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City Colleges of Chicago

Capstone Course 260

Personal Professional Website Development

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Section 1: Project Overview

The following information provides documentation for the personal professional website belonging to Iva M. Brooks. The project is a static HTML based website using Tailwind CSS. The Personal Professional Website presents biographical information such as resume-style content, publications, awards, and a contact form. The purpose of this documentation is to describe the project's structure, explain how each component of the code functions, and provide end-user instructions for interacting with the website.

Section 2: System Structure

The website is composed of the following high-level components.

- Header and navigation
- Bio section with profile image
- Education section

- Experience section
- Publications section
- Awards section
- Contact form with JavaScript handler
- Footer

Section 3: Technical Code Documentation

1. *HTML Structure*

This HTML document follows a conventional structure using headers, mains, sections, and footer elements. Tailwind CDN is loaded via script tags to allow utility-class styling.

2. *Custom Styles*

There are several small style blocks defining a lemongrass color theme, including custom class names.

3. *JavaScript Functions*

The file includes a contact form handler which captures form submissions, prevents the default browser from refreshing attribute behavior, displays a temporary message, and clears the form. Another script automatically updates the copyright year.

Section 4: User Documentation

The website's design and aesthetic target capture audience is a basic navigating end-user ranging in age from a 1-year-old through to a 101-year-old. The website's development to an end-user is simple virtual data input and downloading capabilities in viewable content data.

1. *Navigating the Website*

Users can access sections using a navigation bar, which can scroll to sections within the website's components such as Bio, Experience, Publications, and Contact sections.

2. *Viewing Publications*

Publications are and/or can be presented as cards with titles, optional digital object identifier (DOI) fields, and can be linked to downloadable PDF documents.

3. *Submitting the Contact Form*

An End-User can enter their name data, email data, and message data. The form displays a simulated confirmation message and does not send data to a backend

Section 5: Appendix

This appendix contains an open-source HTML source code for reference for the personal business website for Iva M. Brooks and/or in reference to Iva M. Brooks, Cybersecurity Newbie.