**Voluntary Product Accessibility Template (VPAT) ® 2.2**

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| Project Name: | Blackboard Student Android |
| Last Revision Date: | 7 January 2019 |
| Revision: | 1.0 |

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# Blackboard Student Android Accessibility Conformance Report

**VPAT**® **2.2 Version 1.0**

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| **Name of product/version:** | **Blackboard Student Android** |
| **Product description:** | **Native application** |
| **Date:** | **7 January 2017** |
| **Contact information** | **[for the client to fill in - an email address is sufficient]** |
| **Notes** |  |
| **Evaluation methods used:** | This conformance report is based on the results of an accessibility audit conducted byThe Paciello Group on a representative sample of pages/components, for the purpose of assessing compliance with the Web Content Accessibility Guidelines (WCAG) 2.0.  The following applications were used as part of the audit to identify potential accessibility issues:   * Assistive technologies: TalkBack. * Accessibility testing tools: Android Accessibility Scanner. |
| **Applicable standards/guidelines** | This report covers the degree of conformance for the following accessibility standards/guidelines:   * [Web Content Accessibility Guidelines (WCAG) 2.0](http://www.w3.org/TR/WCAG20) Level A/AA. * [Revised Section 508](https://www.access-board.gov/guidelines-and-standards/communications-and-it/about-the-ict-refresh/final-rule/text-of-the-standards-and-guidelines). |

## Terminology

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 only be used in WCAG 2.0 Level AAA.

## Section 508 Chapter 1: Application and Administration

This accessibility conformance report is based on the [Revised 508 Standards](https://www.access-board.gov/guidelines-and-standards/communications-and-it/about-the-ict-refresh/final-rule/text-of-the-standards-and-guidelines) which incorporates [WCAG 2.0](http://www.w3.org/TR/WCAG20) by reference.

## Section 508 Chapter 2: Scoping Requirements

As Blackboard Student is a native application, the following standards specifically apply:

* All Web Content Accessibility Guidelines (WCAG) 2.0 Level A and Level AA, available at <http://www.w3.org/TR/WCAG20>.
* Section 508 Chapter 3: Functional Performance Criteria (FPC).
* Section 508 Chapter 5: Software.
* Section 508 Chapter 6: Support Documentation and Services.

**Note:** When reporting on conformance with the WCAG 2.0 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](https://www.w3.org/TR/WCAG20/#conformance-reqs).

### WCAG 2.0 Report

#### Web Content Accessibility Guidelines (WCAG) 2.0 Success Criteria, Level A

Notes:

| Criteria | Conformance level | Remarks and explanations |
| --- | --- | --- |
| [1.1.1 Non-text Content](http://www.w3.org/TR/WCAG20/#text-equiv-all) | Supports | The Blackboard Student application provides text alternatives for non-text items. |
| [1.2.1 Audio-only and Video-only (Prerecorded)](http://www.w3.org/TR/WCAG20/#media-equiv-av-only-alt) | Supports | The Blackboard Student application does not natively contain audio and video content, but content creators may upload files with captions, audio description, and transcripts. |
| [1.2.2 Captions (Prerecorded)](http://www.w3.org/TR/WCAG20/#media-equiv-captions) | Supports | The Blackboard Student application does not natively contain audio content, but content creators may upload prerecorded audio-only content with captions. |
| [1.2.3 Audio Description or Media Alternative (Prerecorded)](http://www.w3.org/TR/WCAG20/#media-equiv-audio-desc) | Supports | The Blackboard Student application does not natively contain video content, but content creators may upload prerecorded video-only content with audio descriptions or a media alternative. |
| [1.3.1 Info and Relationships](http://www.w3.org/TR/WCAG20/#content-structure-separation-programmatic) | Partially supports | The Blackboard Student application exposes most semantics, with the following exception:   * Headings are not exposed as headings. |
| [1.3.2 Meaningful Sequence](http://www.w3.org/TR/WCAG20/#content-structure-separation-sequence) | Partially supports | The correct reading sequence is meaningful throughout the Blackboard Student application, with the following exception:   * Calendar dates are not correctly grouped with day names. |
| [1.3.3 Sensory Characteristics](http://www.w3.org/TR/WCAG20/#content-structure-separation-understanding) | Partially supports | The Blackboard Student application does not rely on sensory characteristics for instructions, with the following exception:   * The selected date on the due dates screen is indicated using a black outline. |
| [1.4.1 Use of Color](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-without-color) | Supports | The Blackboard Student application does not rely on color-alone to convey information. |
| [1.4.2 Audio Control](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-dis-audio) | Not applicable | The Blackboard Student application does not have audio content. |
| [2.1.1 Keyboard](http://www.w3.org/TR/WCAG20/#keyboard-operation-keyboard-operable) | Supports | All functionality is operable using the keyboard-alone in the Blackboard Student application. |
| [2.1.2 No Keyboard Trap](http://www.w3.org/TR/WCAG20/#keyboard-operation-trapping) | Supports | The Blackboard Student application does not cause a keyboard trap. |
| [2.2.1 Timing Adjustable](http://www.w3.org/TR/WCAG20/#time-limits-required-behaviors) | Supports | The Blackboard Student application does not have a timeout. |
| [2.2.2 Pause, Stop, Hide](http://www.w3.org/TR/WCAG20/#time-limits-pause) | Supports | The Blackboard Student application does not contain content that blinks, scrolls, or updates regularly. |
| [2.3.1 Three Flashes or Below Threshold](http://www.w3.org/TR/WCAG20/#seizure-does-not-violate) | Supports | The Blackboard Student application does not have flashing content. |
| [2.4.1 Bypass Blocks](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-skip) | Does not support | The Blackboard Student application does not have structured content to facilitate navigation for assistive technologies. |
| [2.4.2 Page Titled](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-title) | Partially supports | The Blackboard Student application has unique and descriptive page titles for all screens, with the following exception:   * The “Due dates calendar” screen uses the same title as the generic “Due dates” screen. |
| [2.4.3 Focus Order](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-focus-order) | Supports | The Blackboard Student application has a meaningful focus order. |
| [2.4.4 Link Purpose (In Context)](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-refs) | Not applicable | The Blackboard Student application does not include links. |
| [3.1.1 Language of Page](http://www.w3.org/TR/WCAG20/#meaning-doc-lang-id) | Not applicable |  |
| [3.2.1 On Focus](http://www.w3.org/TR/WCAG20/#consistent-behavior-receive-focus) | Supports | The Blackboard Student application does not cause a change of context on focus. |
| [3.2.2 On Input](http://www.w3.org/TR/WCAG20/#consistent-behavior-unpredictable-change) | Student | The Blackboard Student application does not cause an unexpected change of context when interacting with elements. |
| [3.3.1 Error Identification](http://www.w3.org/TR/WCAG20/#minimize-error-identified) | Supports | If an input error is detected in the Blackboard Student application, the error is described to the user in text. |
| [3.3.2 Labels or Instructions](http://www.w3.org/TR/WCAG20/#minimize-error-cues) | Supports | The Blackboard Student application provides labels and instructions where necessary for form controls. |
| [4.1.1 Parsing](http://www.w3.org/TR/WCAG20/#ensure-compat-parses) | Not applicable |  |
| [4.1.2 Name, Role, Value](http://www.w3.org/TR/WCAG20/#ensure-compat-rsv) | Partially supports | The Blackboard Student application provides the correct name, role, state, and other important accessibility information for most form controls, with some exceptions, including:   * Headings have not been identified. * Calendar dates are not correctly grouped with day names. |

#### Web Content Accessibility Guidelines (WCAG) 2.0 Success Criteria, Level AA

Notes:

| Criteria | Conformance level | Remarks and explanations |
| --- | --- | --- |
| [1.2.4 Captions (Live)](http://www.w3.org/TR/WCAG20/#media-equiv-real-time-captions) | Not applicable | The Blackboard Student application does not have live audio content. |
| [1.2.5 Audio Description (Prerecorded)](http://www.w3.org/TR/WCAG20/#media-equiv-audio-desc-only) | Not applicable | The Blackboard Student application does not have video content. |
| [1.4.3 Contrast (Minimum)](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-contrast) | Partially supports | The Blackboard Student application has sufficient contrast between the foreground and background colors, with the following exception:   * The text “Important” on the activity screen as insufficient contrast. |
| [1.4.4 Resize text](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-scale) | Supports | Text is resizable throughout the Blackboard Student application without a loss of content or functionality. |
| [1.4.5 Images of Text](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-text-presentation) | Supports | The Blackboard Student application does not contain images of text. |
| [2.4.5 Multiple Ways](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-mult-loc) | Supports | The Blackboard Student application has multiple ways of locating screens in the application. |
| [2.4.6 Headings and Labels](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-descriptive) | Supports | Headings and labels are descriptive throughout the Blackboard Student application. |
| [2.4.7 Focus Visible](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-focus-visible) | Supports | The Blackboard Student application has a visible indication of focus throughout. |
| [3.1.2 Language of Parts](http://www.w3.org/TR/WCAG20/#meaning-other-lang-id) | Not applicable | The Blackboard Student application does not contain changes in language. |
| [3.2.3 Consistent Navigation](http://www.w3.org/TR/WCAG20/#consistent-behavior-consistent-locations) | Supports | The Blackboard Student application has a consistent navigation mechanism. |
| [3.2.4 Consistent Identification](http://www.w3.org/TR/WCAG20/#consistent-behavior-consistent-functionality) | Supports | The Blackboard Student application components are identified consistently. |
| [3.3.3 Error Suggestion](http://www.w3.org/TR/WCAG20/#minimize-error-suggestions) | Not applicable | There are no known suggestions for correction when errors are detected in the Blackboard Student application. |
| [3.3.4 Error Prevention (Legal, Financial, Data)](http://www.w3.org/TR/WCAG20/#minimize-error-reversible) | Not applicable | The Blackboard Student application does not have legal commitments or financial transaction. |

#### Web Content Accessibility Guidelines (WCAG) 2.0 Success Criteria, Level AAA

Notes:

| Criteria | Conformance level | Remarks and explanations |
| --- | --- | --- |
| [1.2.6 Sign Language (Prerecorded)](http://www.w3.org/TR/WCAG20/#media-equiv-sign) | Not evaluated |  |
| [1.2.7 Extended Audio Description (Prerecorded)](http://www.w3.org/TR/WCAG20/#media-equiv-extended-ad) | Not evaluated |  |
| [1.2.8 Media Alternative (Prerecorded)](http://www.w3.org/TR/WCAG20/#media-equiv-text-doc) | Not evaluated |  |
| [1.2.9 Audio-only (Live)](http://www.w3.org/TR/WCAG20/#media-equiv-live-audio-only) | Not evaluated |  |
| [1.4.6 Contrast Enhanced](http://www.w3.org/TR/WCAG20/#visual-audio-contrast7) | Not evaluated |  |
| [1.4.7 Low or No Background Audio](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-noaudio) | Not evaluated |  |
| [1.4.8 Visual Presentation](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-visual-presentation) | Not evaluated |  |
| [1.4.9 Images of Text (No Exception) Control](http://www.w3.org/TR/WCAG20/#http://www.w3.org/TR/WCAG20/) | Not evaluated |  |
| [2.1.3 Keyboard (No Exception)](http://www.w3.org/TR/WCAG20/#keyboard-operation-all-funcs) | Not evaluated |  |
| [2.2.3 No Timing](http://www.w3.org/TR/WCAG20/#time-limits-no-exceptions) | Not evaluated |  |
| [2.2.4 Interruptions](http://www.w3.org/TR/WCAG20/#time-limits-postponed) | Not evaluated |  |
| [2.2.5 Re-authenticating](http://www.w3.org/TR/WCAG20/#time-limits-server-timeout) | Not evaluated |  |
| [2.3.2 Three Flashes](http://www.w3.org/TR/WCAG20/#seizure-three-times) | Not evaluated |  |
| [2.4.8 Location](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-location) | Not evaluated |  |
| [2.4.9 Link Purpose (Link Only)](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-link) | Not evaluated |  |
| [2.4.10 Section Headings](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-headings) | Not evaluated |  |
| [3.1.3 Unusual Words](http://www.w3.org/TR/WCAG20/#meaning-idioms) | Not evaluated |  |
| [3.1.4 Abbreviations](http://www.w3.org/TR/WCAG20/#meaning-located) | Not evaluated |  |
| [3.1.5 Reading Level](http://www.w3.org/TR/WCAG20/#meaning-supplements) | Not evaluated |  |
| [3.1.6 Pronunciation](http://www.w3.org/TR/WCAG20/#meaning-pronunciation) | Not evaluated |  |
| [3.2.5 Change on Request](http://www.w3.org/TR/WCAG20/#consistent-behavior-no-extreme-changes-context) | Not evaluated |  |
| [3.3.5 Help](http://www.w3.org/TR/WCAG20/#minimize-error-context-help) | Not evaluated |  |
| [3.3.6 Error Prevention (All)](http://www.w3.org/TR/WCAG20/#minimize-error-reversible-all) | Not evaluated |  |

## Section 508 Chapter 3: Functional Performance Criteria (FPC)

Notes:

| Criteria | Conformance level | Remarks and explanations |
| --- | --- | --- |
| 302.1Without Vision | Partially supports | The Blackboard Student application provides the correct name, role, state, and other important accessibility information for most interface elements. |
| 302.2 With Limited Vision | Partially supports | The Blackboard Student application can be used with limited vision, with one instance of a color contrast. |
| 302.3Without Perception of Color | Partially supports | The Blackboard Student application can be used without color perception, apart from selected dates in the calendar, which are indicated by an outline. |
| 302.4Without Hearing | Supports |  |
| 302.5With Limited Hearing | Supports |  |
| 302.6Without Speech | Supports |  |
| 302.7With Limited Manipulation | Supports | The Blackboard Student application is usable by people with limited manipulation. |
| 302.8With Limited Reach and Strength | Supports |  |
| 302.9With Limited Language, Cognitive, and Learning Abilities | Supports |  |

## Section 508 Chapter 4: Hardware

Notes: Blackboard Student is not a hardware product.

| Criteria | Conformance level | Remarks and explanations |
| --- | --- | --- |
| 402 Closed Functionality |  |  |
| *402.1 General* |  |  |
| *402.2 Speech-Output Enabled* |  |  |
| 402.2.1 Information Displayed On-Screen | Not applicable |  |
| 402.2.2 Transactional Outputs | Not applicable |  |
| 402.2.3 Speech Delivery Type and Coordination | Not applicable |  |
| 402.2.4 User Control | Not applicable |  |
| 402.2.5 Braille Instructions | Not applicable |  |
| *402.3 Volume* |  |  |
| 402.3.1 Private Listening | Not applicable |  |
| 402.3.2 Non-private Listening | Not applicable |  |
| 402.4 Characters on Display Screens | Not applicable |  |
| 402.5 Characters on Variable Message Signs | Not applicable |  |
| 403 Biometrics |  |  |
| 403.1 General | Not applicable |  |
| 404 Preservation of Information Provided for Accessibility |  |  |
| 404.1 General | Not applicable |  |
| 405 Privacy |  |  |
| 405.1 General | Not applicable |  |
| 406 Standard Connections |  |  |
| 406.1 General | Not applicable |  |
| 407 Operable Parts |  |  |
| 407.2 Contrast | Not applicable |  |
| *407.3 Input Controls* |  |  |
| 407.3.1 Tactilely Discernible | Not applicable |  |
| 407.3.2 Alphabetic Keys | Not applicable |  |
| 407.3.3 Numeric Keys | Not applicable |  |
| 407.4 Key Repeat | Not applicable |  |
| 407.5 Timed Response | Not applicable |  |
| 407.6 Operation | Not applicable |  |
| 407.7 Tickets, Fare Cards, and Keycards | Not applicable |  |
| *407.8 Reach, Height and Depth* |  |  |
| 407.8.1 Vertical Reference Plane | Not applicable |  |
| 407.8.1.1 Vertical Plane for Side Reach | Not applicable |  |
| 407.8.1.2 Vertical Plane for Forward Reach | Not applicable |  |
| 407.8.2 Side Reach | Not applicable |  |
| 407.8.2.1 Unobstructed Side Reach | Not applicable |  |
| 407.8.2.2 Obstructed Side Reach | Not applicable |  |
| 407.8.3 Forward Reach | Not applicable |  |
| 407.8.3.1 Unobstructed Forward Reach | Not applicable |  |
| 407.8.3.2 Obstructed Forward Reach | Not applicable |  |
| 407.8.3.2.1 Operable Part Height for ICT with Obstructed Forward Reach | Not applicable |  |
| 407.8.3.2.2 Knee and Toe Space under ICT with Obstructed Forward Reach | Not applicable |  |
| 408 Display Screens |  |  |
| 408.2 Visibility | Not applicable |  |
| 408.3 Flashing | Not applicable |  |
| 409 Status Indicators |  |  |
| 409.1 General | Not applicable |  |
| 410 Color Coding |  |  |
| 410.1 General | Not applicable |  |
| 411 Audible Signals |  |  |
| 411.1 General | Not applicable |  |
| 412 ICT with Two-Way Voice Communication |  |  |
| *412.2 Volume Gain* |  |  |
| 412.2.1 Volume Gain for Wireline Telephones | Not applicable |  |
| 412.2.2 Volume Gain for Non-Wireline ICT | Not applicable |  |
| *412. 3 Interference Reduction and Magnetic Coupling* |  |  |
| 412.3.1 Wireless Handsets | Not applicable |  |
| 412.3.2 Wireline Handsets | Not applicable |  |
| 412.4 Digital Encoding of Speech | Not applicable |  |
| 412.5 Real-Time Text Functionality | Not applicable |  |
| 412.6 Caller ID | Not applicable |  |
| 412.7 Video Communication | Not applicable |  |
| 413 Closed Caption Processing Technologies |  |  |
| 413.1.1 Decoding and Display of Closed Captions | Not applicable |  |
| 413.1.2 Pass-Through of Closed Caption Data | Not applicable |  |
| 414 Audio Description Processing Technologies |  |  |
| 414.1.1 Digital Television Tuners | Not applicable |  |
| 414.1.2 Other ICT | Not applicable |  |
| 415 User Controls for Captions and Audio Descriptions |  |  |
| 415.1.1 Caption Controls | Not applicable |  |
| 415.1.2 Audio Description Controls | Not applicable |  |

## Section 508 Chapter 5: Software

Notes:

| Criteria | Conformance level | Remarks and explanations |
| --- | --- | --- |
| **501.1 Scope – Incorporation of WCAG 2.0 AA** | Refer to the WCAG 2.0 section. | Refer to the WCAG 2.0 section. |
| **502 Interoperability with Assistive Technology** |  |  |
| 502.2.1 User Control of Accessibility Features | Supports |  |
| 502.2.2 No Disruption of Accessibility Features | Supports |  |
| *502.3 Accessibility Services* |  |  |
| 502.3.1 Object Information | Partially supports | The Blackboard Student application provides the correct name, role, state, and other important accessibility information for most interface elements. |
| 502.3.2 Modification of Object Information | Supports |  |
| 502.3.3 Row, Column, and Headers | Does not support | The Blackboard Student application does not programmatically associate dates with the day names in calendars. |
| 502.3.4 Values | Supports |  |
| 502.3.5 Modification of Values | Supports |  |
| 502.3.6 Label Relationships | Supports |  |
| 502.3.7 Hierarchical Relationships | Supports |  |
| 502.3.8 Text | Supports |  |
| 502.3.9 Modification of Text | Supports |  |
| 502.3.10 List of Actions | Supports |  |
| 502.3.11 Actions on Objects | Supports |  |
| 502.3.12 Focus Cursor | Supports |  |
| 502.3.13 Modification of Focus Cursor | Supports |  |
| 502.3.14 Event Notification | Supports |  |
| 502.4 Platform Accessibility Features | Supports |  |
| **503 Applications** |  |  |
| 503.2 User Preferences | Supports |  |
| 503.3 Alternative User Interfaces | Supports |  |
| *503.4 User Controls for Captions and Audio Description* |  |  |
| 503.4.1 Caption Controls | Not applicable | The Blackboard Student application does not contain media players. |
| 503.4.2 Audio Description Controls | Not applicable | The Blackboard Student application does not contain audio. |
| **504 Authoring Tools** |  |  |
| 504.2 Content Creation or Editing (if not authoring tool, enter “not applicable”) | Not applicable |  |
| 504.2.1 Preservation of Information Provided for Accessibility in Format Conversion | Not applicable |  |
| 504.2.2 PDF Export | Not applicable |  |
| 504.3 Prompts | Not applicable |  |
| 504.4 Templates | Not applicable |  |

## Section 508 Chapter 6: Support Documentation and Services

Notes:

| Criteria | Conformance level | Remarks and explanations |
| --- | --- | --- |
| 601.1 Scope |  |  |
| 602 Support Documentation |  |  |
| 602.2 Accessibility and Compatibility Features | Supports | The documentation for Blackboard Student lists and explains the accessibility and compatibility features of the product. |
| 602.3 Electronic Support Documentation | Partially supports | The documentation mostly complies with WCAG 2.0 A/AA, but there may be older content posted that has not been verified for accessibility. |
| 602.4 Alternate Formats for Non-Electronic Support Documentation | Not applicable | All necessary documentation for Blackboard Student is provided electronically. |
| 603 Support Services |  |  |
| 603.2 Information on Accessibility and Compatibility Features | Not applicable | Blackboard Student does not offer support services. |
| 603.3 Accommodation of Communication Needs | Partially supports | Support services for Blackboard Student are provided via email, which may not be accessible to some users. |

## Legal disclaimer

The information provided in this document is for informational purposes only. Statements regarding Blackboard’s product development initiatives, including new products and future product upgrades, updates or enhancements represent our current intentions, but may be modified, delayed or abandoned without prior notice and there is no assurance that such offering, upgrades, updates or functionality will become available unless and until they have been made generally available to our customers.