

## Case Study

# Ensuring WCAG 2.1 Compliance for a University's Gender-Specific Program

Magic  
EdTech

## The Client

The client is a major private institution of higher education in the U.S. It is one of the Ivy League schools.

## The Challenge

The University launched a web-based, gender-specific program aimed at improving girls' cognitive and behavioral skills. The program, built on WordPress CMS, consisted of 9 learning sessions, each requiring approximately 20 minutes of user engagement. The sessions included various interactions, such as videos, drag-and-drop activities, and web forms, where girls would report their past 30-day use of substances like alcohol, cigarettes, marijuana, and other drugs. As a university committed to ensuring equal access to its programs for students with disabilities, their Office of Disability Services sought our expertise to audit and remediate the program's resources to be compliant with Web Content Accessibility Guidelines (WCAG) 2.1.

## Critical Success Parameters

- ✓ Ensure that the program's resources are compliant with Web Content Accessibility Guidelines (WCAG) 2.1.
- ✓ Carry out the Audit, Remediation, and Testing in a short time span.

## Our Approach

- ✓ **Audit Process:** We initiated the project with a comprehensive audit of the program's resources to identify any accessibility barriers using screen reading environments such as JAWS, ChromeVox, and VoiceOver, ensuring thorough testing for accessibility compliance. CPACC-certified experts meticulously reviewed the program's content, interactions, web forms, and user interface to identify any issues that could potentially hinder access for individuals with disabilities. The audit process was completed within one month, and a detailed report was shared with the University, highlighting the identified accessibility barriers and recommendations for remediation.
- ✓ **Remediation Process:** Upon receiving the audit report, we collaborated with the University to prioritize and address the accessibility issues. This involved making changes to the program's content, interactions, including web forms, and user interface to ensure compliance with WCAG 2.1 guidelines. The remediation was completed within 2 months, making the program accessible to all users, including those with disabilities.
- ✓ **Testing with People with Disabilities (PWD):** During the remediation process, Magic EdTech worked with PWD who were actively involved in testing the program, including web forms, for accessibility. This allowed for valuable feedback and insights from the perspective of individuals with disabilities, which helped in making necessary adjustments to ensure a truly inclusive user experience.



## Key Result Highlights

Through the expertise and efforts of Magic EdTech, the University's gender-specific program was successfully audited and remediated for accessibility compliance.

The program now meets the **requirements of WCAG 2.1** guidelines, ensuring equal access to all users, including those with disabilities.

The collaboration between Magic Edtech and the University's Office of Disability Services resulted in a program that is inclusive, usable, and welcoming to all individuals, regardless of their abilities.