WCAG 2.1

VOLUNTARY PRODUCT ACCESSIBILITY TEMPLATE

PebbleGoNext

Disclaimer:

EPAM Education and Learning conducted the accessibility audit of Capstone-owned product PebbleGoNext in June 2020. Afterwards Capstone implemented several changes to fix the outstanding accessibility issues and EPAM Education and Learning verified the applied changes.

EPAM Education and Learning completed the VPAT® for Capstone based on the initial audit and the fixes verification in July 2020.

EPAM Education and Learning does not warrant that this document is error free and makes no warranties, expressed or implied. The information contained in this document represents the current view of the PebbleGoNext product (published at https://staging.pebblego.com/) on the date of July, 6th 2020. EPAM Education and Learning does not guarantee the accuracy of any information presented herein after this date.

Capstone Accessibility Conformance Report

WCAG Edition

(Based on VPAT® Version 2.4)

Name of Product/Version: PebbleGoNext

Product Description: Web application

Report Date: July 2020

Contact Information:

Notes:

Evaluation Methods Used: Testing involved extensive use of assistive technologies as well as exclusive use of the keyboard. The following operating systems, browsers, and screen readers were used for evaluation: Windows10, Chrome, JAWS, 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)

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 2.1 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	The web application provides text alternatives for the non-text content, with a minor exception: • Some text alternatives might not be sufficiently descriptive. However, most of the description of the graphics can be found in the text of the articles.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Supports	The web application does not have the video-only content. The audio-only content is a media alternative for the text.
1.2.2 Captions (Prerecorded) (Level A)	Does Not Support	There are no captions for the video in the web application.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Partially Supports	The video from the section "Video experiments" contains the transcript. The video from other sections is not provided with an alternative.
1.3.1 Info and Relationships (Level A)	Partially Supports	The web application exposes most semantics, with some exceptions: • Some lists are not structured according to the list semantics. • The "Question of the Day" section is not structured according to its purpose.
1.3.2 Meaningful Sequence (Level A)	Supports	The correct reading sequence is meaningful throughout the web application.
1.3.3 Sensory Characteristics (Level A)	Supports	The instructions within the web application do not rely on sensory characteristics.
1.4.1 Use of Color (Level A)	Partially Supports	The web application does not rely on color alone to convey information, with some exceptions: • Some pie charts and maps within the articles are identified with color only. • Unless moused over or focused on, the links in the footer are visually evident by color alone.

Criteria	Conformance Level	Remarks and Explanations
1.4.2 Audio Control (Level A)	Supports	The web application provides a mechanism for pausing the audio.
2.1.1 Keyboard (Level A)	Partially Supports	All functionality is operable using the keyboard in the web application, with some exceptions: • The keyboard navigation for the tabpanel widget is not predictable and does not correspond to the visual design. • The video in the "Video" section can be launched by pressing the "SPACE" key even when the other element is on focus.
2.1.2 No Keyboard Trap (Level A)	Supports	The web application does not cause a keyboard trap.
2.1.4 Character Key Shortcuts (Level A 2.1 only)	Not Applicable	The web application does not have the key shortcuts.
2.2.1 Timing Adjustable (Level A)	Partially Supports	The web application does not include content with a time limit, with a minor exception: • After a certain period of inactivity that is less than 20 hours, the user is logged out.
2.2.2 Pause, Stop, Hide (Level A)	Supports	The web application does have any moving, blinking, scrolling, or auto-updating information that starts automatically, lasts more than five seconds, and is presented in parallel with other content.
2.3.1 Three Flashes or Below Threshold (Level A)	Supports	The web application does not have flashing content.
2.4.1 Bypass Blocks (Level A)	Supports	The web application provides the skip links, the landmarks, and the logical heading structure that allow users to skip to different locations within the web page.
2.4.2 Page Titled (Level A)	Supports	The web application uses descriptive titles for every web page.
2.4.3 Focus Order (Level A)	Supports	The web application has a logical focus order.
2.4.4 Link Purpose (In Context) (Level A)	Supports	The web application provides meaningful texts for the links.
2.5.1 Pointer Gestures (Level A 2.1 only)	Not Applicable	The web application does not have functionality that uses multipoint or path-based gestures.
2.5.2 Pointer Cancellation (Level A 2.1 only)	Supports	The down-event of the pointer is not used to execute any part of the function.

Criteria	Conformance Level	Remarks and Explanations
2.5.3 Label in Name (Level A 2.1 only)	Partially Supports	The accessible names within the web application include the visible text, with a minor exception: • The accessible name for "Vote" button within the section "Question of the Day" does not correspond to its visual name.
2.5.4 Motion Actuation (Level A 2.1 only)	Not Applicable	The web application does not have a functionality that can be operated by the device motion or the user motion.
3.1.1 Language of Page (Level A)	Supports	The default human language of the web page is identified with the HTML5 lang attribute.
3.2.1 On Focus (Level A)	Supports	The web application does not cause a change of context on focus.
3.2.2 On Input (Level A)	Supports	The web application does not cause an unexpected change of context.
3.3.1 Error Identification (Level A)	Supports	If an input error is detected in the web application, the error is described to the user in the text.
3.3.2 Labels or Instructions (Level A)	Supports	The web application provides descriptive labels using aria-labels or text labels.
4.1.1 Parsing (Level A)	Partially Supports	The web application has some parsing errors, but none of them severely affect accessibility.
4.1.2 Name, Role, Value (Level A)	Partially Supports	The web application provides the correct name, role, and state for most form controls, with some exceptions: • The "Random article" button does not have an accessible name except the title. • The "Click to expand" button does not have an aria-haspopup attribute.

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Not Applicable	The web application does not have live audio content.
1.2.5 Audio Description (Prerecorded) (Level AA)	Does Not Support	The web application does not have the audio descriptions for the video.
1.3.4 Orientation (Level AA 2.1 only)	Supports	The web application does not restrict its view and operation to a single display orientation.
1.3.5 Identify Input Purpose (Level AA 2.1 only)	Supports	The web application has each input field collecting information about the user programmatically determined.
1.4.3 Contrast (Minimum) (Level AA)	Supports	The web application has sufficient contrast between the foreground and background colors.
1.4.4 Resize text (Level AA)	Partially Supports	The web application content can be resized to 200% without a loss of content or functionality, with some exceptions: • Some text elements of the tabpanel widget are truncated. • Some text elements naming the articles do not fit in the borders.
1.4.5 Images of Text (Level AA)	Supports	The web application does not contain images of text.
1.4.10 Reflow (Level AA 2.1 only)	Supports	The web application content can be presented without loss of information or functionality, and without requiring scrolling in two dimensions for: • Vertical scrolling content at a width equivalent to 320 CSS pixels; • Horizontal scrolling content at a height equivalent to 256 CSS pixels.
1.4.11 Non-text Contrast (Level AA 2.1 only)	Supports	The web application has a contrast ratio of at least 3:1 against adjacent color(s) for user interface components and graphical objects.
1.4.12 Text Spacing (Level AA 2.1 only)	Partially Supports	No loss of content or functionality of the web application occurs by changing the text style property, with some exceptions:

Criteria	Conformance Level	Remarks and Explanations
		• Some pieces of text within the tabpanel widget do not fit in the borders.
1.4.13 Content on Hover or Focus (Level AA 2.1 only)	Supports	The web application does not have additional content to become visible and then hidden by removing pointer hover or keyboard focus.
2.4.5 Multiple Ways (Level AA)	Supports	The web application has multiple ways of locating the content.
2.4.6 Headings and Labels (Level AA)	Supports	Headings and labels are descriptive throughout the web application.
2.4.7 Focus Visible (Level AA)	Partially Supports	The web application has a visible indication of focus throughout, with some exceptions: • Some elements have a partially visible focus outline while using the macOS with Safari combination.
3.1.2 Language of Parts (Level AA)	Not Applicable	The web application does not contain text with a change in language.
3.2.3 Consistent Navigation (Level AA)	Supports	The web application has a consistent navigation mechanism.
3.2.4 Consistent Identification (Level AA)	Supports	The components that have the same functionality within the web application are identified consistently.
3.3.3 Error Suggestion (Level AA)	Supports	The web application indicates the required fields.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Not Applicable	Using the web application does not cause any legal commitments or financial transactions to occur.
4.1.3 Status Messages (Level AA 2.1 only)	Partially Supports	The status messages within the web application are programmatically determined to make users aware of significant changes of content, with some exceptions: • Some part of the feedback is not announced for the iOS, Safari and VoiceOver combination. • The feedback is not always accurate, as it does not change along with the content.

Table 3: Success Criteria, Level AAA

Notes: the section of the standard does not apply and has been removed.

Legal Disclaimer (Capstone)

Capstone is strongly committed to ensure accessibility of PebbleGo Next and all future products. It has already adopted WCAG 2.1 compliance level AA as stated above, in line with the recommendations of the W3C. This guarantees that not only visually impaired people can use PebbleGo, but anybody with any kind of disability. Capstone also continues investing in improving its products for both usability and accessibility.

However, there are still some elements that are only partially supported and may become unsupported. Capstone is committed to continuously improving PebbleGo Next to fully support WCAG 2.1 AA and future guidelines. The process is managed and monitored by our internal accessibility experts with support from external auditors and consultants.