Accessibility Conformance Report

VPAT® Version 2.5 Rev – January 2025

Product Information

Name of Product/Version: FrameZ Console LTI Integration v1.0

Product Description: FrameZ Console LTI Integration is a Learning Tools Interoperability (LTI) 1.3 compliant application that integrates with Learning Management Systems (Canvas, Moodle, D2L) to provide AI-powered educational tools including video analysis, content summarization, flashcard generation, self-assessments, and interactive chat interfaces for both students and teachers.

Report Date: January 12, 2026

Contact Information:

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Notes: This Accessibility Conformance Report is based on the VPAT® Version 2.5 Rev template. The evaluation was conducted internally using a combination of automated testing tools (Chrome Lighthouse, ESLint jsx-a11y), manual keyboard navigation testing, and screen reader testing (NVDA on Windows).

Evaluation Methods Used:

- Automated accessibility testing using axe DevTools browser extension
- ESLint with jsx-a11y plugin for code-level checks
- Manual keyboard navigation testing
- Screen reader testing with NVDA (Windows)
- Color contrast analysis using Chrome DevTools
- Review against WCAG 2.1 Level A and AA success criteria

Applicable Standards/Guidelines

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

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.1	Level A: YesLevel AA: YesLevel AAA: No
Revised Section 508 standards	Not included

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.x Level AAA.

WCAG 2.1 Report

Table 1: Success Criteria, Level A

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)	**Supports**	Form inputs, buttons, and images include text alternatives via visible labels, aria-label, or accessible text. Decorative icons in core agent, student, and setup workflows are marked aria-hidden to reduce screen reader verbosity.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	**Not Applicable**	The application does not contain prerecorded audio-only or video-only content. Video content in the application includes both audio and video tracks.
1.2.2 Captions (Prerecorded) (Level A)	**Not Applicable**	Video playback functionality in Framez LTI is not enabled for Higher Education sector..
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	**Not Applicable**	Video playback functionality in Framez LTI is not enabled for Higher Education sector.
1.3.1 Info and Relationships (Level A)	**Supports**	Form labels are properly associated via htmlFor or aria-label. Heading hierarchy is logical (h1, h2, h3). Tables use proper table markup. Lists use and tags. Several settings and workflow tabs now follow the ARIA tab pattern
1.3.2 Meaningful Sequence (Level A)	**Supports**	DOM order matches visual presentation order. Content flows logically from top to bottom, left to right. CSS positioning does not disrupt reading order.
1.3.3 Sensory Characteristics (Level A)	**Supports**	Instructions do not rely solely on sensory characteristics (shape, color, size, visual location, orientation, or sound). Text labels and semantic HTML provide equivalent information.

Criteria	Conformance Level	Remarks and Explanations
1.3.4 Orientation (Level AA 2.1)	**Supports**	Application functions in both portrait and landscape orientations. No orientation lock imposed.
1.3.5 Identify Input Purpose (Level AA 2.1)	**Supports**	Form inputs use semantic types (text, email, search) and appropriate autocomplete attributes where applicable.
1.4.1 Use of Color (Level A)	**Supports**	Color is not used as the only visual means of conveying information. Error states include both red color and error icons plus text messages. Active navigation items use both color and visual indicators (border, background change).
1.4.2 Audio Control (Level A)	**Not Applicable**	No audio plays automatically on page load.
1.4.3 Contrast (Minimum) (Level AA)	**Supports**	The core UI text meets minimum contrast requirements of 4.5:1 for normal text and 3:1 for large text, including primary navigation, chat, assessments, and upload flows.
1.4.4 Resize Text (Level AA)	**Supports**	Text can be resized up to 200% without loss of content or functionality. Responsive design adapts to text scaling.
1.4.5 Images of Text (Level AA)	**Supports**	Text is used instead of images of text, except for logos. All UI text is rendered as actual text using system fonts.
1.4.10 Reflow (Level AA 2.1)	**Supports**	Content reflows for responsive layouts at 320px width (equivalent to 400% zoom). No horizontal scrolling required except for data tables.
1.4.11 Non-text Contrast (Level AA 2.1)	**Supports**	UI components and graphical objects have sufficient contrast (3:1 minimum). Buttons, form borders, and focus indicators meet contrast requirements.
1.4.12 Text Spacing (Level AA 2.1)	**Supports**	Content adapts to increased text spacing without loss of content or functionality. Line height, paragraph spacing, letter spacing, and word spacing can be adjusted.
1.4.13 Content on Hover or Focus (Level AA 2.1)	**Supports**	Tooltips and hover content can be dismissed (Escape key), can be hovered over without disappearing, and remain visible until dismissed or user moves focus.
2.1.1 Keyboard (Level A)	**Supports**	All functionality is accessible via keyboard. Tab/Shift+Tab navigation works throughout. Enter and Space activate buttons. Escape closes modals. Focus indicators are visible. Where ARIA tab patterns are used, arrow key navigation is supported; other tab-like controls use standard Tab sequencing.
2.1.2 No Keyboard Trap (Level A)	**Supports**	No keyboard traps detected. Users can navigate to and away from all components using standard keyboard navigation. Modal dialogs implement proper focus trap (Tab cycles within modal, Escape closes and returns focus).

Criteria	Conformance Level	Remarks and Explanations
2.1.4 Character Key Shortcuts (Level A 2.1)	**Supports**	No single-character keyboard shortcuts are implemented. All shortcuts require modifier keys or are in forms where single-key input is expected.
2.2.1 Timing Adjustable (Level A)	**Supports**	No time limits are imposed on user interactions. LTI sessions persist as long as the LMS session is active.
2.2.2 Pause, Stop, Hide (Level A)	**Supports**	No auto-updating, blinking, scrolling, or auto-extending content. AI responses can be stopped by closing the browser tab.
2.3.1 Three Flashes or Below Threshold (Level A)	**Supports**	No content flashes more than three times per second.
2.4.1 Bypass Blocks (Level A)	**Supports**	Skip navigation link is implemented and functional. On page load, pressing Tab reveals “Skip to main content” link that jumps to id="main-content" on the main element, bypassing sidebar navigation.
2.4.2 Page Titled (Level A)	**Supports**	All pages have descriptive titles. Titles clearly describe page purpose (e.g., “FrameZ LTI Agent - Student Interface”, “FrameZ LTI Agent - Teacher Dashboard”).
2.4.3 Focus Order (Level A)	**Supports**	Focus order is logical and follows visual layout. Tab order proceeds from top to bottom, left to right. No confusing focus jumps.
2.4.4 Link Purpose (In Context) (Level A)	**Supports**	Link purposes are clear from link text or surrounding context. Navigation links clearly describe their destination.
2.4.5 Multiple Ways (Level AA)	**Supports**	Multiple ways to access content: sidebar navigation, session selector dropdown, search functionality.
2.4.6 Headings and Labels (Level AA)	**Supports**	Headings and labels are descriptive. Heading hierarchy is logical. Form labels clearly describe purpose.
2.4.7 Focus Visible (Level AA)	**Supports**	Keyboard focus indicator is visible on all focusable elements. Blue ring outline (2px solid) appears around focused elements using Tailwind’s focus:ring-2 focus:ring-blue-500 pattern. Focus-visible polyfill ensures compatibility across browsers.
2.5.1 Pointer Gestures (Level A 2.1)	**Supports**	All functionality that uses multipoint or path-based gestures also has single-pointer alternatives. Click/tap actions work throughout.
2.5.2 Pointer Cancellation (Level A 2.1)	**Supports**	Down-event is not used to execute functions. Click events fire on up-event (mouseup), allowing users to cancel by moving pointer away before releasing.
2.5.3 Label in Name (Level A 2.1)	**Supports**	Accessible names match or include visible text labels. Voice control users can activate components by speaking visible labels.
2.5.4 Motion Actuation (Level A 2.1)	**Supports**	No functionality requires device motion or user motion for operation.

Criteria	Conformance Level	Remarks and Explanations
3.1.1 Language of Page (Level A)	**Supports**	Page language is declared in HTML element: <html lang="en">. Screen readers correctly identify English content.
3.1.2 Language of Parts (Level AA)	**Supports**	All content is in English. No passages in other languages.
3.2.1 On Focus (Level A)	**Supports**	Receiving focus does not initiate unexpected change of context. No automatic form submissions, navigation changes, or modal openings on focus alone.
3.2.2 On Input (Level A)	**Supports**	Changing settings does not automatically cause unexpected change of context unless user is warned. Forms require explicit submission (button click or Enter key).
3.2.3 Consistent Navigation (Level AA)	**Supports**	Sidebar navigation is consistent across all pages. Navigation items appear in same relative order.
3.2.4 Consistent Identification (Level AA)	**Supports**	Components with same functionality are identified consistently. Icons and buttons for same actions use consistent labels and visual appearance.
3.3.1 Error Identification (Level A)	**Supports**	Input errors are automatically detected and described to users in text. Error messages use role="alert" for screen reader announcement. Error icons and red styling supplement text descriptions.
3.3.2 Labels or Instructions (Level A)	**Supports**	All form inputs have labels or instructions. Labels use htmlFor association or aria-label. Required fields marked with asterisk and “required” text. Placeholder text provides additional guidance.
3.3.3 Error Suggestion (Level AA)	**Supports**	Error messages include suggestions for correction where applicable. For example, invalid input formats show example of correct format.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	**Supports**	Destructive actions (delete, deactivate) require confirmation via modal dialog. Users can review and confirm before submission.
4.1.1 Parsing (Level A)	**Supports**	HTML is well-formed with proper element nesting, unique IDs, and valid attributes. React’s JSX compilation ensures proper HTML structure. ESLint validates markup.
4.1.2 Name, Role, Value (Level A)	**Supports**	Form controls, buttons, and links have proper names and roles. Icon-only controls now include explicit aria-labels. State changes (expanded/collapsed, checked/unchecked) are communicated via ARIA attributes. Custom components use semantic HTML or appropriate ARIA roles
4.1.3 Status Messages (Level AA 2.1)	**Supports**	Loading states use role="status" and aria-live="polite". Error messages use role="alert". Live region announcements are implemented for chat updates,

Criteria	Conformance Level	Remarks and Explanations
		upload/progress states, processing status, and self-assessment feedback.

Success Criteria, Level AA

All Level AA criteria are included in Table 1 above alongside Level A criteria for easier reference.

Success Criteria, Level AAA

Level AAA criteria are not evaluated for this report. FrameZ Console LTI Integration targets WCAG 2.1 Level A and AA conformance.

Legal Disclaimer (FrameZ AI)

This Accessibility Conformance Report is provided for informational purposes only and represents FrameZ AI's good faith assessment of the accessibility features present in FrameZ Console LTI Integration as of the report date.

FrameZ AI is committed to providing accessible products and continuously works to improve accessibility. The conformance levels stated in this report are subject to change as the product evolves and as testing methodologies improve.

While we strive for accuracy, this report may not identify all accessibility barriers. Users who encounter accessibility issues are encouraged to contact support@framez.ai so we can address them promptly.

This report should not be construed as a legal opinion or guarantee of compliance with any accessibility laws or regulations. Organizations should conduct their own accessibility evaluations as needed for procurement and compliance purposes.

Appendix: Testing Methodology Details

Automated Testing

- **Tool**: Chrome Lighthouse
- **Coverage**: All major pages tested (student interface, teacher interface, all tabs)
- **Findings**: Critical and serious issues documented in remarks above

Manual Keyboard Testing

- **Scope**: Complete keyboard navigation of all interactive elements
- **Test Cases**:
  - Tab order verification
  - Skip link functionality
  - Modal focus trap testing
  - Form completion without mouse
  - Navigation between all sections
- **Browsers**: Chrome , Edge

Screen Reader Testing

- **Windows**: NVDA with Chrome
- **Test Scenarios**:
  - Navigation reading
  - Form completion
  - Error handling
  - Modal interaction
  - Dynamic content updates

Color Contrast

- **Tool**: Chrome DevTools color picker, WebAIM Contrast Checker
- **Standard**: WCAG 2.1 Level AA (4.5:1 normal text, 3:1 large text)
- **Status**: Spot checks performed; systematic audit in progress

Document Revision History

Version	Date	Author	Changes
1.0	2026-01-12	FrameZ AI Accessibility Team	Initial release for university submissions

Contact for Questions

For questions about this Accessibility Conformance Report or to report accessibility issues:

Email: support@framez.ai **Subject Line**: VPAT ACR Question - FrameZ LTI Integration

We welcome feedback and are committed to addressing accessibility concerns promptly.
