

# **Albinism Foundation of Zambia (AFZ) Website Development Progress Report**

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# 1 Executive Summary

This report provides a comprehensive overview of the current status of the Albinism Foundation of Zambia (AFZ) website development project. The website has been designed with a focus on accessibility, modern aesthetics, and advocacy for persons with albinism. Key features include a unified design system, multilingual support, and detailed information about AFZ's mission, programs, and initiatives.

## 2 Current Progress

### 2.1 Website Structure and Pages

The website comprises the following fully developed or near-complete pages:

- **Homepage:** Includes a hero section, quick navigation, member portal showcase, impact stories, gallery, and mission statement.
- **About Us:** Details the founding story, leadership team, board of directors, and organizational statistics.
- **Programs:** Provides comprehensive information on AFZ's initiatives.
- **Resources:** Offers educational and support materials for the community.
- **Advocacy:** Highlights rights and policy initiatives.
- **Events:** Features a calendar and upcoming activities.
- **Contact:** Includes contact forms and organizational details.
- **Member Hub:** A dedicated portal for community members.
- **Donate:** Outlines contribution and support mechanisms.
- **Authentication:** Implements login/signup functionality.

### 2.2 Design System Implementation

A unified design system (`afz-unified-design.css`) has been created, incorporating AFZ brand colors:

- **Primary:** Black (`#000000`)
- **Secondary:** Gold (`#DAA520`) with light (`#F4D03F`) and dark (`#8C6A00`) variants
- **Text:** White (`#FFFFFF`) for high contrast

Additional design features include:

- Responsive design optimized for all device sizes

- Accessibility features tailored for persons with albinism, including high-contrast modes
- Consistent styling for headers, navigation, buttons, and cards

## 2.3 Technical Features

The website incorporates the following technical capabilities:

- Multilingual support with a language selector
- Progressive Web App (PWA) functionality
- Responsive navigation with a mobile menu
- Search functionality
- Notification system
- Form validation
- SEO optimization with meta tags and Open Graph properties

## 2.4 Content Development

The website includes comprehensive content, such as:

- Organizational details, including mission, vision, and values
- Detailed leadership profiles (Executive Director, management team, board of directors)
- Program descriptions with impact statistics
- Resource library for community members
- Event calendar and news section
- Donation and volunteer opportunities

# 3 Issues Identified and Resolved

## 3.1 Header Styling Issue

**Problem:** The header did not display the correct AFZ brand colors (black background with white and gold text).

**Resolution:**

- Updated `afz-unified-design.css` to explicitly use AFZ brand colors:
  - Background: `#000000` (black)
  - Text: `#FFFFFF` (white)

- Navigation links: #FFFFFF with gold (#DAA520) on hover/active states
- Tagline: Gold (#DAA520)
- Hamburger menu lines: #FFFFFF
- Updated CSS version references in all HTML files from ?v=f274f2f4 to ?v=updated to prevent browser caching.
- Applied similar updates to member-hub.css for consistency.

#### **Files Modified:**

- c:\Users\HP\Desktop\afz\css\afz-unified-design.css
- c:\Users\HP\Desktop\afz\index.html
- c:\Users\HP\Desktop\afz\pages\about.html
- c:\Users\HP\Desktop\afz\pages\donate.html
- c:\Users\HP\Desktop\afz\css\member-hub.css
- c:\Users\HP\Desktop\afz\pages\events.html
- c:\Users\HP\Desktop\afz\pages\programs.html
- c:\Users\HP\Desktop\afz\pages\resources.html
- c:\Users\HP\Desktop\afz\pages\contact.html
- c:\Users\HP\Desktop\afz\pages\auth.html

## **4 Outstanding Tasks**

### **4.1 Content Enhancement**

- Finalize translations for multilingual support
- Add detailed program descriptions with specific impact stories
- Complete resource library with downloadable materials
- Populate events calendar with upcoming activities

### **4.2 Technical Improvements**

- Implement full offline functionality for the PWA
- Enhance form validation and error handling
- Optimize images for faster loading
- Implement analytics for user behavior tracking

### 4.3 Accessibility Features

- Conduct thorough accessibility testing with screen readers
- Add ARIA labels for improved navigation
- Implement keyboard navigation improvements

### 4.4 Security Enhancements

- Implement stronger authentication mechanisms
- Add security headers
- Implement input sanitization for forms

## 5 Recommendations

- **User Testing:** Conduct usability testing with persons with albinism to ensure the site meets their specific needs.
- **Performance Optimization:** Implement lazy loading for images and optimize asset delivery.
- **Content Management:** Consider implementing a content management system (CMS) for easier updates.
- **Community Features:** Enhance the member portal with discussion forums and private messaging.
- **Integration:** Connect with social media platforms for broader reach.

## 6 Conclusion

The AFZ website has been successfully developed with a strong foundation in accessibility, responsive design, and brand consistency. The recent header styling issue has been resolved, ensuring the site accurately reflects AFZ's brand identity with a black background and gold/white text. The website is ready for user testing and content population, with a clear roadmap for future enhancements. It effectively communicates AFZ's mission to advocate for the rights and inclusion of persons with albinism in Zambia, providing essential resources and community connection opportunities. With the implementation of the remaining tasks, this platform will serve as a powerful tool for AFZ's advocacy work.