



Breaking Barriers: Ensuring Digital Inclusivity for All Users



Introduction




AAPNA delivered a project focused on creating an inclusive digital experience for all users, including those with disabilities. Our goal was to achieve 100% compliance with WCAG 2.1 Level A and Level AA standards for iOS and Android apps, ensuring accessibility for users with visual, auditory, and motor impairments.

Key Challenge

-  Improving accessibility compliance scores from 50% to the maximum
-  Ensuring the apps were fully usable by all, including users with disabilities

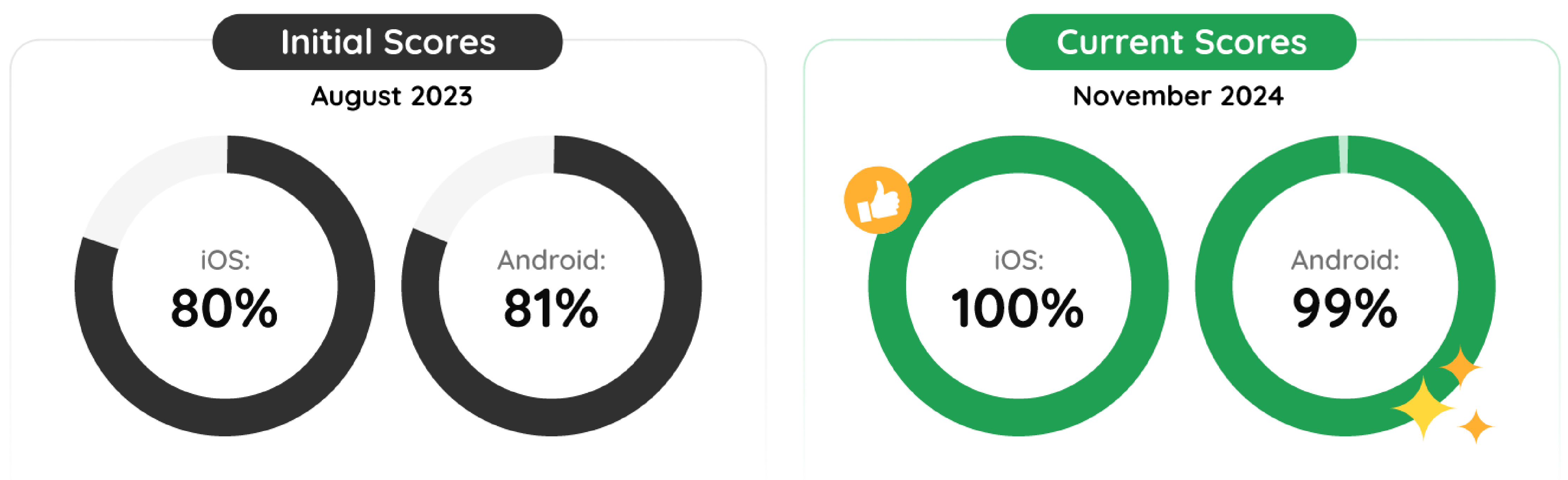
Solution Provided

Our team implemented key accessibility improvements

 <h3>Screen Reader Compatibility</h3> <p>Ensured full support for VoiceOver (iOS) and TalkBack (Android), added accessibility labels, and enabled real-time updates for dynamic content</p>	 <h3>Colour Contrast</h3> <p>Adjusted text and background combinations to meet WCAG AA standards and added high-contrast modes</p>	 <h3>Alternative Text</h3> <p>Added descriptive alt text for all non-decorative images and UI elements</p>
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Outcome


Accessibility scores improved significantly



Technology Used

 android		 iOS
 Linux EMBEDDED		 ANGULAR
 Microprocessor		 Microcontroller

Team Members

 Gautam Pattani Project Manager	 Yashpal Rathod Senior Developer	 Shelly Jain Senior Developer
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Conclusion

These enhancements set a benchmark for inclusive app development, driving full accessibility and ensuring compliance with industry standards. By prioritizing user-centric design, the apps deliver seamless experiences for all users. This approach boosts engagement, broadens reach, and strengthens brand reputation.

Know more about Accessibility [Click here](#)