shows missing tags, accessibility checker failures, and skipped or incomplete reading. <ul style="list-style-type: none"> ○ User manuals and tutorials ○ Help/FAQ ○ CONTENT: Case study ○ CONTENT: Solution Walkthrough ● Links and interactive elements do not behave as expected, including incorrect navigation (e.g., Save Search redirecting to login instead of saving search) and unclear or non-functional interactive states in UI components. <ul style="list-style-type: none"> ○ Search results ○ DataVis project in datavis ● A dialog is triggered but does not provide any meaningful content or guidance, leading to user confusion. <ul style="list-style-type: none"> ○ DataVis home page
<p>1.3.2 Meaningful Sequence (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.1.3.2 (Web) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) 	<p>Partially Supports</p>	<p>In most cases, when the order of content impacts its meaning, the correct reading sequence can be programmatically determined. However, there are exceptions where the sequence is not consistently or fully determinable, limiting accessibility.</p> <p>Exceptions include:</p> <ul style="list-style-type: none"> ● Reading order is incorrect or not logically presented in several instances, including calendar navigation, keyboard interaction, grouped controls being announced in an incorrect sequence, and

Criteria	Conformance Level	Remarks and Explanations
		<p>PDF content being exposed in an improper reading order.</p> <ul style="list-style-type: none"> ○ My Account area - preferences ○ My Account area - bookmarks ○ DataVis project in datavis ○ CONTENT: Book chapter page ○ Help/FAQ ○ CONTENT: Solution Walkthrough
<p>1.3.3 Sensory Characteristics (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.1.3.3 (Web) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) 	<p>Partially Supports</p>	<p>Most instructions for understanding and operating content avoid relying solely on sensory characteristics like shape, size, visual location, orientation, or sound. However, there are instances where some reliance on these characteristics is present, resulting in partial compliance with accessibility standards.</p> <p>Exceptions include:</p> <ul style="list-style-type: none"> ● Instructions rely on sensory characteristics alone (such as position, shape, color, or visual location) to convey information. <ul style="list-style-type: none"> ○ DataVis project in datavis ● Sensory characteristics, such as check and cross icons, are used to convey the Add and Remove button functions. <ul style="list-style-type: none"> ○ CONTENT: Book landing page

Criteria	Conformance Level	Remarks and Explanations
<p><u>1.4.1 Use of Color</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.1.4.1 (Web) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) 	<p>Partially Supports</p>	<p>In most cases, color is not the sole visual method for conveying information, indicating actions, prompting responses, or distinguishing visual elements. However, there are instances where color is relied on, limiting full compliance with accessibility standards.</p> <p>Exceptions include:</p> <ul style="list-style-type: none"> ● Links are identified using color alone or are not visually distinguishable from surrounding text, making it difficult for users to perceive link presence without relying on color. <ul style="list-style-type: none"> ○ Administration page ○ My Account area - alerts ○ CONTENT: Book landing page ○ CONTENT: Solution Walkthrough
<p><u>1.4.2 Audio Control</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.1.4.2 (Web) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) 	<p>Not Applicable</p>	<p>This application does not include auto-playing audio.</p>
<p><u>2.1.1 Keyboard</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.1.1 (Web) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) 	<p>Partially Supports</p>	<p>Most functionality of the content can be operated through a keyboard interface without requiring specific timing for individual keystrokes. However, there are instances where certain features are not fully operable via keyboard, limiting accessibility. Exceptions apply when the function depends on the path of the user's movement rather than just the endpoints.</p> <p>Exceptions include:</p> <ul style="list-style-type: none"> ● Interactive components are not accessible using keyboard in several instances, including tab controls, buttons, accordions, checkboxes, radio buttons,

Criteria	Conformance Level	Remarks and Explanations
		<p>sliders, lists, tables, dialogs, menus, comboboxes, tooltips, and drag-and-drop functionality, with missing or incorrect support for standard keyboard navigation (Tab, Arrow keys, Enter, and related interactions), preventing full keyboard operability.</p> <ul style="list-style-type: none"> ○ Homepage ○ Search results ○ DataVis project in datavis ○ CONTENT: Book chapter page ○ Subscribe page ○ My Account area - datavis projects ○ CONTENT: Book landing page ○ CONTENT: Case study ○ DataVis properties lookup <ul style="list-style-type: none"> ● Interactive components do not consistently support expected keyboard and escape-key interactions, including tooltips, menus, dropdowns, dialogs, buttons, links, and graph controls, where elements are not closable using ESC, not operable via keyboard (Tab/Enter/Arrow keys), or not focusable, resulting in incomplete keyboard accessibility and interaction failures. <ul style="list-style-type: none"> ○ Search results ○ CONTENT: Spreadsheet page ○ My Account area - preferences ○ My Account area - saved searches ○ My Account area - labels ○ My Account area - datavis projects ○ DataVis project in datavis ○ CONTENT: Book landing page ○ CONTENT: Book chapter page ○ DataVis home page

Criteria	Conformance Level	Remarks and Explanations
		<ul style="list-style-type: none"> ● Interactive components trigger unexpected behavior when using keyboard input in several instances, including dialogs closing unexpectedly when Enter or Escape is used. <ul style="list-style-type: none"> ○ My Account area - saved searches ○ CONTENT: Book landing page
<p>2.1.2 No Keyboard Trap (Level A) Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.1.2 (Web) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) 	Supports	If keyboard focus can be moved to a component on the page using a keyboard interface, it can also be moved away using only the keyboard. If more than standard keys (like arrow or tab keys) are required to exit, users are informed of the method to move focus away, ensuring seamless navigation for keyboard users.
<p>2.1.4 Character Key Shortcuts (Level A 2.1 and 2.2) Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.1.4 (Web) <p>Revised Section 508 – Does not apply</p>	Not Applicable	This application does not include character key shortcuts.
<p>2.2.1 Timing Adjustable (Level A) Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.2.1 (Web) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) 	Not Applicable	This application does not include time-limited functionality.
<p>2.2.2 Pause, Stop, Hide (Level A) Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.2.2 (Web) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) 	Not Applicable	This application does not include moving, blinking, or scrolling content.

Criteria	Conformance Level	Remarks and Explanations
<p><u>2.3.1 Three Flashes or Below Threshold</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.3.1 (Web) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) 	<p>Supports</p>	<p>Web pages do not include any content that flashes more than three times in any one-second period, or the flashing content remains below the general flash and red flash thresholds. This ensures accessibility for users sensitive to flashing content, such as those with photosensitive epilepsy.</p>
<p><u>2.4.1 Bypass Blocks</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.4.1 (Web) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) – Does not apply to non-web software 	<p>Partially Supports</p>	<p>Mechanisms to bypass repetitive blocks of content are implemented in most cases, enabling users to skip over navigation menus or other repeated elements. However, there may be limitations or exceptions in certain interfaces or scenarios where bypass functionality is not fully available, reducing accessibility.</p> <p>Exceptions include:</p> <ul style="list-style-type: none"> ● The “Skip to main content” link does not function correctly, preventing keyboard users from bypassing repetitive content. <ul style="list-style-type: none"> ○ Homepage
<p><u>2.4.2 Page Titled</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.4.2 (Web) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) 	<p>Partially Supports</p>	<p>Most web pages have titles that can be programmatically determined and generally describe their topic or purpose. However, there are instances where page titles are not consistently implemented or fail to accurately reflect the content or purpose, limiting accessibility.</p> <p>Exceptions include:</p> <ul style="list-style-type: none"> ● Page or document titles are missing, incorrect, incomplete, or non-descriptive in several instances, including web pages and PDF documents, making it difficult for users to identify the current page or document.

Criteria	Conformance Level	Remarks and Explanations
		<ul style="list-style-type: none"> ○ Help/FAQ ○ MARC records and title list ○ My Account area - preferences ○ User manuals and tutorials ○ Usage Statistics
<p>2.4.3 Focus Order (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.4.3 (Web) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) 	<p>Partially Supports</p>	<p>The focus order within the content is generally logical and preserves meaning and operability, allowing users to navigate through interactive elements effectively. However, there may be instances where the focus order is not consistently maintained, potentially causing navigation challenges for some users.</p> <p>Exceptions include:</p> <ul style="list-style-type: none"> ● Incorrect or illogical focus order is provided in several instances, including within dialogs, menus, carousels, navigation panels, video players, and other interactive components, causing keyboard focus to move in an unexpected sequence that does not preserve logical navigation. <ul style="list-style-type: none"> ○ Homepage ○ Subscribe page ○ My Account area - saved searches ○ My Account area - datavis projects ○ DataVis project in datavis ○ CONTENT: Book landing page ○ CONTENT: Book chapter page ○ DataVis home page ○ My Account area - alerts ○ CONTENT: Videos ● Keyboard or screen reader focus is improperly managed in several instances, including focus shifting to unexpected, inactive, disabled, unintended, or background elements, moving

Criteria	Conformance Level	Remarks and Explanations
		<p>outside dialogs, and not following a logical sequence within dialogs, form controls, and main content, resulting in disrupted navigation and interaction flow.</p> <ul style="list-style-type: none"> ○ My Account area - preferences ○ My Account area - labels ○ DataVis properties lookup ○ Homepage ○ Administration page ○ DataVis project in datavis ○ DataVis properties lookup <ul style="list-style-type: none"> ● Keyboard focus is not properly managed in several instances, including focus not being set correctly when dialogs or components open, lack of focus trapping within modals, focus moving to hidden or background elements, failure to return focus to the triggering element after closing dialogs, improper tab sequence, and focus moving outside expected interactive areas such as search bars, resulting in disrupted and inconsistent keyboard navigation.. <ul style="list-style-type: none"> ○ Homepage ○ Administration page ○ CONTENT: Spreadsheet page ○ CONTENT: Book landing page ○ My Account area - alerts ○ My Account area - datavis projects ○ DataVis project in datavis ○ CONTENT: Videos ○ DataVis properties lookup ○ DataVis home page ○ My Account area - preferences ○ My Account area - bookmarks

Criteria	Conformance Level	Remarks and Explanations
<p><u>2.4.4 Link Purpose (In Context)</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.4.4 (Web) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) 	<p>Partially Supports</p>	<ul style="list-style-type: none"> ○ CONTENT: Book chapter page <p>Most links provide sufficient context for users to understand their purpose, either through the link text or its surrounding content. However, there are instances where link purposes are not consistently clear or discernible, limiting accessibility for some users.</p> <p>Exceptions include:</p> <ul style="list-style-type: none"> ● Link text is missing, identical, non-descriptive, or not programmatically associated with related content in several instances, including generic or repeated labels (e.g., “Learn More,” “Show more,” “this link”), raw URLs, and links such as “Launch Solution Walkthrough,” “Launch Solution,” and “View in context,” making the purpose and destination of the links unclear for users and assistive technologies. <ul style="list-style-type: none"> ○ Homepage ○ Administration page ○ About page ○ Help/FAQ ○ CONTENT: Book chapter page ○ CONTENT: Case study ○ CONTENT: DataVis Project ○ DataVis home page ○ CONTENT: Solution Walkthrough
<p><u>2.5.1 Pointer Gestures</u> (Level A 2.1 and 2.2)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.5.1 (Web) <p>Revised Section 508 – Does not apply</p>	<p>Not Applicable</p>	<p>The application does not require multipoint or path-based pointer gestures to operate functionality (e.g., swiping or gestures that trace a prescribed path).</p>

Criteria	Conformance Level	Remarks and Explanations
<p><u>2.5.2 Pointer Cancellation</u> (Level A 2.1 and 2.2)</p> <p>Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.5.2 (Web) <p>Revised Section 508 – Does not apply</p>	<p>Supports</p>	<p>For functionality operated using a single pointer, at least one of the following is true:</p> <ul style="list-style-type: none"> ● No Down-Event: The pointer's down-event does not execute any part of the function. ● Abort or Undo: The function is completed on the up-event, and users can abort the function before completion or undo it afterward. ● Up Reversal: The up-event reverses any outcome triggered by the preceding down-event. ● Essential: Completing the function on the down-event is essential to the functionality. <p>These measures ensure users can interact with content without unintended actions and provide mechanisms to cancel or reverse pointer operations.</p>
<p><u>2.5.3 Label in Name</u> (Level A 2.1 and 2.2)</p> <p>Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.5.3 (Web) <p>Revised Section 508 – Does not apply</p>	<p>Supports</p>	<p>For user interface components with labels that include text or images of text, the programmatically determined name matches the text presented visually. This ensures compatibility with assistive technologies, allowing users to identify and interact with components effectively.</p>
<p><u>2.5.4 Motion Actuation</u> (Level A 2.1 and 2.2)</p> <p>Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.5.4 (Web) <p>Revised Section 508 – Does not apply</p>	<p>Not Applicable</p>	<p>The web content does not include functionality that is operated using motion-based input or gestures (e.g., device shaking, tilting, or orientation-based actions).</p>

Criteria	Conformance Level	Remarks and Explanations
<p><u>3.1.1 Language of Page</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.3.1.1 (Web) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) 	<p>Supports</p>	<p>The default human language of each web page is programmatically determined, ensuring users and assistive technologies can identify and adapt to the language of the content for better accessibility.</p>
<p><u>3.2.1 On Focus</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.3.2.1 (Web) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) 	<p>Partially Supports</p>	<p>Focus management is generally implemented, and most user interface components do not initiate a change in context when they receive focus. However, there may be limitations or exceptions in certain scenarios where focus changes result in unintended context shifts, reducing accessibility.</p> <p>Exceptions include:</p> <ul style="list-style-type: none"> ● Interactive elements trigger unexpected actions on receiving keyboard focus in several instances, including automatic activation and changes in component state (such as collapsing), causing a change of context without user intent. <ul style="list-style-type: none"> ○ CONTENT: Book landing page ○ DataVis home page

Criteria	Conformance Level	Remarks and Explanations
<p>3.2.2 On Input (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.3.2.2 (Web) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) 	<p>Partially Supports</p>	<p>Input mechanisms are generally accessible, and most user interface components do not cause an automatic change of context upon input. However, there may be instances where certain input methods or controls are not fully accessible or where users are not adequately informed of context changes, limiting compliance with accessibility standards.</p> <p>Exceptions include:</p> <ul style="list-style-type: none"> ● Links that open in a new tab or new page are not identified to screen reader users, and users are not informed of the change in context before activation. <ul style="list-style-type: none"> ○ Homepage ○ Administration page ● The link performs an unexpected action and redirects the user to login instead of completing the intended “save search” function. <ul style="list-style-type: none"> ○ Search results
<p>3.2.6 Consistent Help (Level A 2.2 only)</p> <p>EN 301 549 Criteria – Does not apply</p> <p>Revised Section 508 – Does not apply</p>	<p>Supports</p>	<p>If help mechanisms are provided on a web page and repeated across multiple pages within a set, they are consistently placed in the same order relative to other page content. This ensures predictable navigation and accessibility for users, particularly those relying on assistive technologies or familiar navigation patterns.</p>
<p>3.3.1 Error Identification (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.3.3.1 (Web) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) 	<p>Partially Supports</p>	<p>Error identification is generally implemented, and most input errors are detected, identified, and described to users in text. However, there may be instances where errors are not consistently identified or where the error descriptions are incomplete or unclear, limiting accessibility for some users.</p> <p>Exceptions include:</p>

Criteria	Conformance Level	Remarks and Explanations
		<ul style="list-style-type: none"> ● Error messages are missing, not displayed, not announced, or not visually presented in several instances, including required fields, invalid inputs, and error dialogs, preventing users from identifying input errors. <ul style="list-style-type: none"> ○ DataVis properties lookup ○ DataVis project in datavis ○ My Account area - preferences ○ Contact page ● Error messages are too generic (for example, repeated “This field is required”), and do not clearly identify the specific error or how to correct it. <ul style="list-style-type: none"> ○ Contact page ○ Subscribe page
<p>3.3.2 Labels or Instructions (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.3.3.2 (Web) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) 	<p>Partially Supports</p>	<p>Labels or instructions are generally provided for most input fields, helping users understand the expected input. However, there may be instances where labels or instructions are incomplete, unclear, or inconsistently implemented, which can limit accessibility for some users.</p> <p>Exceptions include:</p> <ul style="list-style-type: none"> ● Labels or instructions are missing, unclear, or improperly implemented in several instances, including placeholder text used as labels, missing visible labels, missing mandatory field instructions, and comboboxes lacking clear labels. <ul style="list-style-type: none"> ○ My Account area - preferences ○ My Account area - bookmarks ○ My Account area - saved searches ○ DataVis properties lookup

Criteria	Conformance Level	Remarks and Explanations
<p>3.3.7 Redundant Entry (Level A 2.2 only) EN 301 549 Criteria – Does not apply Revised Section 508 – Does not apply</p>	<p>Supports</p>	<p>Users are not required to enter the same information multiple times during a single process. Mechanisms, such as auto-population of previously entered data or alternatives to avoid redundant entry, are implemented to streamline the user experience and enhance accessibility.</p>
<p>4.1.1 Parsing (Level A) Applies to: WCAG 2.0 and 2.1 – Always answer ‘Supports’ WCAG 2.2 (obsolete and removed) - Does not apply EN 301 549 Criteria <ul style="list-style-type: none"> ● 9.4.1.1 (Web) Revised Section 508 <ul style="list-style-type: none"> ● 501 (Web)(Software) </p>	<p>Supports</p>	<p>For WCAG 2.0, 2.1, EN 301 549, and Revised 508 Standards, the September 2023 errata update indicates this criterion is always supported. See the WCAG 2.0 Editorial Errata and the WCAG 2.1 Editorial Errata.</p>
<p>4.1.2 Name, Role, Value (Level A) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> ● 9.4.1.2 (Web) Revised Section 508 <ul style="list-style-type: none"> ● 501 (Web)(Software) </p>	<p>Partially Supports</p>	<p>The name, role, and value of most user interface components are programmatically determined and conveyed to assistive technologies, facilitating accessibility. However, there may be instances where:</p> <ul style="list-style-type: none"> ● This information is inconsistently available. ● States, properties, or values are not accurately conveyed or updated. <p>These limitations result in partial compliance with accessibility standards and may hinder usability for some users.</p> <p>Exceptions include:</p> <ul style="list-style-type: none"> ● Interactive elements and components are incorrectly implemented in several instances, including buttons, links, menus, tabs, accordions, switches, drag-and-drop controls, dialogs, checkboxes, radio buttons, carousels, and other

Criteria	Conformance Level	Remarks and Explanations
		<p>composite controls. This includes incorrect control types, misuse of roles, links exposed as buttons (or vice versa), and incorrect menu implementations, resulting in inaccurate interpretation by assistive technologies.</p> <ul style="list-style-type: none"> ○ Homepage ○ Search results ○ MARC records and title list ○ Subscribe page ○ CONTENT: Spreadsheet page ○ CONTENT: Book landing page ○ My Account area – Preferences ○ My Account area – Bookmarks ○ My Account area – Saved searches ○ My Account area – Labels ○ My Account area – Alerts ○ My Account area – DataVis projects ○ DataVis project in DataVis ○ DataVis properties lookup ○ DataVis home page ○ CONTENT: Book chapter page ○ CONTENT: Videos ○ Solution Walkthrough ○ Administration page <ul style="list-style-type: none"> ● Accessible names, labels, link text, and programmatic associations are missing, incorrect, duplicated, or inconsistently implemented across multiple components, including buttons, links, input fields, form controls, dialogs, pagination, tree views, video controls, and tooltips. In several instances, labels are not properly associated, accessible names are missing or non-descriptive, controls lack contextual identification, or

Criteria	Conformance Level	Remarks and Explanations
		<p>redundant labeling results in duplicate announcements by assistive technologies.</p> <ul style="list-style-type: none"> ○ Homepage ○ Search results ○ Administration page ○ User manuals and tutorials ○ CONTENT: Spreadsheet page ○ My Account area - preferences ○ My Account area - bookmarks ○ My Account area - labels ○ My Account area - datavis projects ○ DataVis project in datavis ○ CONTENT: Book landing page ○ CONTENT: Book chapter page ○ DataVis properties lookup ○ DataVis home page <ul style="list-style-type: none"> ● State, property, and value information is missing, incorrect, or inconsistently exposed for interactive elements in several instances, including checkboxes, tabs, buttons, radio buttons, date pickers, and form controls. This includes missing or incorrect announcements for selected, disabled, current, expanded/collapsed, partially checked, and other component states, resulting in inaccurate communication of element status and behavior to assistive technologies. <ul style="list-style-type: none"> ○ Homepage ○ Search results ○ MARC records and title list ○ CONTENT: Spreadsheet page ○ CONTENT: Book landing page ○ DataVis project in datavis ○ My Account area - preferences

Criteria	Conformance Level	Remarks and Explanations
		<ul style="list-style-type: none"> ● ARIA attributes and accessibility markup are missing, invalid, unsupported, incorrectly applied, or unnecessarily used in several instances. This includes missing required attributes, invalid values, incorrect ownership relationships, misuse of state properties, and inappropriate ARIA implementations that affect how assistive technologies interpret content and functionality. <ul style="list-style-type: none"> ○ Administration page ○ MARC records and title list ○ Subscribe page ○ CONTENT: Spreadsheet page ○ My Account area - preferences ○ My Account area - saved searches ○ My Account area - alerts ○ CONTENT: Book landing page ○ CONTENT: DataVis Project ○ Homepage ● Screen reader announcements are inaccurate, incomplete, missing, duplicated, or inconsistent in several instances. This includes incorrect announcements of labels, states, dialogs, alerts, menus, suggestions, updates, and keyboard instructions, as well as announcements that do not match the visual presentation or actual behavior of components. <ul style="list-style-type: none"> ○ Search results ○ Administration page ○ MARC records and title list ○ Subscribe page ○ CONTENT: Spreadsheet page ○ CONTENT: Videos ○ CONTENT: Book chapter page

Criteria	Conformance Level	Remarks and Explanations
		<ul style="list-style-type: none"> ○ CONTENT: DataVis Project ○ DataVis properties lookup ● Required structural relationships and grouping semantics are missing in some instances, including missing grouping for related form controls and missing navigation region markup for collections of related links, affecting how assistive technologies convey relationships between content and controls. <ul style="list-style-type: none"> ○ Homepage ○ Administration page

Table 2: Success Criteria, Level AA

Note: This application is web only.

Criteria	Conformance Level	Remarks and Explanations
<p>1.2.4 Captions (Live) (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.1.2.4 (Web) <p>Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 	<p>Not Applicable</p>	<p>This application does not include live audio content in synchronized media.</p>
<p>1.2.5 Audio Description (Prerecorded) (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.1.2.5 (Web) <p>Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 	<p>Supports</p>	<p>Audio descriptions are provided for all prerecorded video content in synchronized media, ensuring users with visual impairments can access and understand the visual elements of the content.</p>
<p>1.3.4 Orientation (Level AA 2.1 and 2.2)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.1.3.4 (Web) <p>Revised Section 508 – Does not apply</p>	<p>Supports</p>	<p>Content can be viewed and operated in both portrait and landscape orientations, ensuring accessibility for users regardless of their device's display orientation. Restrictions apply only when a specific orientation is essential to the functionality of the content.</p>
<p>1.3.5 Identify Input Purpose (Level AA 2.1 and 2.2)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.1.3.5 (Web) <p>Revised Section 508 – Does not apply</p>	<p>Partially Supports</p>	<p>The purpose of input fields is generally identified, with many fields appropriately labeled to convey their function. However, there may be instances where input field purposes are not clearly identified or programmatically determined, limiting accessibility for some users.</p> <p>Exceptions include:</p> <ul style="list-style-type: none"> Appropriate autocomplete attributes are missing for user input fields, such as username and password fields, preventing programmatic identification of input purpose.

Criteria	Conformance Level	Remarks and Explanations
		<ul style="list-style-type: none"> ○ My Account area - preferences ● autocomplete attribute is not defined for the search field. ○ DataVis project in datavis
<p><u>1.4.3 Contrast (Minimum)</u> (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.1.4.3 (Web) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) 	<p>Partially Supports</p>	<p>The visual presentation of text and images of text generally meets the required contrast ratios (4.5:1 for standard text and 3:1 for large text). However, there are instances where the contrast ratio is not consistently maintained, limiting accessibility for users with low vision. Exceptions apply to decorative text, inactive components, and text in logos or brand names.</p> <p>Exceptions include:</p> <ul style="list-style-type: none"> ● Insufficient color contrast is provided in several instances for text and text-based controls, including links, buttons, placeholder text, selected dates, suggested values, form controls, and PDF content, affecting readability and perceivability for users with low vision. <ul style="list-style-type: none"> ○ Usage Statistics ○ Faculty Advisory Board page ○ MARC records and title list ○ Redesign highlights page ○ My Account area - preferences ○ My Account area - datavis projects ○ DataVis project in datavis ○ DataVis properties lookup ○ CONTENT: Solution Walkthrough
<p><u>1.4.4 Resize text</u> (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p>	<p>Partially Supports</p>	<p>The content generally supports text resizing up to 200%, allowing users to adjust text size without assistive technology. However, there may be instances</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> ● 9.1.4.4 (Web) Revised Section 508 <ul style="list-style-type: none"> ● 501 (Web)(Software) 		<p>where resizing functionality is inconsistent or limited, potentially causing issues with content layout or functionality for some users.</p> <p>Exceptions include:</p> <ul style="list-style-type: none"> ● Content does not properly support 200% browser zoom in several instances, including content becoming unreadable, cut off, misaligned, not fully visible, or failing to resize and reflow correctly, resulting in reduced access to content and functionality. <ul style="list-style-type: none"> ○ Homepage ○ Search results ○ Redesign highlights page ○ CONTENT: Spreadsheet page ○ My Account area - saved searches ○ My Account area - alerts ○ My Account area - datavis projects
<p>1.4.5 Images of Text (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.1.4.5 (Web) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) 	<p>Supports</p>	<p>Text is used to convey information rather than images of text, provided the technologies being used can achieve the desired visual presentation. Exceptions include:</p> <ul style="list-style-type: none"> ● Customizable: Images of text can be visually customized to meet user requirements. ● Essential: A specific visual presentation of text is essential to the information being conveyed. <p>This ensures accessibility for users who rely on screen readers or require text customization for readability.</p>

Criteria	Conformance Level	Remarks and Explanations
<p>1.4.10 Reflow (Level AA 2.1 and 2.2)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.1.4.10 (Web) <p>Revised Section 508 – Does not apply</p>	<p>Partially Supports</p>	<p>Content generally supports reflow, allowing users to zoom to 400% without losing information or functionality. However, there may be instances where reflow is not fully implemented, requiring scrolling in two dimensions or causing layout issues that impact accessibility.</p> <p>Exceptions include:</p> <ul style="list-style-type: none"> ● For the below mentioned pages, the content does not adapt correctly in reflow conditions (320 × 256 viewport) in several instances, including content becoming truncated, cut off, overlapped, misaligned, or requiring horizontal scrolling, and interactive elements such as menus, scrollable regions, filters, video controls, and other components not remaining fully visible or operable. <ul style="list-style-type: none"> ○ Homepage ○ Search results ○ About page ○ Contact page ○ Solution walkthroughs page ○ Redesign highlights page ○ CONTENT: Spreadsheet page ○ My Account area - preferences ○ My Account area - bookmarks ○ My Account area - saved searches ○ My Account area - alerts ○ My Account area - datavis projects ○ CONTENT: Book landing page ○ CONTENT: Videos ○ DataVis properties lookup

Criteria	Conformance Level	Remarks and Explanations
<p>1.4.11 Non-text Contrast (Level AA 2.1 and 2.2)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.1.4.11 (Web) <p>Revised Section 508 – Does not apply</p>	<p>Partially Support</p>	<p>The visual presentation of most elements meets the required contrast ratio of 3:1 against adjacent colors. However, there are instances where:</p> <ul style="list-style-type: none"> ● User Interface Components: Some components or states lack sufficient contrast, limiting their visibility. ● Graphical Objects: Certain graphics required to understand the content do not meet the contrast ratio, potentially reducing accessibility for users with low vision. <p>These inconsistencies result in partial compliance with accessibility standards.</p> <p>Exceptions include:</p> <ul style="list-style-type: none"> ● Insufficient color contrast is provided in several instances for focus indicators, selected or active states, icons, links, buttons, tabs, form controls, sliders, switches, and other non-text UI components, affecting visibility and distinguishability for users with low vision. <ul style="list-style-type: none"> ○ Homepage ○ Search results ○ Administration page ○ About page ○ What's New page ○ Help/FAQ ○ Instructor resources page ○ Usage Statistics ○ Solution walkthroughs page ○ Subscribe page ○ CONTENT: Spreadsheet page

Criteria	Conformance Level	Remarks and Explanations
		<ul style="list-style-type: none"> ○ My Account area - preferences ○ My Account area - bookmarks ○ My Account area - saved searches ○ My Account area - labels ○ My Account area - alerts ○ DataVis project in datavis ○ CONTENT: Book landing page ○ CONTENT: Case study ○ DataVis home page
<p>1.4.12 Text Spacing (Level AA 2.1 and 2.2)</p> <p>Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.1.4.12 (Web) <p>Revised Section 508 – Does not apply</p>	<p>Partially Support</p>	<p>Text spacing adjustments are generally available, allowing users to modify spacing between lines, paragraphs, letters, and words for better readability. However, there may be instances where:</p> <ul style="list-style-type: none"> ● Adjustments are not consistently implemented across all content. ● Certain text elements fail to accommodate spacing changes without loss of functionality or content. <p>These limitations result in partial compliance with accessibility standards.</p> <p>Exceptions include:</p> <ul style="list-style-type: none"> ● Content does not correctly adapt to text spacing adjustments in several instances, including text spacing not being applied to menus or dropdown options, content or placeholder text becoming truncated, and math content not reflowing or adapting as expected. <ul style="list-style-type: none"> ○ MARC records and title list ○ My Account area - saved searches ○ CONTENT: Book chapter page

Criteria	Conformance Level	Remarks and Explanations
<p>1.4.13 Content on Hover or Focus (Level AA 2.1 and 2.2)</p> <p>Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.1.4.13 (Web) <p>Revised Section 508 – Does not apply</p>	<p>Partially Support</p>	<p>Content triggered by hover or focus is generally accessible and programmatically determinable, meeting most of the following conditions:</p> <ul style="list-style-type: none"> ● Dismissable: A mechanism is available to dismiss the additional content without moving pointer hover or keyboard focus. ● Hoverable: Users can move the pointer over the additional content without causing it to disappear. ● Persistent: The additional content remains visible until the trigger is removed or dismissed. <p>However, there may be limitations or exceptions in certain contexts, such as complex interactive elements or dynamic content, where hover or focus-triggered content is not fully accessible to all users.</p> <p>Exceptions include:</p> <ul style="list-style-type: none"> ● Content appearing on hover or keyboard focus is not implemented correctly in several instances, and hover/focus-triggered popups not being dismissible using the Escape key. <ul style="list-style-type: none"> ○ CONTENT: Case study ○ DataVis home page
<p>2.4.5 Multiple Ways (Level AA)</p> <p>Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.4.5 (Web) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) 	<p>Partially Supports</p>	<p>Multiple ways to locate web pages are generally provided, such as navigation menus or search functionality. However, there may be instances where alternative navigation methods are inconsistently implemented or not easily accessible, limiting accessibility for some users.</p>

Criteria	Conformance Level	Remarks and Explanations
		<p>Exceptions include:</p> <ul style="list-style-type: none"> ● PDF bookmarks are missing or incorrectly implemented in several instances, affecting navigation and document structure for assistive technology users. <ul style="list-style-type: none"> ○ User manuals and tutorials ○ Usage Statistics
<p><u>2.4.6 Headings and Labels</u> (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.4.6 (Web) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) 	<p>Partially Supports</p>	<p>Headings and labels are used appropriately, and their focus can be programmatically determined. However, there may be instances where implementation is incomplete or certain functionalities are limited, reducing accessibility for some users.</p> <p>Exceptions include:</p> <ul style="list-style-type: none"> ● Identical, repetitive, or non-descriptive names are used for controls and items in several instances, including buttons and form fields, making it difficult to distinguish their purpose; additionally, expand/collapse subsection buttons are not properly defined and duplicate labels are used within form fields, resulting in unclear and non-unique identification for assistive technology users. <ul style="list-style-type: none"> ○ CONTENT: Book landing page ○ My Account area - datavis projects ○ DataVis properties lookup ○ CONTENT: Book chapter page ○ CONTENT: Solution Walkthrough ● A heading is missing for the Delete Project modal, making the dialog structure unclear. <ul style="list-style-type: none"> ○ My Account area - datavis projects

Criteria	Conformance Level	Remarks and Explanations
<p><u>2.4.7 Focus Visible</u> (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.4.7 (Web) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) 	<p>Partially Supports</p>	<p>Focus visibility is implemented in some areas of the user interface, allowing users to perceive the focus indicator. However, there may be instances where the focus indicator is inconsistent or insufficiently visible, which could create usability challenges, particularly for users with visual impairments or low vision.</p> <p>Exceptions include:</p> <ul style="list-style-type: none"> ● Keyboard focus is not clearly visible in several instances, including buttons, edit fields, checkboxes, comboboxes, date picker controls, and dialog elements, making it difficult for keyboard users to determine the currently focused element. <ul style="list-style-type: none"> ○ MARC records and title list ○ My Account area - saved searches ○ DataVis project in datavis ○ DataVis properties lookup ○ DataVis home page
<p><u>2.4.11 Focus Not Obscured (Minimum)</u> (Level AA 2.2 only)</p> <p>EN 301 549 Criteria – Does not apply</p> <p>Revised Section 508 – Does not apply</p>	<p>Partially Supports</p>	<p>When a user interface component receives keyboard focus, the component is generally visible. However, there may be instances where portions of the focused component are obscured by author-created content, potentially impacting usability.</p> <p>Exceptions include:</p> <ul style="list-style-type: none"> ● Keyboard focus is obscured by overlapping content (e.g., suggestion box), causing the focused interactive element to be partially or fully hidden. <ul style="list-style-type: none"> ○ DataVis properties lookup

Criteria	Conformance Level	Remarks and Explanations
<p>2.5.7 Dragging Movements (Level AA 2.2 only) EN 301 549 Criteria – Does not apply Revised Section 508 – Does not apply</p>	Supports	All functionality requiring dragging movements can also be operated using a single pointer without dragging, unless dragging is essential or determined by the user agent and cannot be modified by the author.
<p>2.5.8 Target Size (Minimum) (Level AA 2.2 only) EN 301 549 Criteria – Does not apply Revised Section 508 – Does not apply</p>	Supports	Pointer input targets are at least 24 by 24 CSS pixels, ensuring they can be easily activated without accidentally triggering adjacent targets. Exceptions include spacing, equivalent functionality, inline targets, user agent-controlled sizes, or essential presentations where smaller targets are required.
<p>3.1.2 Language of Parts (Level AA) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> ● 9.3.1.2 (Web) Revised Section 508 <ul style="list-style-type: none"> ● 501 (Web)(Software) </p>	Supports	The human language of each passage or phrase in the content can be programmatically determined, excluding proper names, technical terms, vernacular expressions, and words of indeterminate language.
<p>3.2.3 Consistent Navigation (Level AA) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> ● 9.3.2.3 (Web) Revised Section 508 <ul style="list-style-type: none"> ● 501 (Web)(Software) </p>	Supports	Navigational mechanisms repeated across multiple web pages within a set occur in the same relative order each time, ensuring predictable and consistent navigation unless intentionally altered by the user.
<p>3.2.4 Consistent Identification (Level AA) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> ● 9.3.2.4 (Web) Revised Section 508 <ul style="list-style-type: none"> ● 501 (Web)(Software) </p>	Supports	Components with identical functionality across a set of web pages are consistently identified, ensuring users can reliably recognize and interact with them.

Criteria	Conformance Level	Remarks and Explanations
<p><u>3.3.3 Error Suggestion</u> (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.3.3.3 (Web) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) 	Supports	When an input error is automatically detected and correction suggestions are available, they are provided to the user unless doing so would compromise the security or purpose of the content.
<p><u>3.3.4 Error Prevention (Legal, Financial, Data)</u> (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.3.3.4 (Web) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) 	Not Applicable	This application does not include sensitive data submission.
<p><u>3.3.8 Accessible Authentication (Minimum)</u> (Level AA 2.2 only)</p> <p>EN 301 549 Criteria – Does not apply</p> <p>Revised Section 508 – Does not apply</p>	Not Applicable	This application does not include authentication functionality.
<p><u>4.1.3 Status Messages</u> (Level AA 2.1 and 2.2)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.4.1.3 (Web) <p>Revised Section 508 – Does not apply</p>	Partially Supports	<p>Status messages are generally programmatically determinable, enabling assistive technologies to present them to users. However, there may be scenarios where this functionality is inconsistent or incomplete, potentially limiting accessibility in certain cases.</p> <p>Exceptions include:</p> <ul style="list-style-type: none"> ● Dynamic updates, status messages, and changes in content are not consistently announced by screen readers in several instances, including search results, loading states, combobox and date picker changes, success or toast messages, alerts, updated values, and other dynamically changing content, preventing users from being informed of important updates without moving focus.

Criteria	Conformance Level	Remarks and Explanations
		<ul style="list-style-type: none"> ○ Homepage ○ Search results ○ Contact page ○ MARC records and title list ○ My Account area - bookmarks ○ My Account area - saved searches ○ CONTENT: Book landing page ○ My Account area - alerts ○ DataVis project in datavis ○ CONTENT: Videos ○ CONTENT: Book chapter page ○ DataVis properties lookup

Table 3: Success Criteria, Level AAA

Notes: This table was removed as it is not applicable to this application.

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Notes: The tables for Chapters 4, 5, and 6 were removed as they are not applicable to this application.

Chapter 3: [Functional Performance Criteria \(FPC\)](#)

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Partially Supports	<p>Most functionality is usable without vision, but some elements may not be fully available or properly conveyed to assistive technologies. Exceptions are noted in:</p> <ul style="list-style-type: none"> ● 1.1.1 Non-text Content (Level A) ● 1.3.1 Info and Relationships (Level A) ● 1.3.2 Meaningful Sequence (Level A) ● 1.3.3 Sensory Characteristics (Level A) ● 1.4.1 Use of Color (Level A) ● 2.1.1 Keyboard (Level A) ● 2.4.1 Bypass Blocks (Level A) ● 2.4.2 Page Titled (Level A) ● 2.4.3 Focus Order (Level A) ● 2.4.4 Link Purpose (In Context) (Level A) ● 3.2.1 On Focus (Level A) ● 3.2.2 On Input (Level A) ● 3.3.1 Error Identification (Level A) ● 4.1.2 Name, Role, Value (Level A) ● 2.4.5 Multiple Ways (Level AA) ● 2.4.6 Headings and Labels (Level AA)
302.2 With Limited Vision	Partially Supports	<p>Most functionality is usable with limited vision; however, some content may not fully support resizing, contrast needs, or visual adaptability. Exceptions are noted in:</p> <ul style="list-style-type: none"> ● 1.1.1 Non-text Content (Level A) ● 1.3.1 Info and Relationships (Level A) ● 1.3.2 Meaningful Sequence (Level A) ● 1.3.3 Sensory Characteristics (Level A) ● 1.4.1 Use of Color (Level A) ● 2.1.1 Keyboard (Level A)

Criteria	Conformance Level	Remarks and Explanations
		<ul style="list-style-type: none"> ● 2.4.1 Bypass Blocks (Level A) ● 2.4.2 Page Titled (Level A) ● 2.4.3 Focus Order (Level A) ● 2.4.4 Link Purpose (In Context) (Level A) ● 3.2.1 On Focus (Level A) ● 3.2.2 On Input (Level A) ● 3.3.1 Error Identification (Level A) ● 3.3.2 Labels or Instructions (Level A) ● 4.1.2 Name, Role, Value (Level A) ● 1.4.3 Contrast (Minimum) (Level AA) ● 1.4.4 Resize text (Level AA) ● 2.4.5 Multiple Ways (Level AA) ● 2.4.6 Headings and Labels (Level AA) ● 2.4.7 Focus Visible (Level AA)
302.3 Without Perception of Color	Partially Supports	<p>Most functionality is usable without color perception; however, some elements may still rely solely on color to convey information. Exceptions are noted in:</p> <ul style="list-style-type: none"> ● 1.4.1 Use of Color (Level A) ● 3.3.1 Error Identification (Level A) ● 1.4.3 Contrast (Minimum) (Level AA)
302.4 Without Hearing	Supports	All functionality is usable without hearing. No essential information is provided through audio alone.
302.5 With Limited Hearing	Supports	All functionality is usable with limited hearing through visual alternatives such as captions, transcripts, or visual indicators.
302.6 Without Speech	Not Applicable	This application does not require the use of speech.
302.7 With Limited Manipulation	Partially Supports	Most functionality is usable with limited manipulation and does not require fine motor control or simultaneous manual operations. Exceptions are noted in:

Criteria	Conformance Level	Remarks and Explanations
		<ul style="list-style-type: none"> ● 2.1.1 Keyboard (Level A) ● 2.4.1 Bypass Blocks (Level A) ● 2.4.2 Page Titled (Level A) ● 2.4.3 Focus Order (Level A) ● 2.4.4 Link Purpose (In Context) (Level A) ● 3.2.1 On Focus (Level A) ● 4.1.2 Name, Role, Value (Level A) ● 2.4.6 Headings and Labels (Level AA) ● 2.4.7 Focus Visible (Level AA)
302.8 With Limited Reach and Strength	Supports	All functionality is usable with limited reach and strength.
302.9 With Limited Language, Cognitive, and Learning Abilities	Supports	All functionality is usable with limited cognitive, language, or learning abilities. Information is presented clearly and without unnecessary cognitive load.

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Notes: The tables for Chapters 5 through 13 were removed as they are not applicable to this application.

Chapter 4: [Functional Performance Statements \(FPS\)](#)

Criteria	Conformance Level	Remarks and Explanations
4.2.1 Usage without vision	Partially Supports	<p>Most functionality is usable without vision; however, certain elements may not be fully accessible or properly conveyed to assistive technologies. Exceptions are identified in:</p> <ul style="list-style-type: none"> ● 1.1.1 Non-text Content (Level A) ● 1.3.1 Info and Relationships (Level A) ● 1.3.2 Meaningful Sequence (Level A) ● 1.3.3 Sensory Characteristics (Level A) ● 1.4.1 Use of Color (Level A) ● 2.1.1 Keyboard (Level A) ● 2.4.1 Bypass Blocks (Level A) ● 2.4.2 Page Titled (Level A) ● 2.4.3 Focus Order (Level A) ● 2.4.4 Link Purpose (In Context) (Level A) ● 3.2.1 On Focus (Level A) ● 3.2.2 On Input (Level A) ● 3.3.1 Error Identification (Level A) ● 4.1.2 Name, Role, Value (Level A) ● 2.4.5 Multiple Ways (Level AA) ● 2.4.6 Headings and Labels (Level AA)
4.2.2 Usage with limited vision	Partially Supports	<p>Most functionality is usable with limited vision; however, some content may not fully support resizing, contrast needs, or visual adaptability. Exceptions are noted in:</p> <ul style="list-style-type: none"> ● 1.1.1 Non-text Content (Level A) ● 1.3.1 Info and Relationships (Level A) ● 1.3.2 Meaningful Sequence (Level A) ● 1.3.3 Sensory Characteristics (Level A) ● 1.4.1 Use of Color (Level A) ● 2.1.1 Keyboard (Level A) ● 2.4.1 Bypass Blocks (Level A)

Criteria	Conformance Level	Remarks and Explanations
		<ul style="list-style-type: none"> ● 2.4.2 Page Titled (Level A) ● 2.4.3 Focus Order (Level A) ● 2.4.4 Link Purpose (In Context) (Level A) ● 3.2.1 On Focus (Level A) ● 3.2.2 On Input (Level A) ● 3.3.1 Error Identification (Level A) ● 3.3.2 Labels or Instructions (Level A) ● 4.1.2 Name, Role, Value (Level A) ● 1.4.3 Contrast (Minimum) (Level AA) ● 1.4.4 Resize text (Level AA) ● 2.4.5 Multiple Ways (Level AA) ● 2.4.6 Headings and Labels (Level AA) ● 2.4.7 Focus Visible (Level AA)
4.2.3 Usage without perception of colour	Partially Supports	<p>Most functionality is usable without color perception; however, some elements may still rely solely on color to convey information. Exceptions are noted in:</p> <ul style="list-style-type: none"> ● 1.4.1 Use of Color (Level A) ● 3.3.1 Error Identification (Level A) ● 1.4.3 Contrast (Minimum) (Level AA)
4.2.4 Usage without hearing	Supports	All functionality is usable without hearing. No essential information is provided through audio alone.
4.2.5 Usage with limited hearing	Supports	All functionality is usable with limited hearing through visual alternatives such as captions, transcripts, or visual indicators.
4.2.6 Usage with no or limited vocal capability	Not Applicable	This application does not require the use of speech.
4.2.7 Usage with limited manipulation or strength	Partially Supports	<p>Most functionality is usable with limited manipulation or strength. Exceptions are noted in:</p> <ul style="list-style-type: none"> ● 2.1.1 Keyboard (Level A) ● 2.4.1 Bypass Blocks (Level A) ● 2.4.2 Page Titled (Level A)

Criteria	Conformance Level	Remarks and Explanations
		<ul style="list-style-type: none"> ● 2.4.3 Focus Order (Level A) ● 2.4.4 Link Purpose (In Context) (Level A) ● 3.2.1 On Focus (Level A) ● 4.1.2 Name, Role, Value (Level A) ● 2.4.6 Headings and Labels (Level AA) ● 2.4.7 Focus Visible (Level AA)
4.2.8 Usage with limited reach	Supports	All functionality is usable with limited reach and does not require specific physical positioning.
4.2.9 Minimize photosensitive seizure triggers	Supports	All functionality avoids content that can trigger photosensitive seizures or provides alternatives to reduce risk.
4.2.10 Usage with limited cognition, language or learning	Supports	All functionality is usable by individuals with limited cognitive, language, or learning abilities. Information is clear and presented with minimal cognitive load.
4.2.11 Privacy	Supports	Where the application provides accessibility features, all users of these features can maintain their privacy.

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