**PHLOID RIKHOTSO ST10465430**

**WEDE 5020**

**WEBSITE PROPOSAL PART 2**

# Updated Website Proposal – Improvements Implemented

Following the initial website proposal, several enhancements have been implemented to improve functionality, consistency, and user experience across all pages of the Vulambya Engineering Services website. The key improvements are outlined below:

## 1. Navigation & Responsiveness

* A responsive navigation bar has been added with a hamburger menu for mobile devices.
* Active page highlighting ensures users can easily identify the page they are on.
* Consistent navigation links across all pages improve usability.

## 2. External CSS Integration

* All styling has been consolidated into external CSS files, replacing inline styles.
* This ensures cleaner code, easier updates, and consistent styling across pages.

## 3. Header & Footer Standardization

* The company logo is now consistently placed in the header on all pages.
* A uniform footer design has been applied, containing copyright information.

## 4. Page-Specific Enhancements

* Home Page: Improved layout with a welcoming banner, structured 'What We Do' section, and cleaner design.
* Products & Services Page: Services and products separated into well-structured lists for readability.
* News & Updates Page: Includes styled images and updated section formatting for better presentation of company updates.
* Contact Us Page: Enhanced with Google Maps integration, contact details, and opening hours, offering users multiple ways to connect.

## 5. Visual & Branding Improvements

* Images styled with borders, margins, and consistent sizing using CSS classes.
* Use of brand colors (skyblue headers, dark blue highlights, white backgrounds) for a professional and cohesive identity.

## 6. Mobile Responsiveness

* Media queries ensure layouts adapt to smaller screens.
* Navigation collapses into a mobile-friendly menu.

## 7. Accessibility & Semantics

* Alt text applied to all images to enhance accessibility.
* Clear heading hierarchy (H1–H3) improves readability and search engine optimization.

These improvements ensure that the Vulambya Engineering Services website is more professional, consistent, and user-friendly, aligning with modern web standards and providing a strong digital presence.

**Referencing**

1. Mozilla Developer Network (MDN). (2024). Responsive design basics. Available at: https://developer.mozilla.org/ [Accessed 18 Sept. 2025].
2. World Wide Web Consortium (W3C). (2024). Web Content Accessibility Guidelines (WCAG) 2.1. Available at: <https://www.w3.org/WAI/> [Accessed 18 Sept. 2025].
3. Unsplash. (2025). Free stock photos of welding and engineering. Available at: https://unsplash.com/ [Accessed 18 Sept. 2025].
4. Pexels. (2025). Free engineering and fabrication photos. Available at: https://www.pexels.com/ [Accessed 18 Sept. 2025].
5. Pixabay. (2025). Free industrial and engineering images. Available at: https://pixabay.com/ [Accessed 18 Sept. 2025].