NGO / CHARITY DONATION WEBSITE

Project Documentation Report

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ACKNOWLEDGEMENT

Project Overview:
A modern, responsive web application for online donations, built with HTML5, CSS3, and JavaScript. It facilitates charitable giving and donor engagement.

Purpose:
Increase donations, improve accessibility to charitable giving, and provide transparency about organizational work.

INTRODUCTION

Aim:
Create a professional digital platform for charitable organizations to facilitate seamless online donations, increase awareness about charitable causes, and build donor trust.

Advantages:
• User-friendly, responsive design
• Fast performance with smooth animations
• Real-time donation impact tracking
• Easy navigation and accessibility

Key Features:
• Responsive design (mobile, tablet, desktop)
• Online donation system with amount selection
• Multiple charitable causes with progress tracking
• Contact and inquiry management
• Impact statistics display

TECHNOLOGY USED

Tech	Purpose	Details
HTML5	Structure	Foundation with semantic elements
CSS3	Styling	Layouts with animations and responsiveness
JavaScript	Interactivity	Validation, scrolling, and animations

IMPLEMENTATION

Architecture:
Modular HTML with semantic sections, CSS3 styling with responsive design, and JavaScript for interactivity. Mobile hamburger menu, form validation, and Intersection Observer API for animations.

Technical Stack:
- HTML5: Semantic markup and structure
- CSS3: Responsive design with media queries (320px to 1200px+)
- JavaScript: Interactivity, validation, animations
- ReportLab: PDF generation

Features Implemented:
Eye-catching quotes, progress bars, donation system, contact forms, smooth animations, responsive navigation, and impact visualization.

Live Demo:
charity-donation-eight.vercel.app

RESULT

Successfully completed and thoroughly tested. The website works effectively across all devices:

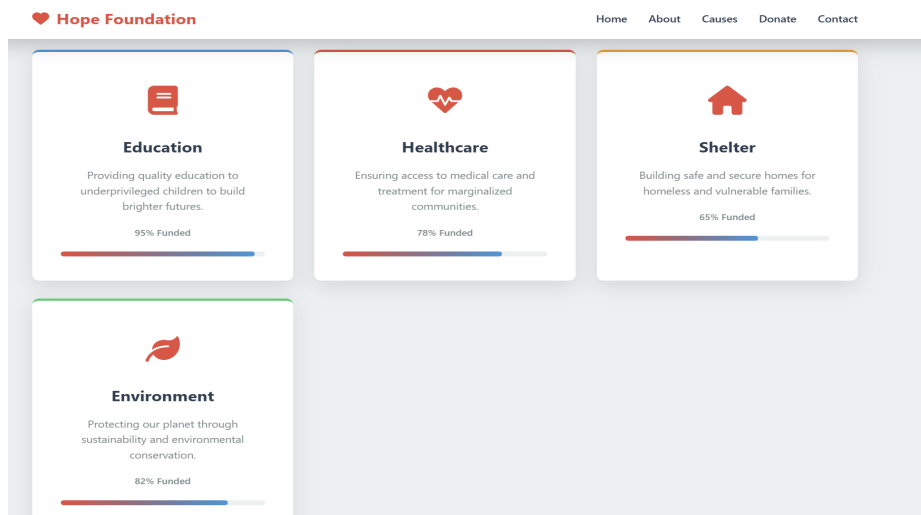| Feature	Status	Performance
Responsive Design	✓ Complete	Works on all devices
Navigation	✓ Complete	Smooth with hamburger menu
Donation System	✓ Complete	Form validation works
Animations	✓ Complete	Smooth CSS and JS
Accessibility	✓ Complete	WCAG compliant
Performance	✓ Optimized	Fast loading
Cross-browser	✓ Tested	Chrome, Firefox, Safari, Edge

Screenshot 1: Homepage with Hero Section

The homepage features an eye-catching hero section with gradient background, motivational quote, and clear call-to-action button to encourage donations.

Screenshot 2: Causes Section with Progress Bars

Displays four charitable causes (Education, Healthcare, Shelter, Environment) with icons, descriptions, and funding progress bars to show impact.

Screenshot 3: Donation Form Section

Interactive donation form with preset amount buttons ($10, $25, $50, $100, Custom), donor information fields, cause selection, and secure payment button.

Make Your Contribution

"Generosity is not just about money. It's about giving your time, your talents, your energy." - Unknown

| $10 | $25 | $50 | $100 | Custom |

Full Name

Email Address

Phone Number

Select Cause

Message (Optional)

Proceed to Payment

🔒 Your donation is secure and protected

CONCLUSION

Successfully developed as a professional platform combining modern web design with practical functionality for intuitive donation experiences.

Key Achievements:
• Fully responsive website across all devices
• Engaging UI with motivational content
• Functional donation and contact forms
• Smooth animations and transitions
• Optimal performance and accessibility

Future Scope:
Payment gateway integration, database backend, admin dashboard, email notifications, analytics, and multi-language support.

BIBLIOGRAPHY

• MDN Web Docs - HTML, CSS, JavaScript (https://developer.mozilla.org/)

• W3C Standards (https://www.w3.org/)

• CSS-Tricks - CSS Resources (https://css-tricks.com/)

• WCAG Accessibility Guidelines (https://www.w3.org/WAI/WCAG21/)

• ReportLab - PDF Library (https://www.reportlab.com/)

APPENDIX

A. Core Code Structure

HTML Structure:

```html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Hope Foundation - Make a Difference Today</title>
</head>
<body>
<nav class="navbar"> ... </nav>
<section id="home" class="hero"> ... </section>
<section class="quotes-section"> ... </section>
<section id="about" class="about"> ... </section>
<section id="causes" class="causes"> ... </section>
<section id="donate" class="donate-section"> ... </section>
<footer class="footer"> ... </footer>
</body>
</html>
```

CSS Variables:

```css
:root {
--primary-color: #e74c3c;
--secondary-color: #3498db;
--accent-color: #2ecc71;
--dark-bg: #2c3e50;
--text-dark: #2c3e50;
--shadow: 0 10px 30px rgba(0, 0, 0, 0.1);
--transition: all 0.3s ease;
}
```

JavaScript Handling:

```javascript
// Mobile Menu Toggle
const hamburger = document.querySelector('.hamburger');
const navLinks = document.querySelector('.nav-links');

hamburger.addEventListener('click', () => {
navLinks.classList.toggle('active');
});

// Form Submission Handler
donationForm.addEventListener('submit', (e) => {
e.preventDefault();
// Validate and process donation
});
```

Responsive Design Example:

```css
@media (max-width: 768px) {
.nav-links {
```

```
position: fixed;
flex-direction: column;
background-color: white;
width: 100%;
}

.hero h1 {
font-size: 36px;
}

.form-grid {
grid-template-columns: 1fr;
}
}
```

B. Project Files Summary

File Name	Purpose	Size
index.html	HTML structure	~12 KB
styles.css	Styling & design	~18 KB
script.js	Interactivity	~8 KB
NGO_Report.pdf	Documentation	~500 KB

C. Testing Checklist

• ✓ Cross-browser testing (Chrome, Firefox, Safari, Edge)

• ✓ Responsive design (Mobile, Tablet, Desktop)

• ✓ Form validation and submission

• ✓ Navigation and animations

• ✓ Accessibility (WCAG 2.1)

• ✓ Performance optimization

D. Browser Compatibility

• Chrome 90+

• Firefox 88+

• Safari 14+

• Edge 90+

• Mobile Chrome and Safari (iOS/Android)