

Project Documentation: SaF56Cyber Awareness Hub

Overview

A static website built for the University of Rwanda's Web Development course, focusing on cybersecurity education. The project aims to raise awareness about digital threats and provide actionable safety tips.

Project Structure

Files

1. **index.html**: Homepage with an introduction to cybersecurity, key threats, and resource links.
2. **threats.html**: Details top cybersecurity threats (phishing, malware, IoT vulnerabilities) with real-world examples and embedded videos.
3. **tips.html**: Practical safety tips, including password management, software updates, and phishing detection.
4. **about.html**: Information about the project's mission, developer, and educational purpose.
5. **contact.html**: Contact form, office address, phone/email details, and an embedded Google Map.
6. **mystyle.css**: Central stylesheet for consistent styling across all pages.

Assets

- Images (e.g., **Blog_GenerativeAISecurity_BlogHero_202404_V1.webp**).
 - Embedded YouTube videos and Google Maps.
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Technologies Used

- **HTML5**: Semantic tags (**<nav>**, **<section>**, **<footer>**), tables, forms, and embedded content.
 - **CSS3**: Responsive design, flexbox layouts, shadows, and color schemes.
 - **External Resources**:
 - YouTube videos for educational content.
 - Google Maps for location embedding.
 - Links to external tools (Bitwarden, NordVPN).
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Key Features

1. Consistent Navigation

- Fixed navigation bar across all pages with links to Home, Threats, Tips, About, and Contact.
- Styled with **#2c3e50** background and white text.

2. Responsive Design

- Flexbox layouts for dynamic content organization.
- Mobile-friendly sections with **min-width** constraints.

3. Educational Content

- Threat examples (e.g., Twitter phishing scam, WannaCry ransomware).
- Statistics from sources like SonicWall and Verizon.
- Embedded videos explaining cybersecurity concepts.

4. Styling

- Reusable CSS classes (e.g., `.secT`, `.secI`) for sections, ensuring visual consistency.
- Color-coded headings (red for threats, green for tips).
- Shadow effects and rounded borders for visual depth.

5. Contact Form

- Input fields for name, email, subject, and message.
- Styled submit button with hover effects.

Setup Instructions

1. Clone or download the project files.
2. Ensure all HTML files and `mystyle.css` are in the same directory.
3. Open `index.html` in a web browser.
4. No server required—works as a static site.

Learning Objectives Achieved

- HTML fundamentals (tables, forms, semantic tags).
- CSS styling (flexbox, shadows, responsive design).
- Integration of external content (videos, maps).
- Project organization and cross-page consistency.

Possible Enhancements

1. JavaScript Integration:

- Form validation for the contact page.
- Interactive quizzes or threat simulations.

2. Dynamic Content:

- Blog section for updates.
- User comments/feedback system.

3. Accessibility Improvements:

- ARIA labels for screen readers.
- Higher contrast ratios for text.

4. Additional Pages:

- Glossary of cybersecurity terms.
 - Case studies of major cyberattacks.
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