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Executive Summary

Mango Languages iOS Mobile App

Accessibility Conformance Report

Access Ingenuity, an independent authority in mobile and web accessibility, has evaluated the Mango Languages iOS Mobile Application and found that it was substantially compliant with WCAG 2.1 Level AA guidelines. There are a few lower severity accessibility issues that could present barriers to some users with disabilities, but most users should be able to access the application.

The Information Technology Industry Council (ITIC) has published recommended language to be used in completing Accessibility Conformance Reports (ACRs) that has been designed to create simplicity and uniformity/consistency in ACRs presented by a variety of suppliers. In preparing the Mango Languages ACR, Access Ingenuity has used the ITIC-recommended *VPAT 2.5 WCAG* format.

Based on this evaluation and on information published on the ITIC website (<http://www.itic.org>), Access Ingenuity presents the ACR for the Mango Languages iOS Mobile App on the following pages.

Mango Languages iOS Mobile App Accessibility Conformance Report

WCAG Edition

(Based on VPAT® Version 2.5)

Name of Product/Version: Mango Languages iOS App

Report Date: August 6, 2025

Product Description: Mobile language learning application providing learners multiple avenues to learn and practice over 70 languages.

Contact Information: support@mangolanguages.com

Notes: This ACR was prepared using the in-depth evaluation of a sampling of pages in the Mango Languages iOS Mobile Application. The pages were chosen to represent the unique templates used throughout the mobile application and represent the core functionality that users would access.

Evaluation Methods Used:

Conformance to the listed accessibility standards was evaluated between July 21 – August 6, 2025, using a combination of static analysis tools and manual testing with assistive technologies.

The evaluation was conducted in the following operating system and screen reader combination: Version 8.56.0 of the Mango Languages App, evaluated on iPhone 14 pro with the VoiceOver screen reader.

The accessibility assessment was executed per the following steps:

- I. A sighted accessibility expert conducted an overall technical analysis on the mobile application to identify issues of technical compliance that would affect mobility-impaired, deaf/hearing-impaired, and low-vision users.
- II. Screen reader accessibility analysis (for users with mobility and physically challenged users) was conducted by thoroughly navigating the mobile application using VoiceOver on iOS devices.
- III. The accessibility for low-vision users was evaluated two ways: (1) using the resizing capability offered by the application, and (2) using Colour Contrast Analyser (CCA) Version 3.5.4
- IV. Videos were assessed for proper captioning for deaf and hard-of-hearing users as well as the need for audio descriptions and transcripts for screen reader users.
- V. An expert screen reader user conducted screen reader testing. The goal was to identify accessibility barriers that are likely to be experienced by users who are blind.

Applicable Standards/Guidelines

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

Standard/Guideline	Included In Report
Mobile Content Accessibility Guidelines 2.0	Level A (Yes)

Standard/Guideline	Included In Report
	Level AA (Yes) Level AAA (No)
Mobile Content Accessibility Guidelines 2.1	Level A (Yes) Level AA (Yes) Level AAA (No)
Mobile Content Accessibility Guidelines 2.2	Level A (No) Level AA (No) 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 only be used in WCAG Level AAA criteria.

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 app provides sufficient alternative text for images found throughout the application.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Supports	There is no non-live video-only content found in the application. Non-live audio only content has sufficient equivalent information.
1.2.2 Captions (Prerecorded) (Level A)	Supports	There is no video content in the application.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Supports	There is no video content in the application.
1.3.1 Info and Relationships (Level A)	Partially Supports	There are a few occurrences of incorrect semantic structure, including heading text, list structures, and grouping relevant components. Some form fields have visual labels that are not correctly associated with them.
1.3.2 Meaningful Sequence (Level A)	Partially Supports	When a user activates a component that exposes new content, they often have to navigate through other content to reach this new content.
1.3.3 Sensory Characteristics (Level A)	Supports	Information in the mobile application does not rely on shape, size, visual location, or sound.
1.4.1 Use of Color (Level A)	Supports	Color alone is not used as the sole method of conveying information.
1.4.2 Audio Control (Level A)	Supports	Any audio provided can be paused, can be turned off in settings, or is only turned on

Criteria	Conformance Level	Remarks and Explanations
		through user interaction, as opposed to automatically playing content.
2.1.1 Keyboard (Level A)	Partially Supports	There are a handful of features that cannot be accessed with a keyboard with VoiceOver running, such as the specific words in lessons. The whole phrase can only be selected, and it reads one word from the phrase.
2.1.2 No Keyboard Trap (Level A)	Supports	Focus was not trapped at any point of testing.
2.1.4 Character Key Shortcuts (Level A)	Supports	No author-defined keyboard shortcuts are used on the mobile application.
2.2.1 Timing Adjustable (Level A)	Supports	The mobile application does not include time limits that would require adjustment.
2.2.2 Pause, Stop, Hide (Level A)	Supports	Users can pause any moving content presented on the mobile application.
2.3.1 Three Flashes or Below Threshold (Level A)	Supports	There is no flashing content on the mobile application.
2.4.1 Bypass Blocks (Level A)	Partially Supports	Some headings are not defined as headings, and other content with incorrect semantics, causing users who navigate the page with the rotor commands to not be consistent.
2.4.2 Page Titled (Level A)	Supports	Page headings are present and unique for each page.
2.4.3 Focus Order (Level A)	Partially Supports	Focus is not managed correctly with modals and new content; focus is not placed back on the component that triggers the modal.
2.4.4 Link Purpose (In Context) (Level A)	Supports	The purpose of the links on the mobile application is identified.
2.5.1 Pointer Gestures (Level A)	Partially Supports	Path-based gestures, such as the Lesson Progress Slider, can be activated to advance slides, but this is not accessible due to causing

Criteria	Conformance Level	Remarks and Explanations
		a change of context with focus and advancing a random number of slides.
2.5.2 Pointer Cancellation (Level A)	Supports	There were no issues with pointer cancellation.
2.5.3 Label in Name (Level A)	Supports	The accessible names of interactive content matched or contained the visually available labels.
2.5.4 Motion Actuation (Level A)	Supports	There was no functionality requiring device motion.
3.1.1 Language of Page (Level A)	Supports	The language of the mobile application is appropriately identified on all pages.
3.2.1 On Focus (Level A)	Supports	When focus moves throughout the mobile application, this does not ever cause a change of context.
3.2.2 On Input (Level A)	Partially Supports	Moving and deleting vocabulary cards is difficult due to a change of context whenever a vocabulary card is first selected. Several controls inside the Course Settings menu modal cause a change of context on input.
3.3.1 Error Identification (Level A)	Supports	Error messages were not present through the screens tested.
3.3.2 Labels or Instructions (Level A)	Partially Supports	The edit list description form field is labeled only using placeholder text, and the edit list title is only labeled with its default value.
4.1.1 Parsing (Level A) WCAG 2.0 and 2.1 – Always answer ‘Supports’ WCAG 2.2 (obsolete and removed) - Does not apply	Supports	For WCAG 2.0 and 2.1, the September 2023 errata update indicates this criterion is always supported. See the WCAG 2.0 Editorial Errata and the WCAG 2.1 Editorial Errata .
4.1.2 Name, Role, Value (Level A)	Partially Supports	Several components are not defined correctly, such as links defined as buttons.

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Supports	There is no live multimedia content in the mobile application.
1.2.5 Audio Description (Prerecorded) (Level AA)	Supports	There is no video content in the application.
1.3.4 Orientation (Level AA)	Does Not Support	It was not possible to use the application in landscape orientation during testing.
1.3.5 Identify Input Purpose (Level AA)	Supports	Personal information has an autofill option during the login process.
1.4.3 Contrast (Minimum) (Level AA)	Supports	There were no instances of color contrast issues found for text on the pages tested.
1.4.4 Resize text (Level AA)	Partially Supports	The application's text does not always resize using system font size settings.
1.4.5 Images of Text (Level AA)	Supports	Images of text were not used when text would have been appropriate.
1.4.10 Reflow (Level AA)	Supports	Horizontal scrolling is not required to access content on the mobile application.
1.4.11 Non-text Contrast (Level AA)	Partially Supports	Some non-text content has insufficient color contrast. For example, form field borders often do not have sufficient color contrast.
1.4.12 Text Spacing (Level AA)	Supports	Text can be edited using system font size settings without loss of content or functionality.
1.4.13 Content on Hover or Focus (Level AA)	Partially Supports	The Lesson Progress Slider has Slide Preview content only available to users who are actively sliding(hovering) the Lesson Progress Slider.
2.4.5 Multiple Ways (Level AA)	Supports	The application provides multiple ways to navigate between sections.
2.4.6 Headings and Labels (Level AA)	Partially Supports	A few component labels don't sufficiently describe the component, like the play your own

Criteria	Conformance Level	Remarks and Explanations
		recording button found in the recording activity in lessons.
2.4.7 Focus Visible (Level AA)	Supports	There is always a focus indicator visible for components that have focus.
3.1.2 Language of Parts (Level AA)	Supports	Text is defined in its respective language whenever relevant.
3.2.3 Consistent Navigation (Level AA)	Supports	Navigational components remain consistent throughout the app.
3.2.4 Consistent Identification (Level AA)	Partially Supports	Pages headings are not consistently identified as heading text throughout the application.
3.3.3 Error Suggestion (Level AA)	Supports	Errors are sufficiently described when errors are present.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Supports	The application supports this requirement as no legal, financial, or user data is collected.
4.1.3 Status Messages (Level AA)	Supports	Dynamic content is sufficiently announce by VoiceOver.

Legal Disclaimer (Mango Languages)

This Accessibility Conformance Report ("ACR") reflects the assessment of the application identified herein (the "Application") as of the Report Date set forth above, based on the accessibility standards specified in this document. This ACR is provided "as is," for informational purposes only, without any warranties, express or implied, including but not limited to warranties of merchantability, fitness for a particular purpose, non-infringement, accuracy, and completeness. The Application is subject to ongoing updates and improvements, and as such, the information contained in this ACR may not accurately reflect the state or functionality of the Application after the Report Date. In no event shall Creative Empire, LLC d/b/a Mango Languages, its affiliates, partners, agents, or employees be liable for any loss, damage, or consequence resulting from reliance on the information contained in this ACR.