Accessibility Conformance Report
WCAG Edition

(Based on VPAT® Version 2.4Rev)

Name of Product/Version: Venngage 1.5

Report Date: June 30, 2023

Product Description: Venngage is an online design solution that enables anyone to create visuals like infographics, reports, diagrams, and presentations.

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Notes:

Accessibility compliance requires all public and (large) private organizations to make their websites and web content conform to the Web Content Accessibility Guidelines (WCAG). WCAG is a set of formal guidelines on how to develop accessible web content. WCAG focuses primarily on HTML accessibility although it can also be applied to mobile applications and digital documents.

Accessibility testing was carried out with reference to the WCAG 2.1 AA guidelines.

The product was found to be overall Partially Supportive.

Evaluation Methods Used:

The product was tested against all the applicable 50 success criteria within the Web Content Accessibility Guidelines (WCAG) 2.1 Conformance Level A and AA. The testing methodology included a combination of automated testing, and manual testing conducted via paired testing methodology involving non-sighted and sighted accessibility experts. This testing methodology ensures that every aspect related to accessibility and user experience is included in the analysis. Below is a list of some of the technologies and environments used:

- Assistive technologies – NVDA and VoiceOver, Keyboard-only interaction, Browser zoom,
- Automated tools – aXe, Color Contrast Analyzer
- Browser – Chrome, Safari
- Accessibility plugins – aXe, HeadingsMap
- Desktop – Windows 11, MacOS

The following combinations of technologies were used:

- Windows with Chrome and NVDA
- MacOs with Safari and VoiceOver
- Windows with Chrome and aXe

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- Windows with Google Chrome and Zoom
- Windows with Google Chrome and Color Contrast Analyzer
- Windows with Google Chrome and HeadingsMap

Compatibility Matrix:

OS	Browser	Assistive Technology
Windows 11	Chrome	NVDA
MacOS	Safari	VoiceOver
iOS	Safari	VoiceOver

Applicable Standards/Guidelines

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

Standard/Guideline	Included In Report
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)

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Terms

The terms used in the Conformance Level information are defined as follows:

- **Supports**: The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
- **Partially Supports**: Some functionality of the product does not meet the criterion.
- **Does Not Support**: The majority of product functionality does not meet the criterion.
- **Not Applicable**: The criterion is not relevant to the product.
- **Not Evaluated**: The product has not been evaluated against the criterion. This can be used only in WCAG 2.0 Level AAA.

WCAG 2.1 Report

Note: When reporting on conformance with the WCAG 2.1 Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the WCAG 2.1 Conformance Requirements.

Table 1: Success Criteria, Level A

Notes:

Criteria	Conformance Level	Remarks and Explanations
[1.1.1 Non-text Content](#) (Level A)	**Partially Supports**	**Features:** For the informative images in the application alternative text is provided and the decorative images are hidden for the screen reader users. However, there are a few exceptions where decorative images have a description or informative images don't have a description. **Exceptions:** 1. Accessibility Tab: The result icons do not have a description or alternative text assigned. 2. Object – Image: The image "Essential accessibility" does not have the required alt attribute. The alt attribute must be present on all images whether it is populated or not. 3. Object – Text: The SVG images do not have a description or alternative text assigned. 4. Edit the table widget: The SVG does not have a title. The "Pass" and "Fail" information is not perceivable to the screen reader users. 5. View a shared design: The "Chart" does not have a text alternative. 6. View a shared design: The decorative image "Outdoor Shoe scrapers" has a description. 7. Accessibility Tab: The decorative image has a description "Check accessibility background".
[1.2.1 Audio-only and Video-only (Prerecorded)](#) (Level A)	**Not Applicable**	**Features:**

Criteria		Remarks and Explanations
		There is no audio-only and video-only content present in the application.
1.2.2 Captions (Prerecorded) (Level A)	Not Applicable	**Features:** There are no videos or multimedia content present in the application which requires captions.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Not Applicable	**Features:** There is no multimedia content present in the application which requires audio descriptions.
1.3.1 Info and Relationships (Level A)	Partially Supports	**Features:** The screen reader properly identifies most of the information available in the application and the screen reader user is easily able to perceive the relationships between elements and their respective roles. However, there are a few exceptions where visually impaired users face difficulty in understanding the information and its corresponding relationships. **Exceptions:** 1. App Navigation Bar: The aria-hidden="true" is defined for the \<div\> element. 2. Upload images: The screen reader announces hidden content after text "Image Uploads". 3. Edit chart - data table: The relationship between the column headers and their data cells is not defined. 4. App Navigation Bar: The text "Download", "Is your design accessible" are not indicated as a heading. 5. Upload images: The text "Image Uploads" is not indicated as a heading. 6. Edit chart - data table: The text "Edit Chart" is not indicated as a heading. 7. Create a table widget: The "Charts" text is not indicated as a

Criteria	Conformance Level	Remarks and Explanations
		heading.
		8. App Navigation Bar: There is not a heading level 1 present on the website.
		9. Left Navigation: The buttons "Text", "Shapes", Icons", etc. are visually indicated as list but not properly coded.
		10. Main Canvas: The legend text "Custom Page Size" is not associated with the related controls "spin buttons", "combobox", "buttons".
1.3.2 Meaningful Sequence (Level A)	Supports	**Features:** The screen reader announces content in the webpage in a meaningful sequence.
1.3.3 Sensory Characteristics (Level A)	Supports	**Features:** Textual alternative is available for the information, which is presented in the form of sensory characteristics.
1.4.1 Use of Color (Level A)	Supports	**Features:** Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.
1.4.2 Audio Control (Level A)	Not Applicable	**Features:** There is no such audio available in the application, which plays automatically as soon as the page is launched.
2.1.1 Keyboard (Level A)	Partially Supports	**Features:** The application has many interactive user interface components like buttons, links, dropdowns, and most of these elements are operable using a keyboard with and without the screen reader. However, there are a few exceptions where functionality is not keyboard accessible. **Exceptions:**

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Criteria	Conformance Level	Remarks and Explanations
		1. Accessibility Tab Select: Edit Reading Order: The drag and drop activity is not accessible to keyboard and screen reader users. 2. Edit chart – setup: The button "Brand Fonts" is not reachable by the keyboard. 3. Left Navigation: For Uploads: The keyboard focus reaches the button "My Files" when the element is hidden, and therefore not visible. As a result, the user sees an empty focus indicator. 4. Left Navigation – For shapes: The unnecessary focus is going on tab panel inside tab "Shapes" and "Lines <div> element. 5. Managing multiple pages in a design – The functionality to reorder the "Page 1", "Page 2", "Page 3", etc. is only available for the mouse users.
[2.1.2 No Keyboard Trap](#) (Level A)	**Partially Supports**	**Features:** Focus traverses smoothly and does not get struck during keyboard navigation. However, there is an exception where keyboard focus traps. **Exception:** 1. Edit chart – setup: Keyboard focus gets stuck during keyboard navigation at the "Brand kit" select making it impossible to continue traversing focusable components and the select cannot be operated.
[2.1.4 Character Key Shortcuts](#) (Level A 2.1 only)	**Not Applicable**	**Features:** There are no character key shortcuts implemented in the application that conflict with the predefined screen reader shortcuts.
[2.2.1 Timing Adjustable](#) (Level A)	**Not Applicable**	**Features:** There is no time-based activity available in the web application for

Criteria	Conformance Level	Remarks and Explanations
		which the timing notification is implemented.
2.2.2 Pause, Stop, Hide (Level A)	Not Applicable	**Features:** There is no moving content in the application where content changes automatically and requires a mechanism to pause, Stop or hide it.
2.3.1 Three Flashes or Below Threshold (Level A)	Not Applicable	**Features:** There is no flashing or blinking content present anywhere in the application.
2.4.1 Bypass Blocks (Level A)	Supports	**Features:** There is a mechanism available to bypass blocks of content that are repeated on multiple Web pages.
2.4.2 Page Titled (Level A)	Partially Supports	**Features:** In the application, all the pages have unique page titles to understand the context of the pages. However, there are a few exceptions where the page title is not descriptive. **Exceptions:** 1. Main Canvas: The page title "React App" is not descriptive of the content present on the web page. 2. View a shared design: The page title is not descriptive of the content present on the web page.
2.4.3 Focus Order (Level A)	Partially Supports	**Features:** The application components receive focus in a meaningful order. However, there are a few exceptions where the focus is not on logical order. **Exceptions:** 1. Left Navigation: For Icons: The focus does not trap within the

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Criteria	Conformance Level	Remarks and Explanations
		expanded window of the "Icons" sub-menu button.
		2. Accessibility Tab: The focus does not redirect to the first interactive element of the "Check Accessibility" modal window. Also, the tab focus is not constrained within the modal window.
		3. Left Navigation: For Text: While triggering the button "Show more" focus does not move to the updated content.
		4. Upload images: Focus is not directed to the first functional element of the element modal and not trapped within the modal.
		5. Create a table widget: The focus is not cyclic and does not stay trapped within the "Charts" modal window.
		6. Edit the table widget: Focus is not directed to the first functional element of the 'Accessibility' modal window and does not stay trapped within the modal window using only the keyboard.
		7. Visual simulator: Focus is not directed to the first functional element of the element and does not stay trapped within it.
[2.4.4 Link Purpose (In Context)](#) (Level A)	**Supports**	**Features:** The purpose of each link in the application can be determined from the link text alone or from the programmatic context of the link.
[2.5.1 Pointer Gestures](#) (Level A 2.1 only)	**Partially Supports**	**Features:** There are no functionalities present in the application with complex pointer gestures where an alternative means for operating the content is provided. However, there are a few exceptions where functionalities are based on pointer gestures. **Exceptions:** 1. Edit the table widget: There are no equivalent keyboard controls (or a non-path-based equivalent) provided for the

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Criteria	Conformance Level	Remarks and Explanations
		"Resize", "Drag" buttons available only with a path-based gesture.
		2. Edit the table widget: There are no equivalent keyboard controls (or a non-path-based equivalent) provided for the "Double tap to select the table widget" available only with a path-based gesture.
2.5.2 Pointer Cancellation (Level A 2.1 only)	Supports	**Features:** The application functions that use a single pointer are completed when the user releases the pointer.
2.5.3 Label in Name (Level A 2.1 only)	Partially Supports	**Features:** Visual labels match with the accessible or programmatic names for all the elements. However, there are a few exceptions where visual label is different from the programmatic name. **Exceptions:** 1. Object – Text: The visible label of the slider "Opacity" is not included in the programmatic name. 2. Edit the table widget: The visible label of the slider "Opacity" is not included in the programmatic name.
2.5.4 Motion Actuation (Level A 2.1 only)	Not Applicable	**Features:** The application does not have functionality operated by the device motion or user motion.
3.1.1 Language of Page (Level A)	Supports	**Features:** The default language of the application is defined using the lang attribute in the HTML markup.
3.2.1 On Focus (Level A)	Partially Supports	**Features:** The application components do not initiate a change of context when focused. However, there is an exception where the change

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Criteria	Conformance Level	Remarks and Explanations
		of context occurs on focus.
		Exception:
		1. Share modal: When the tab "Download" receives voiceover swipe focus just next to the tab "Share", there is an automatic and unexpected change of context.
3.2.2 On Input (Level A)	**Supports**	**Features:** Change of context does not occur automatically on user input.
3.3.1 Error Identification (Level A)	**Supports**	**Features:** In the application, where errors occur automatically, the screen reader identifies the error, and an error message is provided as text.
3.3.2 Labels or Instructions (Level A)	**Partially Supports**	**Features:** The UI elements are provided with correct and meaningful labels. However, there are a few exceptions where the input fields are not labelled programmatically. **Exceptions:** 1. Alt Text modal: The edit field "Description" doesn't have a programmatic label assigned that describes its purpose. 2. Object – Text: No visual label is provided for the input "Search". 3. App Navigation Bar: Visual label is not provided for the "Document Title" edit field. 4. Edit the table widget: The visual label "Height" is not associated with the edit field. 5. Edit chart – setup: No label and instructions are provided for spin button "Select Border Width".
4.1.1 Parsing (Level A)	**Partially Supports**	The application uses semantically correct markup for all interface elements, has complete start and end tags, and has tags with

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Criteria	Conformance Level	Remarks and Explanations
		unique ID values. However, there are a few exceptions where the IDs of elements are not unique. **Exceptions:** 1. Left Navigation: More than one instance of an ID "pageWidth" is found. 2. Edit the table widget: More than one instance of an ID "pageWidth" is found.
[4.1.2 Name, Role, Value](#) (Level A)	**Partially Supports**	**Features:** Most of the components present in the application have proper name/label, role/state, and value, which helps the screen reader user to understand the actual purpose and nature of these components. However, there are some exceptions where Name/Role/Value is not associated properly for the elements. **Exceptions:** 1. Document Language modal: The element "Select language" doesn't have a programmatic label assigned that describes its purpose. 2. Edit chart - data table: The edit buttons do not have a label and role that programmatically defines the function of the control. 3. Edit chart – setup: The button "Select color for 2010-year bar graph" is not labeled programmatically. 4. Edit chart – setup: The color option radio buttons "No color", "#FFFFFF", "#000000", etc. are announced as "button". 5. Download modal: The "Download" button is not triggerable while using the screen reader. 6. Main Canvas: Selected state of button "title" is not announced by the screen reader. 7. Left Navigation: For Icons: The accessible name "Add new icon" of the icon button does not clearly describe its function or

Criteria	Conformance Level	Remarks and Explanations
		purpose.
		8. Left Navigation: For Uploads: The screen reader does not announce the iframe title.
		9. App Navigation Bar: The modal window with role="dialog" does not have an accessible name.
		10. Left Navigation: For Uploads: The "aria-label" attribute is defined on a \<div\> element with no valid role attribute.

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	**Not Applicable**	**Features:** There is no live multimedia content present in the application.
1.2.5 Audio Description (Prerecorded) (Level AA)	**Not Applicable**	**Features:** There is no multimedia content present in the application which requires audio descriptions.
1.3.4 Orientation (Level AA 2.1 only)	**Supports**	**Features:** Content doesn't restrict its view and operation to a single display orientation in the application. The users can view the application in the landscape mode.
1.3.5 Identify Input Purpose (Level AA 2.1 only)	**Supports**	**Features:** The purpose of each input field collecting information about the user is programmatically determined when the input field serves a purpose identified in the Input purposes for user interface components, and the content is implemented using technologies

Criteria	Conformance Level	Remarks and Explanations
		with support for identifying the expected meaning for form input data.
1.4.3 Contrast (Minimum) (Level AA)	**Partially Supports**	**Features:** The application has sufficient color contrast ratios i.e., 4.5:1 for most of the regular text present in the application. However, there are a few exceptions where color contrast fails. **Exceptions:** 1. App Navigation Bar: The color contrast ratio between the placeholder text "Document Title" and its background is less than 4.5:1. 2. Left Navigation: For Uploads: The color contrast ratio between the button "Upload Photo" and its background is less than 4.5:1. 3. Left Navigation: For Uploads: The color contrast ratio between the text "Drag and Drop assets here" and its background is less than 4.5:1. 4. Alt Text modal: The color contrast ratio between the link "Learn more about using alt text" and its background is less than 4.5:1. 5. Alt Text modal: The color contrast ratio between the placeholder text "How would your desire this" and its background is less than 4.5:1. 6. Upload images: The contrast ratio between the foreground color of text "JPEG, PNG or GIF format" and its background color is less than 4.5:1. 7. Edit chart - data table: The contrast ratio between the foreground color of placeholder text of input fields "Prefix" and "Suffix" and their background color is less than 4.5:1. 8. Edit chart – setup: The contrast ratio between the foreground color of placeholder text of input field "Search" and its background color is less than 4.5:1. 9. Edit the table widget: The color contrast ratio between the

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Criteria	Conformance Level	Remarks and Explanations
		"Search" placeholder text and its background is less than 4.5:1.
		10. Download modal: The color contrast ratio between the "Learn more" link and its background is less than 4.5:1.
[1.4.4 Resize text](#) (Level AA)	**Partially Supports**	**Features:** All the application content and user interfaces support standard zoom capabilities built into modern web view and operating systems. However, there are a few exceptions where content doesn't align properly on zooming the browser to 200%. **Exceptions:** 1. App Navigation Bar: The webpage content does not adapt itself to the screen width, so the user needs to scroll in both directions to read. 2. App Navigation Bar: The button "File" is overlapping itself.
[1.4.5 Images of Text](#) (Level AA)	**Not Applicable**	**Features:** There is no such information present in the application, which is in the form of Image of text.
[1.4.10 Reflow](#) (Level AA 2.1 only)	**Partially Supports**	**Features:** The screen adapts when the zoom is applied. The user can swipe to access the content presented on the webpage. However, there are a few exceptions where the content doesn't align properly on zooming the browser to 400%. **Exceptions:** 1. App Navigation Bar: The webpage content does not adapt itself to the screen width, so the user needs to scroll in both directions to read. 2. App Navigation Bar: The button "File" is overlapping with itself. 3. App Navigation Bar: The dropdown button "File" gets

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Criteria	Conformance Level	Remarks and Explanations
		overlapped with its "Caret" icon on web mobile view. 4. Edit chart – setup: The modal header is blocking the content of modal window "Edit Chart" out from view. 5. Create a table widget: The content does not adapt to the screen width, so the user needs to scroll in both directions to read. 6. Edit the table widget: "Right panel" is blocking the "Toolbar" out from view. 7. Visual simulator: "Accessibility" modal is blocking the content of "Left nav" out from view.
[1.4.11 Non-text Contrast](#) (Level AA 2.1 only)	**Partially Supports**	**Features:** The application provides a sufficient contrast ratio for different user interface components. Non-Text elements such as buttons, form fields etc. have a contrast ratio of 3.0:1. However, there are a few exceptions where color contrast ratio of the non-text control is less than the standard ratio. **Exceptions:** 1. App Navigation Bar: The color contrast ratio between the foreground color of border of the edit field "Document Title" and their background color is less than 3.0:1. 2. Left Navigation: For Uploads: The color contrast ratio of the active focus outline of button "Browse" and its background color is less than 3.0:1. 3. Document Language modal: Select Set Document Language from File dropdown menu: The color contrast ratio between the foreground color of border of the combo box "Language" and their background color is less than 3.0:1. 4. Edit chart - data table: The contrast ratio between the foreground color of border of input fields "Prefix" and "Suffix"

Criteria	Conformance Level	Remarks and Explanations
		and their background color is less than 3.0:1.
		5. Edit chart – setup: The contrast ratio between the foreground color of border of input field "Search" and its background color is less than 3.0:1.
		6. Managing multiple pages in a design: The contrast ratio between the foreground color of border of editable spin button "Find Page" and its background color is less than 3.0:1.
		7. Edit the table widget: The color contrast ratio between the border of "Search" edit field and its background is less than 3.0:1.
		8. Edit the table widget: The color contrast ratio between the "Resize icon" buttons and their background is less than 3.0:1.
		9. Download modal: The color contrast ratio between the border of "PNG", "PDF" radio buttons and their background is less than 3.0:1.
1.4.12 Text Spacing (Level AA 2.1 only)	Partially Supports	**Features:** The application provides support for people with low vision and cognitive disabilities as it allows users to view the application content in their desired text (Letter, word, line, and paragraph) spacing. However, there are a few exceptions where the content does not adjust after applying the text spacing. **Exceptions:** 1. View a shared design: The "Specific Product Sales and Strategy" content is overlapping after the text spacing is adjusted by the user. 2. View a shared design: The "Salicano Inc. Sales Manager, Ally Iverson at email address" content is lost after the text spacing is adjusted by the user.
1.4.13 Content on Hover or Focus (Level AA 2.1	Supports	**Features:**

Criteria	Conformance Level	Remarks and Explanations
only)		The tooltip is accessible on all the elements in the application which triggers the additional content after receiving tab focus.
[2.4.5 Multiple Ways](#) (Level AA)	**Supports**	**Features:** More than one way of finding a page within a set of web pages is available in the application.
[2.4.6 Headings and Labels](#) (Level AA)	**Partially Supports**	**Features:** All the Headings present in the application are descriptive enough to understand their purpose. Sufficient labels are also provided for the form fields wherever a descriptive label is needed. However, there is an exception where the label is not descriptive. **Exception:** 1. Upload images: The label of button "Insert user image" does not describe the purpose of the button as all images have the same label and cannot be differentiated between them.
[2.4.7 Focus Visible](#) (Level AA)	**Partially Supports**	**Features:** All focusable elements in the application have a visible keyboard focus indicator. However, there is an exception where the focus indicator is not visible. **Exception:** 1. Share modal: Focus is not visible on the "Share" tab while the user is navigating with the keyboard.
[3.1.2 Language of Parts](#) (Level AA)	**Not Applicable**	**Features:** The Application's content is available in English language only. There is no change in language throughout the application.
[3.2.3 Consistent Navigation](#) (Level AA)	**Supports**	**Features:** Repeated components are occurring in the same order on every page of the application, which helps screen reader and cognitive user to predict the location of different web elements on each

Criteria	Conformance Level	Remarks and Explanations
		page.
3.2.4 Consistent Identification (Level AA)	**Supports**	**Features:** Elements, which have the same functionality across multiple pages in the application, have same labels or same name.
3.3.3 Error Suggestion (Level AA)	**Supports**	**Features:** Error suggestion messages are descriptive enough for users to understand and resolve the problem.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	**Not Applicable**	**Features:** This success criterion is related to legal commitment, financial data, etc., which involves serious risk, if no option, is provided for the user to review or revert the data before submission. However, application does not have such forms, where such risk is associated.
4.1.3 Status Messages (Level AA 2.1 only)	**Partially Supports**	**Features:** Dynamic changes and notifications are automatically announced, and screen reader users can identify the updated status / progress of all tasks programmatically in the application. However, there are a few exceptions where the status message is either not implemented or not announced by the screen reader. **Exceptions:** 1. Left Navigation: For Icons: The screen reader does not announce the number of search results when user enters any search term in the search edit field. 2. Left Navigation: For Icons: The status message "We didn't find any icons for aaaaa" is not announced by the screen reader. 3. Alt Text modal: The status message "Alt-text added successfully" is not implemented. 4. Object – Text: The status message for delete event is not

Criteria	Conformance Level	Remarks and Explanations
		implemented.
		5. Object – Text: No mechanism is provided for the rotate and resize event.
		6. Upload images: The status message for uploading an image is not implemented.
		7. Edit chart – setup: The screen reader does not announce the typeahead suggestion counts.
		8. Managing multiple pages in a design: The status message for duplicating a page is not implemented.
		9. Share modal: The status message "Link copied!" is not identified by the screen reader on selecting the button "Copy link".
		10. App Navigation Bar: The screen reader does not announce downloading progress while activating the button "Download".

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