

Voluntary Product Accessibility Template® (VPAT®)

WCAG Edition

WCAG Edition

(Based on VPAT® Version 2.4)

Name of Product: Mindscape Commons (<https://mindscapecommons.net/>)

Evaluation Methods Used:

- **Automated Testing:** Axe automated plugin has been used for initial scanning of different pages present in the application.
- **Manual Testing:** This report has been generated based on the tests conducted via a paired testing methodology involving two testers, one of them is a non-sighted and the other is a sighted accessibility expert. The tools which have been used for testing are: NVDA 2020 which is an open source screen reader. Paciello Group's Color Contrast Analyzer, Text Spacing Tool and Dragon Naturally Speaking Tool version 15.0.

- **Testing Scope & Compatibility Matrix:**

Key Features in Accessibility Testing Scope:

- Home
- Search Results
- Experience Detail (Moments of Excellence)
- Experience Detail (Vroom Virtual Home)
- Experience Detail (Psychoeducation for Anxiety)
- Infographic
- Glossary
- Submit an Entry
- Collections

- Collection list

Platforms	FF(Latest)
Win 10	NVDA 2020

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)
Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018	(Yes)

Sections	Total number of Applicable Provisions	Total Number of Supported Provisions		
		Supports	Partially Supports	Does Not Support
Web Content Accessibility Guidelines 2.1 A	20	9	10	1
Web Content Accessibility Guidelines 2.1 AA	11	6	5	-
Functional Performance Criteria	7	1	6	-
Support Documentation and Services	3	-	1	2

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.

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 2.0 Conformance Requirements](#).

Table 1: Success Criteria, Level A

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)	Partially Supports	<p>Most of the graphics and icons available in the application have equivalent text alternative. Visually impaired users are able to perceive the information of graphics from its alt text. However, there are a few instances where alt text of images is not provided:</p> <p>Few Exceptions:</p> <ol style="list-style-type: none">1. Experience Detail Page: Watch In HMD Button: Launch Code Frame: Alt-text is missing for step numbers of installing using uptale application.2. Experience Detail Page: Watch In HMD Button: Launch Code Frame: Alt-Text is not provided for the 'UPTALE' logo graphic.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Not Applicable	There is no audio-only and video-only content present in the application.

Criteria	Conformance Level	Remarks and Explanations
1.2.2 Captions (Prerecorded) (Level A)	Does Not Support	<p>No closed captions are provided for the multimedia content available in the application.</p> <p>Exception:</p> <ol style="list-style-type: none"> 1. Experience Details Page (Moments of Excellence): Activity Video: Closed captions are not provided for the available video.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Supports	<p>Text Transcript is provided with the video as a media alternative for all users.</p>
1.3.1 Info and Relationships (Level A)	Partially Supports	<p>Screen reader properly identifies most of the information available in the application. Visually impaired users are easily able to perceive the relationships between a particular element and its role. However, there are a few exceptions where visually impaired users have difficulties in understanding the information and its corresponding relationship.</p> <p>Few Exceptions:</p> <ol style="list-style-type: none"> 1. Submit on entry: Screen reader incorrectly associates "Submit on entry: " instead of "Please provide your project's creation date" along with the "Date" edit field. 2. Global: Experience Details Page: Transcript and Teacher Material PDF: PDF's are not tagged. 3. Experience Detail Page: Watch In HMD Button: Launch Code Frame: Screen reader reads 'Open Menu' items even when they are not present visually on the page. 4. Experience detail page: Watch In HMD Button: Launch Code Frame: Visually hidden heading text "How to use your code in the..." is tagged as plain text instead of H3. 5. Search Results: The summary of each graphic card featured item is not tagged as heading, should be "H3".

Criteria	Conformance Level	Remarks and Explanations
1.3.2 Meaningful Sequence (Level A)	Supports	Screen reader reads the content present in the application in a meaningful sequence using arrow keys and tab key.
1.3.3 Sensory Characteristics (Level A)	Not Applicable	No such information present in the application, which rely solely on sensory characteristics of components such as shape, size, visual location, orientation, or sound.
1.4.1 Use of Color (Level A)	Partially Supports	Wherever color is used to convey some meaningful information, it is accompanied with an alternative that does not rely on color to interpret the same information. However, there is an instance on Search Results page where information 'Commercial' and 'Research Project' is conveyed through colors only.
1.4.2 Audio Control (Level A)	Not Applicable	There is no such audio available in the application, which plays automatically as soon as the page is launched.

Criteria	Conformance Level	Remarks and Explanations
2.1.1 Keyboard (Level A)	Partially Supports	<p>Application has many interactive user interface components like buttons, links, dropdowns, and most of these elements are operable using a keyboard for screen reader/ keyboard users. However, there are a few instances where it is difficult for screen reader/ keyboard only user to access some of these elements using a keyboard.</p> <p>Few Exceptions:</p> <ol style="list-style-type: none"> 1. Experience Details Page: Moments of Excellence: Keyboard user is unable to move forward after 'Part of' section using tab key. 2. Experience Details Page: Activity Video: Keyboard controls are not provided to play or pause the available video. 3. Experience Details Page: VR Frame: Drag and click activity is not accessible for screen reader users and keyboard users. 4. VRoom Virtual Home Page Visit: Main Room: Drag and Click activity is not accessible for screen reader and keyboard users. 5. Search Results: Screen reader user is unable to access all the checkboxes present under "Subject, Publisher, Access type, Release Date, Scenery type, Target platforms, Immersion factor, Interactivity factor, Demographics" using arrow keys.
2.1.2 No Keyboard Trap (Level A)	Supports	Keyboard focus is not getting trapped anywhere in the application.
2.1.4 Character Key Shortcuts (Level A 2.1 only)	Not Applicable	Single key character shortcuts are not used anywhere in the application.
2.2.1 Timing Adjustable (Level A)	Not Applicable	There is no such activity available in application where time needs to be adjusted except for one essential feature where unique code appears for certain period of time for pairing with other device, and user is given sufficient time of 30 minutes to activate that code.
2.2.2 Pause, Stop, Hide (Level A)	Not Applicable	There is no moving/auto-updating content available in the application.
2.3.1 Three Flashes or Below Threshold (Level A)	Not Applicable	There is no flashing / blinking content present anywhere in the application.

Criteria	Conformance Level	Remarks and Explanations
2.4.1 Bypass Blocks (Level A)	Supports	"Skip to Main Content" link is provided for all the available pages in the application to skip the repetitive block of content.
2.4.2 Page Titled (Level A)	Supports	Descriptive page title is provided for the pages, which specifies the context & purpose of the page content.
2.4.3 Focus Order (Level A)	Partially Supports	<p>The focus order is moving in a correct sequence on majority of instances. User is able to navigate the content in logical sequence except for few instances described below:</p> <p>Few Exceptions:</p> <ol style="list-style-type: none"> 1. Submit an Entry page: Attach File Dialog: Screen reader focus does not automatically move to the 'Attach File Dialog'. 2. Submit an Entry page: Submission Form: Attach File Dialog: On attaching the image or closing the dialog, Screen reader and keyboard focus do not return back to its parent element (Attach File Button). 3. Submit an Entry page: Submission Form: Attach File Dialog: Screen reader and keyboard focus is not trapped within the 'Attach File' dialog. 4. Submit an Entry: Keyboard user unnecessarily identifies two hidden tab focuses after 'Editorial guidelines for submission...' link. 5. Home Page: Tab focus unnecessarily moves to the frame of the 'typeahead search result' frame.
2.4.4 Link Purpose (In Context) (Level A)	Partially Supports	Most of the links present in the application are provided with sufficient link text, which clears the purpose of link. However, there are instances on 'Moments of Excellence' page where links do not have discernible text or accessible name.
2.5.1 Pointer Gestures (Level A 2.1 only)	Not Applicable	Accessibility audit has not been conducted on mobile devices.

Criteria	Conformance Level	Remarks and Explanations
2.5.2 Pointer Cancellation (Level A 2.1 only)	Supports	Application controls are activated on an UP event even if user accidentally tap on a control. S/he can move away from its target area & lift up his pointer to abort its action.
2.5.3 Label in Name (Level A 2.1 only)	Partially Supports	<p>Motor impaired users can activate most of the interactive elements by calling their visible text labels using a speech recognition tool like 'Dragon'. However, there are a few elements, which cannot be activated from their visible text labels using a speech recognition tool.</p> <p>Few Exceptions:</p> <ol style="list-style-type: none"> 1. Global: Dragon: Home Page: Dragon user is unable to activate 'Search for experiences...' edit field using its visible label. 2. Search Results: Dragon user is unable to activate the 'Search' edit fields and available checkboxes under 'Subject, Publisher, Access Type, Scenery Type, Target Platforms, Immersion Factor, and Demographics' headings using their visible label. 3. Experience Details Page: Dragon user is unable to activate the 'Search Transcript' edit field using its visible label. 4. Submit an Entry: Attach File button: Dragon user is unable to activate the 'Select files to upload, Edit, Deselect All and upload More' link and upload button using their visible label. 5. Collections: Dragon user is unable to activate the available filters links using their visible label.
2.5.4 Motion Actuation (Level A 2.1 only)	Not Applicable	Accessibility audit has not been conducted on mobile devices.
3.1.1 Language of Page (Level A)	Supports	Application content is available in English language, and this language is programmatically defined using the lang = "en" attribute in the <html> tag.
3.2.1 On Focus (Level A)	Supports	No change of context is observed in the application when any UI element receives keyboard focus.

Criteria	Conformance Level	Remarks and Explanations
3.2.2 On Input (Level A)	Supports	Change of context does not happen anywhere in the application while changing the setting of any UI component.
3.3.1 Error Identification (Level A)	Not Applicable	Application does not have such feature/activity where error/feedback message occurs.
3.3.2 Labels or Instructions (Level A)	Partially Supports	Application provides support for visually impaired and cognitive users as the labels and instructions are provided for form fields. These labels are clearly visible and readable to such users. However, there is an instance on Search Results page where all the checkboxes present under "Subject, Publisher, Access type, Release Date, Scenery type, Target platforms, Immersion factor, Interactivity factor, Demographics" are unlabeled for screen reader users.
4.1.1 Parsing (Level A)	Partially Supports	Different elements are implemented using markup languages and start and end tags are properly used. Elements are nested according to their specifications, and do not contain duplicate attributes. However, there is an instance on 'Submit an Entry page where ID's used in ARIA and Labels are not unique.

Criteria	Conformance Level	Remarks and Explanations
4.1.2 Name, Role, Value (Level A)	Partially Supports	<p>Most of the components present in the application have proper name/ label, role/ state, and value, which helps screen reader user to know the actual purpose and nature of these components. However, there are a few instances where name, role and value attributes are inappropriate for web elements.</p> <p>Few Exceptions:</p> <ol style="list-style-type: none"> 1. Submit an Entry page: Submission Form: Attach File Dialog: Screen reader reads all interactive elements of attach file dialog as plain text. 2. Search Results: Visual selected state indicator of 'Grid View' and 'List View' is not provided for visual users. 3. Search Results: On typing any term in the subject edit field, screen reader does not automatically identify the searched results on the page. 4. Experience detail Page: VR Frame: Accessible name is not provided for interactive icons present on the frame.

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Not Applicable	There is no live multimedia content present in the application.
1.2.5 Audio Description (Prerecorded) (Level AA)	Not Applicable	Audio Description is not required for the video available in the activity frame. Visually impaired users can rely on the existing audio or transcript file to perceive the complete information.

Criteria	Conformance Level	Remarks and Explanations
<u>1.3.4 Orientation (Level AA 2.1 only)</u>	Not Applicable	Accessibility audit has not been conducted on mobile devices.
<u>1.3.5 Identify Input Purpose (Level AA 2.1 only)</u>	Not Applicable	There are no such input form fields available in the application, which collect user's personal information (such as user's email or mobile phone number), and where purpose of the form field needs to be programmatically defined using type or autocomplete attributes.
<u>1.4.3 Contrast (Minimum)</u> (Level AA)	Partially Supports	<p>Application has sufficient contrast ratio i.e., 4.5:1 for most of the color combinations used in the web pages. However, there are a few instances where the color contrast ratio fails for some color combinations.</p> <p>Few Exceptions:</p> <ol style="list-style-type: none"> 1. Submit an entry Page: Color contrast ratio of the text 'Never submit passwords...' is less than the standard ratio i.e., 4.5:1. 2. Submit an entry Page: Color contrast ratio of the text 'Drop files here' is less than the standard ratio i.e., 4.5: 1. 3. Experience Details Page: Moments of Excellence: Watch in HMD: Color contrast ratio of launch code text with light green background and white foreground is less than the standard ratio 3:1. 4. Submit an entry Page: Color contrast ratio of the text 'mm/dd/yyyy' is less than the standard ratio i.e., 4.5:1.

Criteria	Conformance Level	Remarks and Explanations
1.4.4 Resize text (Level AA)	Partially Supports	<p>Low vision users are able to perceive & operate the content in the magnified view while resizing the content up to 200% using the browser zoom feature. However, there are a few instances where loss of information is observed at 200% magnification level.</p> <p>Few exceptions:</p> <ol style="list-style-type: none"> 1. Experience Details Page: Moments of Excellence: Watch In HMD: 'Launch Code' expiration time is not visible at 100% browser zoom. 2. Experience Details Page: Moments of Excellence: Text "Carlos Zalaquett" overlaps on text "Rhea Banerjee" at 200 text only zoom. 3. Collections Page: Cards titles and description is not completely visible at 200 text only zoom. 4. Axe: Global: Experience Details Page (Moments of Excellence...): Zooming and scaling are disabled for the page.
1.4.5 Images of Text (Level AA)	Not Applicable	No visual presentation in the image of text is used to achieve the regular text like a heading.
1.4.10 Reflow (Level AA 2.1 only)	Partially Supports	<p>A low-vision user is able to access most of the information present on the page when the browser is set at 400% zoom. However, the page layout does not properly support 400% browser zoom, as some of the content is not properly visible at 400% magnification level.</p> <p>Few exceptions:</p> <ol style="list-style-type: none"> 1. Experience detail page: At 400% browser zoom the text 'Moments of Excellence' is overlapped by the text 'start the experience'. 2. Global: Home Page: At 400% browser zoom the text 'Products' entirely gets truncated.

Criteria	Conformance Level	Remarks and Explanations
1.4.11 Non-text Contrast (Level AA 2.1 only)	Partially Supports	Application provides sufficient contrast for different user interface components. However, there is an instance on 'Submit an Entry Page' where Color contrast ratio of the focus indicator on the 'Report malicious form' link is less than the standard ratio i.e., 3.0:1.
1.4.12 Text Spacing (Level AA 2.1 only)	Supports	Application provides support for people with low vision and reading disabilities as it allows users to view the application content in their desired text (Letter, word, line and paragraph) spacing.
1.4.13 Content on Hover or Focus (Level AA 2.1 only)	Not Applicable	No additional content is displayed when any UI element receives mouse or keyboard focus.
2.4.5 Multiple Ways (Level AA)	Supports	The entire application consists of several pages, which can be accessed through main navigation header as well as from footer section.
2.4.6 Headings and Labels (Level AA)	Supports	Heading and Labels provided for web elements are clear enough to understand the purpose, by which user can identify specific components within the content.
2.4.7 Focus Visible (Level AA)	Partially Supports	Most of the interactive elements receive a clear visual focus indicator. Keyboard users are able to identify the currently focused element while navigating the page using tab key. However, there is an instance on 'Moments of Excellence Page' where Tab focus is not visible on the interactive elements available in the VR frame.
3.1.2 Language of Parts (Level AA)	Not Applicable	Application uses only one language "English" throughout web pages. There is no passage or phrase available in the content where the language of part needs to be defined.
3.2.3 Consistent Navigation (Level AA)	Supports	Repeated components are occurring in the same order on every page of the application, which helps user to predict the location of different web elements on each page.
3.2.4 Consistent Identification (Level AA)	Supports	Elements that have the same functionality across multiple pages in the application have same labels or same name.
3.3.3 Error Suggestion (Level AA)	Not Applicable	Application does not have such feature/activity where error/feedback message occurs.

Criteria	Conformance Level	Remarks and Explanations
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Not Applicable	There is no such feature available in the application where user needs to make any legal or financial commitment.
4.1.3 Status Messages (Level AA 2.1 only)	Supports	Dynamic changes and notifications are automatically announced, and screen reader users are able to identify the updated status / progress of any task programmatically.

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

Notes:

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Partially Supports	<p>Application provides support for screen reader like NVDA. Users using the screen reader can easily operate the application. However, there are few instances where a screen reader user will have difficulties in understanding the information.</p> <p>Few Exceptions:</p> <ol style="list-style-type: none"> 1. Experience Detail Page: Watch In HMD Button: Launch Code Frame: Alt-text is missing for step numbers of installing using uptake application. 2. Submit on entry: Screen reader incorrectly associates "Submit on entry: " instead of "Please provide your project's creation date" along with the "Date" edit field. 3. Global: Experience Details Page: Transcript and Teacher Material PDF: PDF's are not tagged. 4. Search Results: The summary of each graphic card featured item is not tagged as heading, should be "H3". 5. Submit an Entry page: Attach File Dialog: Screen reader focus does not automatically move to the 'Attach File Dialog'. 6. Experience Details Page (Moments of Excellence...): Links do not have discernible text. 7. Search Results: All the checkboxes present under "Subject, Publisher, Access type, Release Date, Scenery type, Target platforms, Immersion factor, Interactivity factor, Demographics" are unlabeled for screen reader users. 8. Experience detail page: Heading text "See also" is insufficient to understand its context. 9. Submit an Entry page: Submission Form: Attach File Dialog: Screen reader reads all interactive elements of attach file dialog

Criteria	Conformance Level	Remarks and Explanations
302.2 With Limited Vision	Partially Supports	<p>Content of the application is easily readable when the web pages are resized up to 200% and 400%. Color scheme is appropriate and color contrast ratio of most of the interactive elements is equal to or greater than standard ratio 4.5:1 except for few instances mentioned below.</p> <p>Few exceptions:</p> <ol style="list-style-type: none"> 1) Submit an entry Page: Color contrast ratio of the text 'Never submit passwords...' is less than the standard ratio i.e., 4.5:1. 2) Experience Details Page: Moments of Excellence: Watch in HMD: Color contrast ratio of launch code text with light green background and white foreground is less than the standard ratio 3:1. 3) Experience Details Page: Moments of Excellence: Text "Carlos Zalaquett" overlaps on text "Rhea Banerjee" at 200 text only zoom. 4) Collections Page: Cards titles and description is not completely visible at 200 text only zoom. 5) Global: Home Page: At 400% browser zoom the text 'Products' entirely gets truncated.
302.3 Without Perception of Color	Partially Supports	<p>Wherever color is used to convey some meaningful information, it is accompanied with an alternative that does not rely on color to interpret the same information. However, there is an instance on Search Results page where information 'Commercial' and 'Research Project' is conveyed through colors only.</p>
302.4 Without Hearing	Partially Supports	<p>There is a multimedia content available in the application and closed caption is not provided for the video available on the 'Moments of Excellence' page. Although the text transcript is provided for the video.</p>

Criteria	Conformance Level	Remarks and Explanations
302.5 With Limited Hearing	Partially Supports	There is a multimedia content available in the application and closed caption is not provided for the video available on the 'Moments of Excellence' page. Although the text transcript is provided for the video.
302.6 Without Speech	Not Applicable	Speech is not required to complete any task or activity.
302.7 With Limited Manipulation	Not Applicable	There are no such complicated keyboard actions required in the application to perform any task, which requires simultaneous actions or fine motor control.

Criteria	Conformance Level	Remarks and Explanations
302.8 With Limited Reach and Strength	Partially Supports	<p>Application has many interactive user interface components like buttons, links, dropdowns, and most of these elements are operable using a keyboard for screen reader/ keyboard users. However, there are a few instances where it is difficult for screen reader/ keyboard only user to access some of these elements using a keyboard.</p> <p>Few exceptions:</p> <ol style="list-style-type: none"> 1. Experience Details Page: Moments of Excellence: Keyboard user is unable to move forward after 'Part of' section using tab key. 2. Experience Details Page: Activity Video: Keyboard controls are not provided to play or pause the available video. 3. Experience Details Page: VR Frame: Drag and click activity is not accessible for screen reader users and keyboard users. 4. Submit an Entry page: Submission Form: Attach File Dialog: On attaching the image or closing the dialog, Screen reader and keyboard focus do not return back to its parent element (Attach File Button). 5. Submit an Entry page: Submission Form: Attach File Dialog: Screen reader and keyboard focus are not trapped within the 'Attach File' dialog. 6. Experience Details Page (Moments of Excellence): Activity Frame: Tab focus is not visible on the interactive elements available in the VR frame.

Criteria	Conformance Level	Remarks and Explanations
302.9 With Limited Language, Cognitive, and Learning Abilities	Supports	<p>Features present in the application have good support for users with cognitive disabilities due to following reasons:</p> <ol style="list-style-type: none"> 1. Application does not have any moving text/images/animations, which disrupts in reading. 2. Application does not have any multimedia, which plays automatically and confuse the user. 3. Application does not have any flashing object, which causes seizure.

Chapter 6: Support Documentation and Services

Criteria	Conformance Level	Remarks and Explanations
601.1 Scope	Heading cell – no response required	Heading cell – no response required
<u>602 Support Documentation</u>	Heading cell – no response required	Heading cell – no response required
602.2 Accessibility and Compatibility Features	Does Not Support	There is no accessibility information section available in the website.
602.3 Electronic Support Documentation	See WCAG 2.0 section	See information in WCAG 2.0 section

Criteria	Conformance Level	Remarks and Explanations
602.4 Alternate Formats for Non-Electronic Support Documentation	Not Applicable	Since, the application provides information through the digital medium and it allows user to access the Help Center feature for further help regarding the digital content and documentation. There is no such requirement of alternate formats for non-electronic support documentation as help center services are available electronically.
<u>603 Support Services</u>	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features	Does Not Support	There is no specific section present in the application, which describes the Accessibility and Compatibility Features of the application.
603.3 Accommodation of Communication Needs	Partially Supports	The application provides support to end user regarding their General Queries at information@coherentdigital.net under Contact Us section. However, there is no contact information provided specific to differently abled users.