

Table of Contents

Executive Summary Mango Languages Mobile App Accessibility Conformance Report	iii
Mango Languages Mobile App Accessibility Conformance Report.....	1
WCAG Edition.....	1
WCAG 2.1 Report	4
Table 1: Success Criteria, Level A.....	4
Table 2: Success Criteria, Level AA.....	7
Legal Disclaimer (Company)	9

Executive Summary

Mango Languages Mobile App

Accessibility Conformance Report

Access Ingenuity, an independent authority in mobile accessibility, has evaluated the Mango Languages 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 Mobile App on the following pages.

Mango Languages Mobile App Accessibility Conformance Report

WCAG Edition

(Based on VPAT® Version 2.5)

Name of Product/Version: Mango Languages Android App

Report Date: July 11, 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 Mobile Application. The pages were chosen to represent the unique templates used throughout the mobile application and represented the core functionality that users would access.

Evaluation Methods Used:

Conformance to the listed accessibility standards was evaluated between April 18 – May 1, 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 8.50.0 (692) of the Mango Languages App, evaluated on Motorola G24 running Android 14 with the TalkBack 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 TalkBack on Android 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 alternative text as well as accessible button and link labeling with a few exceptions. Some icons such as the error icons found when incorrectly filling out the profile forms process do not have a text alternative.
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. The close button in word information dialogs is not the first button as expected but is instead located between other components.

Criteria	Conformance Level	Remarks and Explanations
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)	Partially Supports	Color alone is not widely used as the sole method of conveying information. However, there are instances it is used to identify content, such as the currently selected Activity or Assessment.
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 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 TalkBack, like the tab controls for the Recent Languages Carousel.
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)	Supports	The mobile application contains skip links to move to the main sections of the application.
2.4.2 Page Titled (Level A)	Partially Supports	There are instances of page headings that are identical on different pages in the mobile application.
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.

Criteria	Conformance Level	Remarks and Explanations
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	Scrolling through voice recordings requires the use of a path-based gesture.
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	The word information dialogue is difficult to navigate with TalkBack due to multiple components triggering a change of context on input, such as the show details button or changing tabs.
3.3.1 Error Identification (Level A)	Partially Supports	Error messages are not programmatically associated with their fields, so screen reader users hear them only as plain text after fields.
3.3.2 Labels or Instructions (Level A)	Partially Supports	Required form fields are not identified as required. Some form fields are labeled only using placeholder text.
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 .

Criteria	Conformance Level	Remarks and Explanations
4.1.2 Name, Role, Value (Level A)	Partially Supports	Several components are not defined correctly, causing TalkBack to announce them incorrectly when they receive focus, such as announcing them multiple times, not announcing their state as selected, or not announcing the component's role.

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)	Partially Supports	The email form field in the profile dialogue is not identified as an email field.
1.4.3 Contrast (Minimum) (Level AA)	Partially Supports	There are a few instances of insufficient color contrast, such as the profile form field visual labels.
1.4.4 Resize text (Level AA)	Supports	The application's text resizes using system font size settings without loss of content or functionality.
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.

Criteria	Conformance Level	Remarks and Explanations
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)	Supports	Content presented on focus did not result in any barriers.
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 date range and course filter inside the activity assessment section.
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)	Partially Supports	There are several instances of text not being defined in its given language found throughout the application.
3.2.3 Consistent Navigation (Level AA)	Supports	Navigational components remain consistent throughout the app.
3.2.4 Consistent Identification (Level AA)	Partially Supports	The component that opens the word information dialog is not consistently identified. TalkBack announces clear instructions before activation but the labeling after activation is not as clear.
3.3.3 Error Suggestion (Level AA)	Supports	Errors shown in the error summary modal do not sufficiently describe which fields are incorrectly filled out.
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.

Criteria	Conformance Level	Remarks and Explanations
4.1.3 Status Messages (Level AA)	Supports	Some dynamic content is not announced to TalkBack users when it is revealed, such as the “Add to Vocabulary” changing to “Added to Vocabulary” inside the word information dialogue.

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.