# MINI PROJECT REPORT ON WEBSITE DESIGN

## Student Information

Name: Daniel Tawiah

Index Number: BCITN24075

Course Code: BIT 414

Course Title: Mini Project 1

Lecturer: Mr. Anthony Emil Jnr

Date of Submission: 1st September 2025

## 1. Project Overview

This report presents the development of a personal one-page website created as part of the Mini Project 1 course. The project was intended to demonstrate my competency in HTML and CSS for front-end development.

The website showcases my educational background, work experience, hobbies, references, gallery, and documents in a visually appealing and professional format. It also includes a functional contact form for communication.

## 2. Objectives of the Website

- To design a modern one-page website that represents my personal profile.
- To demonstrate skills in HTML5 and CSS without relying on external frameworks.
- To implement good UI/UX design principles such as clean layout, color consistency, and readability.
- To provide sections that meet academic and professional requirements (About, Courses, References, Documents, Gallery, Contact).
- To integrate a contact form prototype and ensure responsiveness across devices.

## 3. Website Structure and Features

The website is divided into several sections:

1. Home Section
   - Student's name and index number.
   - Image slider with 3 personal photos.
   - Brief introduction (career objectives) with "Read More" link.
   - Semester courses displayed horizontally with a representative image.
   - Calendar of semester activities.
   - Three testimonials.

2. About Me Section
   - Educational qualifications (from Crèche to University).
   - Work experience including internship details.

- Seminars and conferences attended.
- Leadership roles.
- Community/voluntary services.
- Hobbies and aspirations.

3. References Section
  - Three referees with images, names, email, and phone numbers.

4. Photo Gallery
  - Ten images with captions about myself, friends, and family.

5. Documents Section
  - Three downloadable certification documents.

6. Contact Me Section
  - A form with Name, Subject, Email, Phone, Message, Submit, and Reset buttons.

7. Footer
  - Social media links and copyright notice.

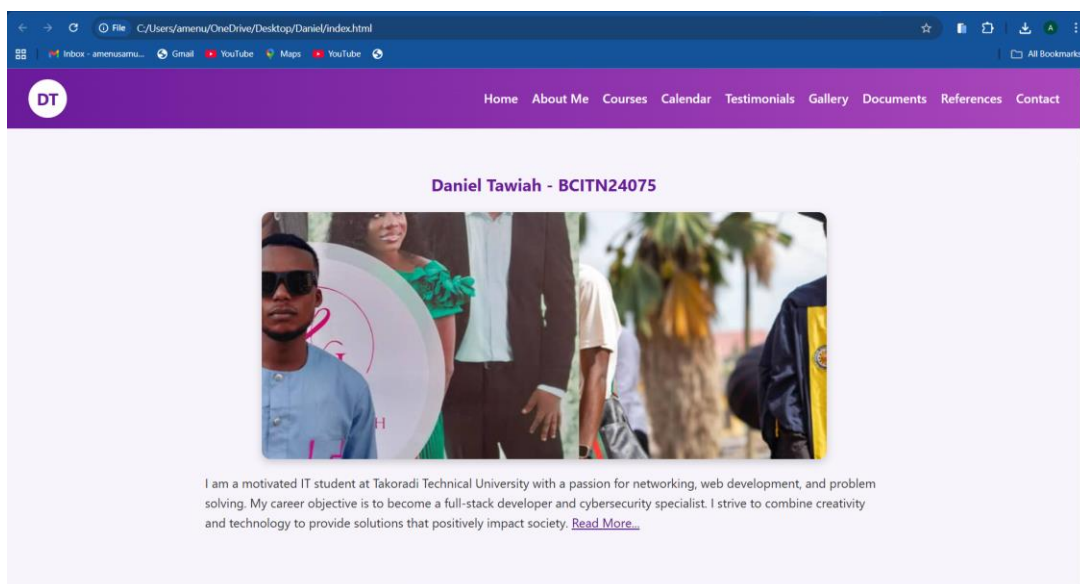## 4. Tools & Technologies Used

```
Tool / Tech | Purpose
------------|---------
HTML5       | Markup for structure
CSS3        | Styling and responsiveness
VS Code     | Code editing
Google Fonts | Typography
```

## 5. Screenshots of the Website

**My Courses This Semester**



| BIT 414 | BIT 402 | BIT 406 | BIT 408 |
|---------|---------|---------|---------|
| Mini Project 1 | Computer Networks | Database Systems | Web Development |

## Calendar of Activities (2025)

| Month | Activity |
|-------|----------|
| August | Complete Mini Project |

**Photo Gallery**



## Documents

Certificate 1   Certificate 2   Certificate 3

**Contact Me**

**Name:**

**Subject:**

**Email:**

**Phone:**

**Message:**

Submit   Reset

## 6. Challenges Encountered

- Adjusting the layout for references so that all referee cards displayed in one horizontal line.
- Ensuring that the gallery had exactly 10 images, as required by the assignment.
- Balancing responsiveness and appearance across both desktop and mobile views.
- Creating a smooth image slider without using JavaScript or frameworks.

## 7. Conclusion

The project successfully achieved its objectives. The website is visually appealing, responsive, and demonstrates the ability to build a structured personal profile using only HTML and CSS.

This mini project enhanced my skills in front-end design and gave me confidence in creating structured and professional-looking web pages from scratch.

## 8. Recommendations

- Future improvements can include adding JavaScript interactivity such as form validation and dynamic animations.
- Deploy the website online using GitHub Pages or Netlify for accessibility.
- Expand the gallery and documents section to include more professional materials.

Submitted by:

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