**KARABO MATHETA**  
**ST10347565**  
**Web Development**  
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**Part 1**

**Research**

**Who is the website for?**

The NLV Studios website is designed for **musicians, producers, DJs, and audio engineers** who are serious about studio-quality sound. It also caters to **beginners, hobbyists, and professionals** who are looking for reliable equipment to improve their music production. Both individual creators and commercial studios can benefit from the platform.

**What is the purpose of the website?**

The main purpose of the NLV Studios website is to provide a **user-friendly online storefront** for studio equipment. It allows users to explore, compare, and purchase high-quality gear while also educating them with product information, tutorials, and recommendations. The website focuses on offering **affordable, curated, and professional-grade gear** to help users build their ideal studio setup.

**Where can the website be accessed?**

The website will be accessible **globally**, with a special focus on users in **South Africa and nearby regions**. It is optimized for **desktop, tablet, and mobile devices**, making it easy to use anywhere.

* **Launch date**: Planned for late 2025
* **Updates**: Regular updates will include new products, promotions, and improvements from user feedback.

**Why was the website created?**

NLV Studios was created to **fill a gap in the market** for a modern, reliable, and visually appealing online store for studio gear. Many existing platforms are either outdated or do not focus on the unique needs of music creators. This project aims to give users a better alternative by combining **style, functionality, and expert curation**.

**How does the website work?**

The website will be built using **HTML, CSS, and JavaScript**, with possible backend support from **Django or Node.js**. It will include:

* **Responsive design** for all devices
* **Fast loading pages**
* **Secure checkout** and payment methods
* **Product categories & filters** (e.g., microphones, mixers, headphones)
* **Search function** for easy navigation
* **Account management** for users
* **Contact & support options**

**Website Pages & Content**

1. **Homepage**
   * Features a bold header, search bar, and navigation menu
   * Displays featured promotional banners, and a small image of NLV Studios
2. **About Page**
   * Shares the story of NLV Studios, including its mission and values
   * Includes details about the team and achievements
3. **Contact Page**
   * Contact form for inquiries
   * Phone and email details
   * Physical address and business hours
   * FAQ section for quick help
4. **Shop Now Page**
   * Displays all studio equipment available
   * Users can filter by category, brand, or price
   * Each product has detailed specs, images, and an **Add to Cart** button

**Part 2**

 **External CSS Applied**: All embedded styling was successfully moved to an external stylesheet (CSS/style.css) and linked to each HTML page for cleaner structure and rubric alignment.

 **Layout and Branding Styled**: The site’s layout was styled using Flexbox and Grid for modern structure. Branding colours, fonts, and spacing were applied to reflect NLV Studios’ mythic identity.

 **Typography Enhanced**: Google Fonts (Roboto and Poppins) were imported and applied across headings and body text to improve readability and visual hierarchy.

 **Navigation Styled**: The navigation menu was styled with spacing, hover effects, and bold typography to ensure clarity and consistency across all pages.

 **Product Grid Designed**: The products.html page features a responsive product grid with hover animations, pricing highlights, and styled buttons to simulate a functional storefront.

 **Responsive Design Implemented**: Media queries were added to ensure the site adapts across devices, including mobile and tablet screens.

 **Accessibility Improved**: Semantic tags, alt attributes, and consistent contrast were used to enhance accessibility and meet rubric standards.

 **Visual Consistency Maintained**: All pages share a unified colour scheme, layout spacing, and font styling to ensure a cohesive user experience.

 **README.md Updated**: The documentation file was updated to reflect Part 2 changes, including styling notes, font import

**Part 1 improvements**

 **Proposal Completed**: One proposal was written and formatted correctly using Aptos font, size 11, and 1.5 line spacing. It includes a cover page, table of contents, headings, and Harvard-style references.

 **Sitemap Added**: A clear sitemap diagram was created and included in the proposal to show website structure and navigation flow.

 **Folder Structure Rebuilt**: The project folder was reorganized with clear naming and subfolders for CSS, images, and optional js.

 **HTML Pages Created**: Five HTML pages were built — index.html, about.html,.html, enquiry.html, and contact.html — each with semantic structure and consistent layout.

 **Semantic Tags Used**: HTML5 semantic tags (<header>, <nav>, <main>, <footer>) were applied across all pages to improve accessibility and SEO.

 **HTML Comments Added**: Comments were inserted throughout the HTML files to explain each section and demonstrate understanding of structure.

 **Navigation Implemented**: A functional navigation menu was created and tested across all pages for consistency and usability.

 **README.md File Added**: A Markdown documentation file was created to explain the folder structure, project progress, and next steps.

 **GitHub Repository Created**: All files were pushed to a private GitHub repository for version control and review.

 **Harvard References Included**: All external resources (fonts, icons, images, tutorials) were cited using Harvard referencing style.

I added a store map GPS on Contact.

**I restructured the project folder to eliminate ambiguity and align with best practices.**

**Created clear subfolders:**

NLV-Studios/

HTML/

├── index.html

├── about.html

├── products.html

├── enquiry.html

├── contact.html

├── CSS/

│ └── style.css

├── ASSETS/

│ └── logo.jpeg, product visuals, icons

└── README.md