Agilix - Buzz Accessibility Statement (08-30-2016)

Voluntary Product Accessibility Template (VPAT)

This section outlines how Agilix Buzz complies with pertinent Section 508 of the Rehabilitation Act accessibility standards.

Software Applications and Operating Systems (Section 1194.21)

Criteria	Level of Support & Supporting Features	Remarks and explanations
(a) When software is designed to run on a system that has a keyboard, product functions shall be executable from a keyboard where the function itself or the result of performing a function can be discerned textually.	Supports	Features of Buzz are designed to be fully keyboard enabled
(b) Applications shall not disrupt or disable activated features of other products that are identified as accessibility features, where those features are developed and documented according to industry standards. Applications also shall not disrupt or disable activated features of any operating system that are identified as accessibility features where the application programming interface for those accessibility features has been documented by the manufacturer of the operating system and is available to the product developer.	Supports	Buzz is run inside of a browser. Therefore, it does not have access to disable accessibility features in other programs or the operating system.

(c) A well-defined on-screen indication of the current focus shall be provided that moves among interactive interface elements as the input focus changes. The focus shall be programmatically exposed so that Assistive Technology can track focus and focus changes.	Supports	Buzz is designed to show either the default browser focus indication or a custom focus indication that matches the application style.
(d) Sufficient information about a user interface element including the identity, operation and state of the element shall be available to Assistive Technology. When an image represents a program element, the information conveyed by the image must also be available in text.	Supports	Buzz is designed to supply labels for interactive elements. Image representations of information are either labelled or have alternative text.
(e) When bitmap images are used to identify controls, status indicators, or other programmatic elements, the meaning assigned to those images shall be consistent throughout an application's performance.	Supports	Icons and images have consistent meaning throughout Buzz.
(f) Textual information shall be provided through operating system functions for displaying text. The minimum information that shall be made available is text content, text input caret location, and text attributes.	Supports	Buzz is run inside of a browser. The browser supplies textual information to the operating system.
(g) Applications shall not override user selected contrast and color selections	Supports	Buzz is run inside of a browser. Therefore, it does

and other individual display attributes.		not have access to disable or change user settings.
(h) When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user.	Supports	Buzz displays an animated loading image and some minor animations for transitions on showing and hiding user interface elements. Users have an option to turn off all application animations.
(i) Color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	Supports	Buzz does use color coding, but also displays information in alternate formats. A user option also exists to show textual indicators for failing scores or past due activities.
(j) When a product permits a user to adjust color and contrast settings, a variety of color selections capable of producing a range of contrast levels shall be provided.	Supports	Buzz supplies multiple user-selected themes, including a high contrast theme.
(k) Software shall not use flashing or blinking text, objects, or other elements having a flash or blink frequency greater than 2 Hz and lower than 55 Hz.	Supports	Buzz does not use flashing or blinking elements.
(l) When electronic forms are used, the form shall allow people using Assistive Technology to access the information,	Supports when combined with Compatible AT	Buzz implements standard keyboard support and labeling in forms. Screen

field elements, and functionality required for completion and submission of the form, including all directions and cues.		reading is supported on Firefox with the NVDA screen reader.

Web-based intranet and Internet information and applications (Section 1194.22)

Criteria	Level of Support & Supporting Features	Remarks and explanations
(a) A text equivalent for every non-text element shall be provided (e.g., via "alt", "longdesc", or in element content).	Supports	Buzz provides alternative text for all non-text elements that are not purely decorative. Buzz supplies options for providing alternative text when users supply non-text elements in content.
(b) Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.	Supports	Buzz does not provide multimedia. Buzz allows for user-provided multimedia to contain alternatives.
(c) Web pages shall be designed so that all information conveyed with color is also available without color, for example from context or markup.	Supports	Buzz does use color coding, but also displays information in alternate formats. A user option also exists to show textual indicators for failing scores or past due activities.

(d) Documents shall be organized so they are readable without requiring an associated style sheet.	Supports	Buzz HTML markup is organized in a logical format such that it is readable without requiring a style sheet.
(e) Redundant text links shall be provided for each active region of a server-side image map.	Not Applicable	Buzz does not make use of server-side image maps.
(f) Client-side image maps shall be provided instead of server-side image maps except where the regions cannot be defined with an available geometric shape.	Not Applicable	Buzz does not make use of client-side image maps.
(g) Row and column headers shall be identified for data tables.	Supports	Data tables have identified column headers and row headers where applicable.
(h) Markup shall be used to associate data cells and header cells for data tables that have two or more logical levels of row or column headers.	Supports	Data tables with multiple levels of column headers have the appropriate markup.
(i) Frames shall be titled with text that facilitates frame identification and navigation	Supports	Buzz supplies titles on all frames.
(j) Pages shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.	Supports	Buzz is designed to not cause any flickering.

(k) A text-only page, with equivalent information or functionality, shall be provided to make a web site comply with the provisions of this part, when compliance cannot be accomplished in any other way. The content of the text-only page shall be updated whenever the primary page changes.	Not Applicable	Buzz does not provide any text only alternative pages.
(l) When pages utilize scripting languages to display content, or to create interface elements, the information provided by the script shall be identified with functional text that can be read by Assistive Technology.	Supports when combined with Compatible AT	Buzz makes extensive use of scripting to display content and to create interface elements. This scripting is compatible with Firefox and the NVDA screen reader.
(m) When a web page requires that an applet, plug-in or other application be present on the client system to interpret page content, the page must provide a link to a plug-in or applet that complies with 1194.21(a) through (l).	Supports	Buzz does not require third-party applets or plug-ins. If user-supplied content requires a plug-in, they may also supply the link to the plug-in.
(n) When electronic forms are designed to be completed on-line, the form shall allow people using Assistive Technology to access the information, field elements, and functionality required for completion and submission of the form, including all directions and cues.	Supports	Buzz implements standard keyboard support and labeling in forms. Screen reading is supported on Firefox with the NVDA screen reader.

(o) A method shall be provided that permits users to skip repetitive navigation links.	Supports	Buzz supplies advanced keyboarding that allows users to navigate between navigation lists and content with minimal keystrokes.
(p) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Supports	Timed assessments are the only timed interactions in Buzz. A mechanism is supplied to the teacher or author to allow overrides on the time limits for individual users.

Functional Performance Criteria (Section 1194.31)

Criteria	Level of Support & Supporting Features	Remarks and explanations
(a) At least one mode of operation and information retrieval that does not require user vision shall be provided, or support for Assistive Technology used by people who are blind or visually impaired shall be provided.	Supports	Buzz is fully supported when using Firefox with the NVDA screen reader.
(b) At least one mode of operation and information retrieval that does not require visual acuity greater than 20/70 shall be provided in audio and enlarged print	Supports	Buzz works with standard browser zoom features.

output working together or independently, or support for Assistive Technology used by people who are visually impaired shall be provided.		
(c) At least one mode of operation and information retrieval that does not require user hearing shall be provided, or support for Assistive Technology used by people who are deaf or hard of hearing shall be provided	Not Applicable	Buzz does not require hearing for operation.
(d) Where audio information is important for the use of a product, at least one mode of operation and information retrieval shall be provided in an enhanced auditory fashion, or support for assistive hearing devices shall be provided.	Not Applicable	Buzz does not require hearing for operation.
(e) At least one mode of operation and information retrieval that does not require user speech shall be provided, or support for Assistive Technology used by people with disabilities shall be provided.	Not Applicable	Buzz does not require speech for operation.
(f) At least one mode of operation and information retrieval that does not require fine motor control or simultaneous actions and that is operable with limited reach and strength shall be provided.	Supports	Buzz does not require fine motor control. The user can use a keyboard and/or mouse of their choosing.

Information, Documentation and Support (Section 1194.41)

Criteria	Level of Support & Supporting Features	Remarks and explanations
(a) Product support documentation provided to end-users shall be made available in alternate formats upon request, at no additional charge	Supports with Exceptions	Buzz help documentation is available in text form online. PDF and Word Doc versions available on request. Other formats may be subject to additional cost.
(b) End-users shall have access to a description of the accessibility and compatibility features of products in alternate formats or alternate methods upon request, at no additional charge.	Supports	
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	Supports	Buzz uses Zendesk as our support system: https://www.zendesk.com/company/section-508-accessibility/

Guidelines (WCAG 2.0) Checklist

Principle 1: Perceivable

Information and user interface components must be presentable to users in ways they can perceive.

GUIDELINE 1.1 TEXT ALTERNATIVES

PROVIDE TEXT ALTERNATIVES FOR ANY NON-TEXT CONTENT SO THAT IT CAN BE CHANGED INTO OTHER FORMS PEOPLE NEED, SUCH AS LARGE PRINT, BRAILLE, SPEECH, SYMBOLS OR SIMPLER LANGUAGE.

CRITERIA	SUPPORTING FEATURES	REMARKS AND EXPLANATIONS
1.1.1 Non-text Content: All non-text content that is presented to the user has a text alternative that serves the equivalent purpose, except for the situations listed below. (Level A)	Supports	Buzz provides text descriptions or labels for images and elements. Options are also supplied for users to supply alternative text to images and captions to tables.

GUIDELINE 1.2 TIME-BASED MEDIA

PROVIDE ALTERNATIVES FOR TIME-BASED MEDIA.

CRITERIA	SUPPORTING FEATURES	REMARKS AND EXPLANATIONS
1.2.1 Audio-only and Video-only (Prerecorded): For prerecorded audio-only and prerecorded video-only media, the following are true, except when the audio or video is a media alternative for text and is clearly labeled as such: (Level A)	Supports	Buzz does not directly provide any prerecorded media. Buzz allows users to create captions, descriptions, and/or transcriptions for their own media.
1.2.2 Captions (Prerecorded): Captions are provided for all prerecorded audio content in synchronized media, except when the media is a media alternative for text and is clearly labeled as such. (Level A)	Supports	Buzz does not directly provide any prerecorded media. Buzz allows users to create captions, descriptions, and/or transcriptions for their own media.

1.2.3 Audio Description or Media Alternative (Prerecorded): An alternative for time-based media or audio description of the prerecorded video content is provided for synchronized media, except when the media is a media alternative for text and is clearly labeled as such. (Level A)	Supports	Buzz does not directly provide any prerecorded media. Buzz allows users to create captions, descriptions, and/or transcriptions for their own media.
1.2.4 Captions (Live): Captions are provided for all live audio content in synchronized media. (Level AA)	Supports	Buzz does not directly provide any live media. Buzz allows users to create captions, descriptions, and/or transcriptions for their own media.
1.2.5 Audio Description (Prerecorded): Audio description is provided for all prerecorded video content in synchronized media. (Level AA)	Supports	Buzz does not directly provide any prerecorded media. Buzz allows users to create captions, descriptions, and/or transcriptions for their own media.

GUIDELINE 1.3 ADAPTABLE

CREATE CONTENT THAT CAN BE PRESENTED IN DIFFERENT WAYS (FOR EXAMPLE SIMPLER LAYOUT) WITHOUT LOSING INFORMATION OR STRUCTURE.

CRITERIA	SUPPORTING FEATURES	REMARKS AND EXPLANATIONS
1.3.1 Info and Relationships: Information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text. (Level A)	Supports	Buzz uses standard HTML markup for interface elements when possible. When not possible, ARIA and/or descriptive text is used to indicate the various types of content and controls, and the relationships between them.
1.3.2 Meaningful Sequence: When the sequence in which content is presented affects its meaning, a correct reading sequence can be programmatically determined. (Level A)	Supports	Buzz HTML markup is organized in a meaningful order. Buzz also uses standard labels and attributes to be compatible assistive technologies.

CRITERIA	SUPPORTING FEATURES	REMARKS AND EXPLANATIONS
1.3.3 Sensory Characteristics: Instructions provided for understanding and operating content do not rely solely on sensory characteristics of components such as shape, size, visual location, orientation, or sound. (Level A)	Supports	When sensory characteristics are used to convey meaning, Buzz also provides the information in an alternative form. Buzz supplies options for providing alternative text when users supply non-text elements in content.

GUIDELINE 1.4 DISTINGUISHABLE

MAKE IT EASIER FOR USERS TO SEE AND HEAR CONTENT INCLUDING SEPARATING FOREGROUND FROM BACKGROUND.

CRITERIA	SUPPORTING FEATURES	REMARKS AND EXPLANATIONS
1.4.1 Use of Color: Color is not used as the only visual means of conveying information, indicating an action, prompting a response,	Supports	When color is used to convey meaning, Buzz also provides the information in an alternative form. A user option exists to show

or distinguishing a visual element. (Level A)		textual indicators for failing scores or past due activities.
1.4.2 Audio Control: If any audio on a Web page plays automatically for more than 3 seconds, either a mechanism is available to pause or stop the audio, or a mechanism is available to control audio volume independently from the overall system volume level. (Level A)	Supports	Buzz does not autoplay audio by default. Simple audio content uploads show full controls. Users have options to show full control for advanced audio.
1.4.3 Contrast (Minimum): The visual presentation of text and images of text has a contrast ratio of at least 4.5:1, except for the following: (Level AA)	Supports	Buzz maintains reasonable contrast ratios across the product and also offers a High Contrast theme for users who require it.
1.4.4 Resize text: Except for captions and images of text, text can be resized without assistive	Supports	All content in Buzz can be zoomed by the browser up to any size the browser supports. Scrolling may

technology up to 200 percent without loss of content or functionality. (Level AA)		be required if the screen size does not fit the minimum size of the content.
1.4.5 Images of Text: If the technologies being used can achieve the visual presentation, text is used to convey information rather than images of text except for the following: (Level AA)	Supports	Buzz does not use images of text. Users have options to supply alternative text for uploaded content.

Principle 2: Operable

User interface components and navigation must be operable.

GUIDELINE 2.1 KEYBOARD ACCESSIBLE MAKE ALL FUNCTIONALITY AVAILABLE FROM A KEYBOARD.		
CRITERIA	**SUPPORTING FEATURES**	**REMARKS AND EXPLANATIONS**

2.1.1 Keyboard: All functionality of the content is operable through a keyboard interface without requiring specific timings for individual keystrokes, except where the underlying function requires input that depends on the path of the user's movement and not just the endpoints. (Level A)	Supports	Buzz is accessible without the use of a mouse.
2.1.2 No Keyboard Trap: If keyboard focus can be moved to a component of the page using a keyboard interface, then focus can be moved away from that component using only a keyboard interface, and, if it requires more than unmodified arrow or tab keys or other standard exit methods, the user is advised of the method for moving focus away. (Level A)	Supports	All elements in Buzz can be entered and left via the use of a keyboard.

GUIDELINE 2.2 ENOUGH TIME

PROVIDE USERS ENOUGH TIME TO READ AND USE CONTENT.

CRITERIA	SUPPORTING FEATURES	REMARKS AND EXPLANATIONS
2.2.1 Timing Adjustable: For each time limit that is set by the content, at least one of the following is true: (Level A)	Supports	All timed activities, such as assessments, can have their deadlines adjusted by teachers, including different values for individual students.
2.2.2 Pause, Stop, Hide: For moving, blinking, scrolling, or auto-updating information, all of the following are true: (Level A)	Supports	Buzz has no areas utilizing blinking or scrolling information. Areas that auto-update, such as error messages, provide aria-live alerts.

GUIDELINE 2.3 SEIZURES

DO NOT DESIGN CONTENT IN A WAY THAT IS KNOWN TO CAUSE SEIZURES.

CRITERIA	SUPPORTING FEATURES	REMARKS AND EXPLANATIONS
2.3.1 Three Flashes or Below Threshold: Web pages do not contain anything that flashes more than three times in any one second period, or the flash is below the general flash and red flash thresholds. (Level A)	Supports	Buzz does not use flashing or blinking content.

GUIDELINE 2.4 NAVIGABLE

PROVIDE WAYS TO HELP USERS NAVIGATE, FIND CONTENT, AND DETERMINE WHERE THEY ARE.

CRITERIA	SUPPORTING FEATURES	REMARKS AND EXPLANATIONS
2.4.1 Bypass Blocks: A mechanism is available to bypass blocks of content that are repeated on multiple Web pages. (Level A)	Supports	Buzz supplies headings, streamlined keyboarding and ARIA landmarks to aid with rapid navigation to desired content.

2.4.2 Page Titled: Web pages have titles that describe topic or purpose. (Level A)	Supports	The titles of web pages in Buzz are meaningful and relevant to a user's current location within the application.
2.4.3 Focus Order: If a Web page can be navigated sequentially and the navigation sequences affect meaning or operation, focusable components receive focus in an order that preserves meaning and operability. (Level A)	Supports	Buzz tab order of all screens is intuitive and logical.
2.4.4 Link Purpose (In Context): The purpose of each link can be determined from the link text alone or from the link text together with its programmatically determined link context, except where the purpose of the link would be ambiguous to users in general. (Level A)	Supports	Buzz either gives links labels, or standard HTML or ARIA attributes that give programmatic context.

2.4.5 Multiple Ways: More than one way is available to locate a Web page within a set of Web pages except where the Web Page is the result of, or a step in, a process. (Level AA)	Supports	Buzz provides a left navigation bar to navigate between sections, or workflows of the application and a course or domain chooser to switch the context of those workflows. Buzz supplies search and filter functionality in many locations. Table of contents and other listings are used extensively.
2.4.6 Headings and Labels: Headings and labels describe topic or purpose. (Level AA)	Supports	Buzz headings and labels are meaningful.
2.4.7 Focus Visible: Any keyboard operable user interface has a mode of operation where the keyboard focus indicator is visible. (Level AA)	Supports	Buzz is designed to show either the default browser focus indication or a custom focus indication that matches the application style.

Principle 3: Understandable

Information and the operation of user interface must be understandable.

GUIDELINE 3.1 READABLE

MAKE TEXT CONTENT READABLE AND UNDERSTANDABLE.

CRITERIA	SUPPORTING FEATURES	REMARKS AND EXPLANATIONS
3.1.1 Language of Page: The default human language of each Web page can be programmatically determined. (Level A)	Supports	The default language is set on the html tag of all pages in Buzz.
3.1.2 Language of Parts: The human language of each passage or phrase in the content can be programmatically determined except for proper names, technical terms, words of indeterminate language, and words or phrases that have become part of the	Supports	All text in Buzz is displayed in the default language. User-supplied content can programmatically specify a different language.

vernacular of the immediately surrounding text. (Level AA)		

GUIDELINE 3.2 PREDICTABLE

MAKE WEB PAGES APPEAR AND OPERATE IN PREDICTABLE WAYS.

CRITERIA	SUPPORTING FEATURES	REMARKS AND EXPLANATIONS
3.2.1 On Focus: When any component receives focus, it does not initiate a change of context. (Level A)	Supports	Buzz does not trigger context changes when items are focused.
3.2.2 On Input: Changing the setting of any user interface component does not automatically cause a change of context unless the user has been advised of the	Supports	Buzz does not use the changing of input fields for initiating context changes.

behavior before using the component. (Level A)		
3.2.3 Consistent Navigation: Navigational mechanisms that are repeated on multiple Web pages within a set of Web pages occur in the same relative order each time they are repeated, unless a change is initiated by the user. (Level AA)	Supports	Buzz offers a consistent navigation order across the site.
3.2.4 Consistent Identification: Components that have the same functionality within a set of Web pages are identified consistently. (Level AA)	Supports	Buzz strives to ensure that controls with similar functions work consistently across the site.

GUIDELINE 3.3 INPUT ASSISTANCE

HELP USERS AVOID AND CORRECT MISTAKES.

CRITERIA	SUPPORTING FEATURES	REMARKS AND EXPLANATIONS
3.3.1 Error Identification: If an input error is automatically detected, the item that is in error is identified and the error is described to the user in text. (Level A)	Supports	Buzz uses automatic error highlighting and/or ARIA compatible error dialogs and/or messages to inform users about detected input errors.
3.3.2 Labels or Instructions: Labels or instructions are provided when content requires user input. (Level A)	Supports	Buzz uses standard HTML or ARIA markup to associate a text label with all input fields, buttons, and links.
3.3.3 Error Suggestion: If an input error is automatically detected and suggestions for correction are known, then the suggestions are provided to the user, unless it would jeopardize the security or purpose of the content. (Level AA)	Supports	When possible, Buzz automatically detects errors and informs users of these errors in an accessible manner.

3.3.4 Error Prevention (Legal, Financial, Data): For Web pages that cause legal commitments or financial transactions for the user to occur, that modify or delete user-controllable data in data storage systems, or that submit user test responses, at least one of the following is true: (Level AA) 1. Reversible: Submissions are reversible. 2. Checked: Data entered by the user is checked for input errors and the user is provided an opportunity to correct them. 3. Confirmed: A mechanism is available for reviewing, confirming, and correcting information before finalizing the submission.	Supports	Most actions in Buzz are reversible either in the user interface or through support. Before performing irreversible or potentially serious actions, Buzz presents users with a confirmation dialog, to ensure that they truly wish to perform the requested action. Before performing irreversible or potentially serious actions, Buzz presents users with a confirmation dialog.

Principle 4: Robust

Content must be robust enough that it can be interpreted reliably by a wide variety of user agents, including assistive technologies.

GUIDELINE 4.1 COMPATIBLE		
MAXIMIZE COMPATIBILITY WITH CURRENT AND FUTURE USER AGENTS, INCLUDING ASSISTIVE TECHNOLOGIES.		
CRITERIA	**SUPPORTING FEATURES**	**REMARKS AND EXPLANATIONS**
4.1.1 Parsing: In content implemented using markup languages, elements have complete start and end tags, elements are nested according to their specifications, elements do not contain duplicate attributes, and any IDs are unique, except where the specifications allow these features. (Level A)	Supports	Buzz uses valid markup and follows best practices whenever possible.
4.1.2 Name, Role, Value: For all user interface components	Supports	Buzz supplies the name, role and value of all user interface

(including but not limited to: form elements, links and components generated by scripts), the name and role can be programmatically determined; states, properties, and values that can be set by the user can be programmatically set; and notification of changes to these items is available to user agents, including assistive technologies. (Level A)		elements to assistive technologies via HTML or ARIA.