

# AFK Engineers – Website Development Project Report

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## Project Overview

This project was developed as part of the *Software Engineering Foundation* coursework. Our task was to create a professional, multi-page website demonstrating effective **team collaboration, consistent design, and organized content**.

The website contains **three main linked pages** — *Home*, *About*, and *Services* — all following a shared layout and design theme.

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## Website Description

The **AFK Engineers** website showcases a fictional software development team. It provides an overview of our group, the services we offer, and information about each member's expertise.

Each page features:

- A navigation bar linking all pages
  - A consistent blue and white color scheme (#0078D7, white, light gray)
  - A clean card layout presenting team details and services
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## Team Contributions

Member Name	Student ID	Role	Contribution
Ndame Sepete	2410559	Frontend Developer / CSS Designer	Designed the overall website style and structure. Created and managed the main <code>style.css</code> file, ensuring consistent design across all pages.
Martin Muloshi	2410009	Backend Developer	Developed the <i>About Page</i> content and structure, presenting team information and roles.
Alintula Silwimba	2410030	UI/UX Designer / CSS Designer	Collaborated on website styling and layout improvements, refining the user interface and ensuring responsive design.
Gabriel Mwila	2410234	Quality Assurance / Web Developer	Developed the <i>Services Page</i> and reviewed all pages for consistency, link functionality, and visual quality.

Member Name	Student ID	Role	Contribution
Moses Phiri	2410103	Project Manager / Web Developer	Created the <i>Home Page</i> , organized content flow, and coordinated the team's contributions.

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## Technologies Used

- **HTML5** – for content structure
- **CSS3** – for design, color, and layout styling
- **GitHub** – for version control and team collaboration
- **Visual Studio Code** – for coding and file management
- **Browser Testing Tools** – for testing responsiveness

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## Challenges and Solutions

Challenge	Solution
Maintaining consistent design across multiple pages	Created a shared <code>style.css</code> file used by all pages.
Link management between pages	Used relative paths (e.g., <code>href="about.html"</code> ) and tested each navigation link.
CSS layout issues during testing	Adjusted padding, flexbox layout, and margins for a balanced visual design.
Team collaboration and merging changes	Used GitHub branches and pull requests for conflict-free updates.

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## Conclusion

The **AFK Engineers** team successfully developed a three-page website that demonstrates effective collaboration, version control, and professional web design practices. The final website meets all specified requirements — it is well-organized, visually appealing, easy to navigate, and represents teamwork excellence.

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### Submitted by:

AFK Engineers Team

Software Engineering Foundation – Website Development Project

**Date:** 22 October 2025