

#### DIGITAL CONTENT MANAGEMENT SYSTEMS

Formative Assessment 2



APRIL 10, 2024
NADINE NAUDE
20230395

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#### Phase 1: Planning

#### Project Overview

#### **Summary**

The purpose of this online portfolio is to create a professional platform where I can showcase my skills, projects, and achievements in web development and multimedia. The portfolio will serve as a digital résumé, enabling potential employers, clients, and collaborators to easily explore my work and understand my capabilities.

#### The primary target audience for this portfolio includes:

Potential employers in the IT and digital content management sectors looking for individuals with skills in web design, development, and multimedia.

Clients who may seek freelance or project-based work in creating or maintaining websites and multimedia applications.

Collaborators or peers interested in exploring my technical and creative abilities for potential partnerships.

#### The main objectives of this project are:

To present my work in an organized and visually appealing manner, highlighting my technical skills in WordPress, multimedia integration, and scripting.

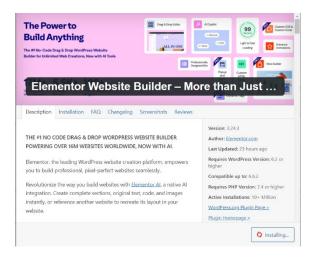
To build an online portfolio that aligns with industry standards and showcases my expertise in creating web-based applications.

To demonstrate my ability to design and implement a fully functional, responsive, and well-structured website, making it accessible on multiple devices and platforms.

#### **Tools and Technologies**

#### **Elementor**

I used the Elementor plugin in my WordPress project to easily create custom pages and layouts without any coding. Its drag-and-drop interface made it simple to design sections exactly how I wanted, using pre-designed templates and widgets to speed up the process. I was able to fully customize the headers, footers, and forms, ensuring the site looked professional and was responsive across all devices.



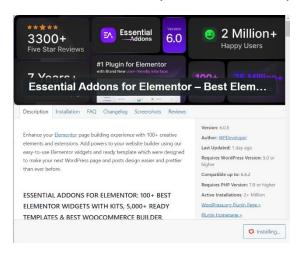
#### **WPForms Lite**

I used WPForms Lite in my WordPress project to create user-friendly contact forms quickly. Its drag-and-drop form builder allowed me to design forms without needing any coding knowledge. I could easily add fields, set up notifications, and ensure the forms were mobile-responsive. WPForms Lite also integrates smoothly with WordPress, making it simple to manage and customize the forms from within the dashboard.



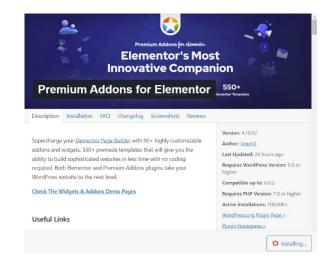
#### **Essential Addons for Elementor**

I used Essential Addons for Elementor to enhance my WordPress site's functionality while working with Elementor. This plugin provided me with a wide range of additional widgets and design elements, like advanced post grids, interactive galleries, and pricing tables. It allowed me to add more creative features to my site without any extra coding.



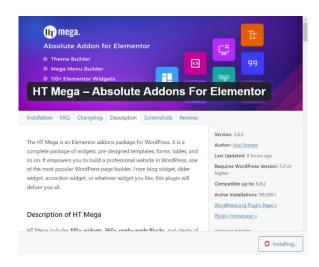
#### **Premium Addons for Elementor**

I used Premium Addons for Elementor in my WordPress project to expand the design possibilities with even more advanced features. This plugin provided additional widgets and sections like animated headings, dual buttons, and advanced image galleries that helped me enhance the visual appeal of my site. It worked seamlessly with Elementor's drag-and-drop builder, allowing me to easily integrate these elements into my pages.



#### HT Mega - Absolute Addons for Elementor.

I used HT Mega – Absolute Addons for Elementor to take my WordPress site design to the next level with its wide variety of elements and templates. This plugin offered me over 80 widgets, including advanced sliders, team showcases, and pricing tables, which helped me create highly interactive and visually appealing pages.



#### **Element Pack Lite - Addons for Elementor**

I used Element Pack Lite – Addons for Elementor to enhance my WordPress site with a variety of additional widgets and creative elements. The plugin provided me with features like image carousels, social media integration, and countdown timers, which helped me build engaging and dynamic pages.

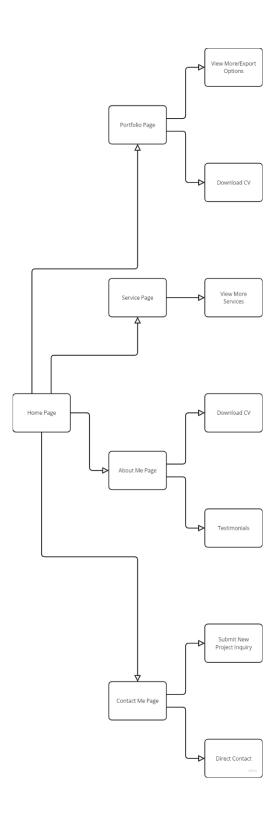


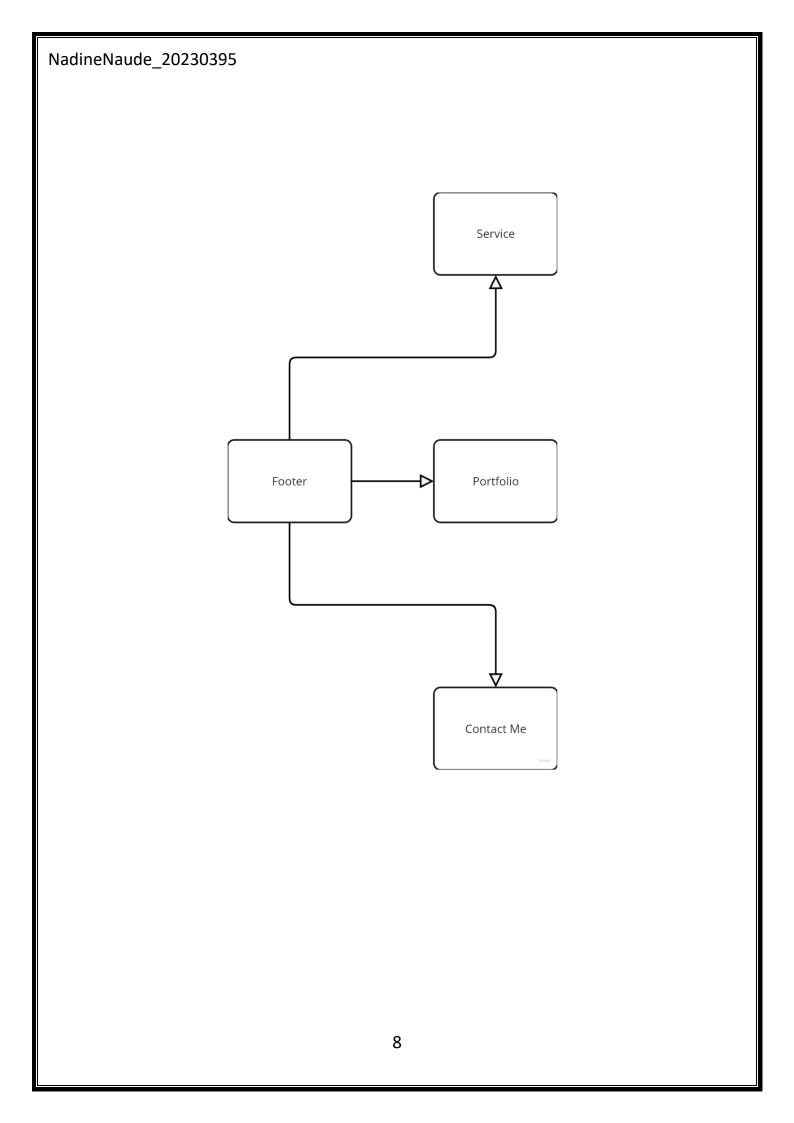
#### <u>Timeline</u>

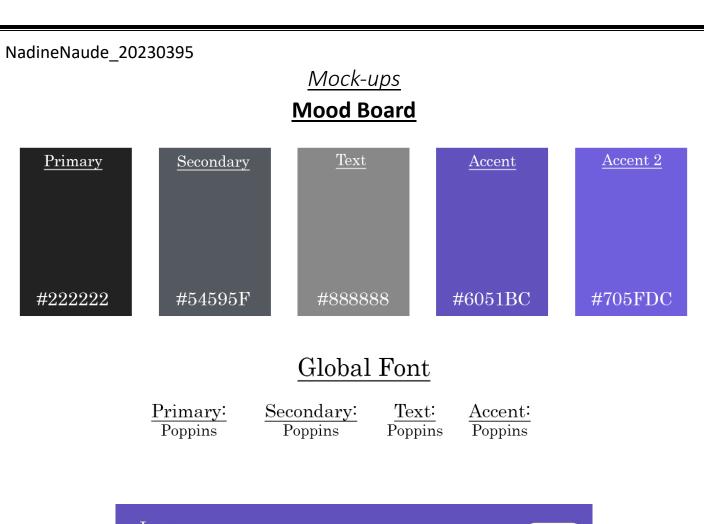
Milestone	Task Description	Deadline	Status
Week 1: Planning	<ul> <li>Review project brief and analyze requirements.</li> <li>Research WordPress functionalities, design trends, and multimedia integration.</li> <li>Create a project brief analysis document.</li> </ul>	09 Sep 2024	Finished
Week 2: Designing	<ul> <li>Develop storyboard and flow diagram outlining website structure.</li> <li>Create initial design mock-ups for homepage, portfolio pages, and other sections.</li> </ul>	16 Sep 2024	Finished
Week 3: Building	<ul> <li>Add content and media (text, images, videos) to the site.</li> <li>Implement scripts and SEO optimization.</li> </ul>	23 Sep 2024	Finished
Week 4: Testing and Publishing	<ul> <li>Conduct website testing (on different devices/browsers).</li> <li>Correct errors, gather peer reviews, and refine design.</li> <li>Finalize and publish portfolio on WordPress.</li> </ul>	02 Okt 2024	Finished
Final Submission	<ul> <li>Submit the completed project in a zipped folder (yourname_DCMS412_FA2.zip).</li> </ul>	04 Okt 2024	Finished

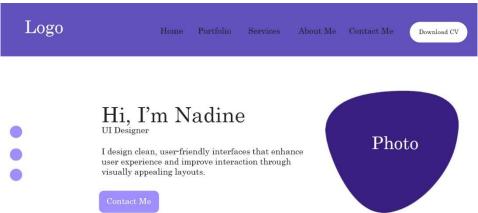
#### Phase 2: Designing

## Website Structure and Design Documentation Storyboard and Flow Diagram









#### **Home Page**

Home Page shows Navigation bar. Navigation bar shows the logo, navigation to relevant sites and the Download CV button. On the left side of the frame there will be social media icons added. The main text will include a heading, Script text and a button that says "Contact Me". The contact me button will take you to a external Contact me page. On the right will show a professional photo in a blob form that will be made using a mask function.

#### About Me

My Interduction



I'm a creative and detail-oriented designer with a passion for building intuitive, user-centered digital experiences.

14+
Year's Education
11+
Projects Completed
13+

Contact Me

#### **About Me**

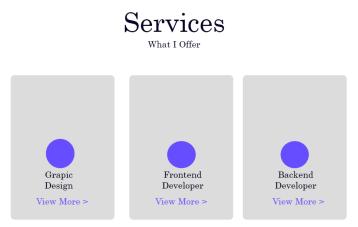
The about me page follows after the home page. The main title "About Me" and the sub title "My introduction". On the left of the site there will be a photo with a boxed purple background. On the right it will start with a paragraph and after a counter will show numbers and info. A button at the bottom that will lead to a contact page.



HTML	Python
CSS	Java
Javascript	sQL

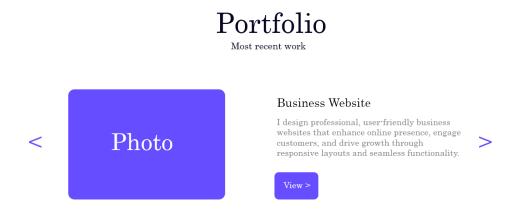
#### **Skills Page**

The skills page starts with a heading "Skills" and a sub heading "My technical Level". There will be two columns. On will be Frontend and the other will be Backend. The Frontend will have three sliders with three headings HTML, CSS and JavaScript. The Backend will also have three sliders with titles Python, Java and SQL.



#### **Service Page**

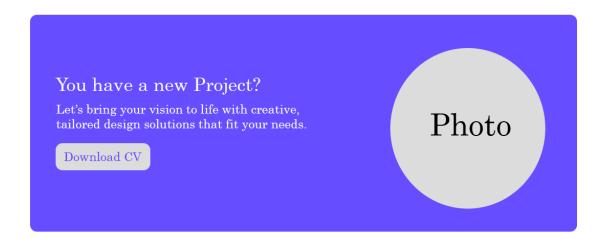
Services Page Will start with a Title "Services" and a sub-Title "What I Offer". Under the title there will be 3 columns. The columns will show a icon and a title that describes the columns and what it will hold. After there will be a view more button. The view more button will be linked to a pop up that will give a list of more information based on the topic.



#### Portfolio Page

Portfolio Page Will start with a Title "Portfolio" and a sub-Title "Most Recent Work". In the Portfolio page there will be a slider. The slider will hold a photo and on the left of the slider it will show a Title that will say what the slider is about. It will also give a brief description

and a View button. The button will let you download a preview of what is offered in a Zip folder.



This is just a extra bit to the website giving the viewer the option to again download CV in a Zip folder format. It will show a Photo and ask the viewer if they have a project they want done.

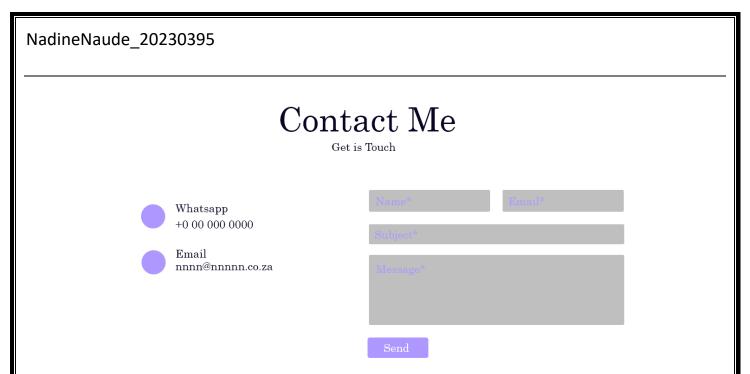
#### Testimonial

My client saying



#### **Testimonial Page**

The Testimonials Page will start with a title "Testimonial" and a Sub title "My client saying". It will show a slider. The slider will have columns in that is filled with client feedback. The columns will show the photo of the client and their name and surname. A rating out of five stars will be shown and then the feedback from the client. The slider will be rotating to show more than one at a time.



#### **Contact Me Page**

The Contact me page will show a Title "Contact Me" and a Sub title "Get in touch". On the left of the page there will be icons with relevant information like phone number and email. On the Right there will be a form that the viewer will be able to fill in and send.



#### **Footer**

The footer of the page will show last information. On the far left of the footer the logo will be shown again and a sub heading under the logo. In the middle of the footer there will be page links to take you to other pages (Almost same as in the header) And at the bottom a copyright to me the designer of the website. On the far right there will once again be Social Media Icons as in die Home page to take to Media Pages.

#### Phase 3: Building

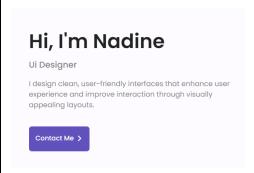
#### Content, Media, and Scripts

#### Text Content

#### **Home Page**

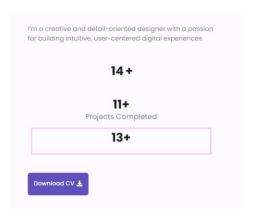
Hi, I'm Nadine Ui Designer

I design clean, user-friendly interfaces that enhance user experience and improve interaction through visually appealing layouts.



#### **About Me Page**

I'm a creative and detail-oriented designer with a passion for building intuitive, user-centered digital experiences.



#### **Skills Page**

Frontend Developer

More than 5 Years

Backend Developer

More than 2 Years

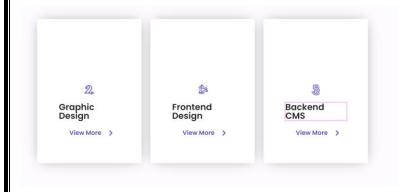


#### **Service Page**

Graphic <br > Design

Frontend <br > Design

Backend <br > CMS



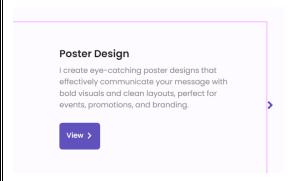
#### Pop Up from Service Page



#### **Portfolio Page**

#### **Rate Card**

I create sleek, professional rate card designs that clearly present your pricing and services, combining functionality with an attractive layout to make a lasting impression.



#### **Business Website**

I design professional, user-friendly business websites that enhance online presence, engage customers, and drive growth through responsive layouts and seamless functionality.

## Business Website I design professional, user-friendly business websites that enhance online presence, engage customers, and drive growth through responsive layouts and seamless functionality. View >

#### **Poster Design**

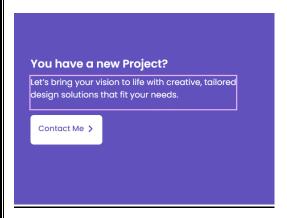
I create eye-catching poster designs that effectively communicate your message with bold visuals and clean layouts, perfect for events, promotions, and branding.

# Poster Design I create eye-catching poster designs that effectively communicate your message with bold visuals and clean layouts, perfect for events, promotions, and branding. View >

#### **New Project page**

You have a new Project?

Let's bring your vision to life with creative, tailored design solutions that fit your needs.



#### **Testimonial Page**

#### Emily Robertson

Incredible work! The business website designed was exactly what we needed—clean, professional, and easy to navigate. Couldn't be happier!

#### James Walker

The UI design exceeded expectations! Very intuitive and visually stunning. Our users love the new interface.

#### Sarah Nguyen

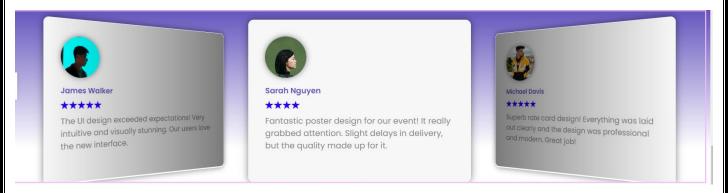
Fantastic poster design for our event! It really grabbed attention. Slight delays in delivery, but the quality made up for it.

#### Michael Davis

Superb rate card design! Everything was laid out clearly and the design was professional and modern. Great job!

#### NadineNaude\_20230395 Chloe Ramirez

Very happy with the business website. It looks amazing and functions smoothly across all devices. Minor adjustments were needed, but handled quickly.



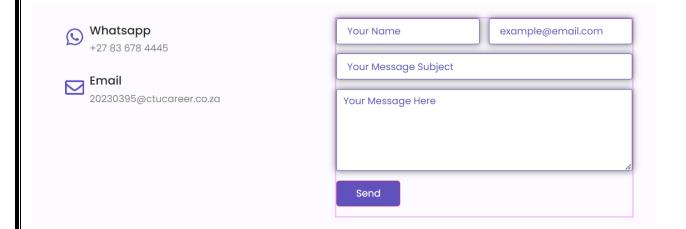
#### **Contact Me Page**

#### **Whatsapp**

+27 83 678 4445

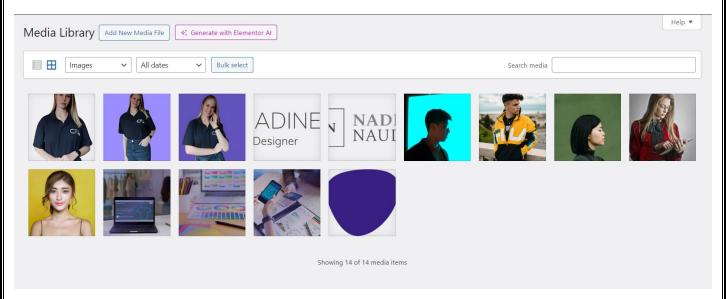
#### <u>Email</u>

#### 20230395@ctucareer.co.za



#### **Graphic Elements and Animations**

#### **Media Library**



<u>Photos 1-3:</u> These images are used as photos as me. They are mostly used to tell the visitor of the page what I look like and what to expect.

**Photo 4 & 5:** These Photos are the Logos I used in my website. Logo 4 is used in the Header section of the website at the top and Logo 5 is used in the footer at the bottom of the website.

<u>Photo's 6-10:</u> These are the photo's used for the slider of the Testimonials. They are the profile photos of the clients who give feedback.

<u>Photo's 11-13:</u> These three photos are used in the Portfolio page slider. They are the photos at the sides.

**Photo 14:** This is the Blob that is used in the Home page. It is used as a Mask for the Photo. It makes the photo appear in a blob, using the shape of the photo.

#### Alternative Text

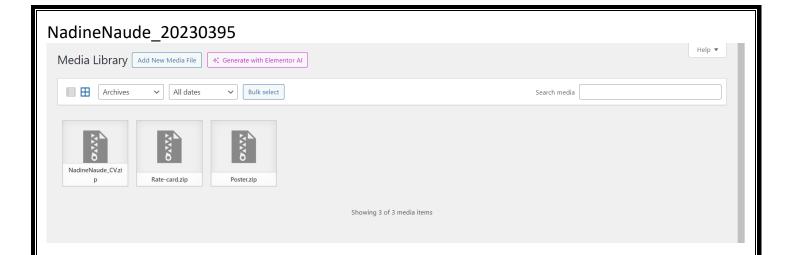
Photo 1: Photo used as Decoration In the Website

**Photo 2:** Photo used in the about us page to show what I look like like

**Photo 3:** Mian Home Page Intro Photo

**Photo 7:** Photo used as Decoration as a profile photo on the Testimonials Page

**Photo 10:** Photo used as Decoration as a profile photo on the Testimonials Page



#### There are Three Zip Folders connected to the website:

NadineNaude\_CV.zip

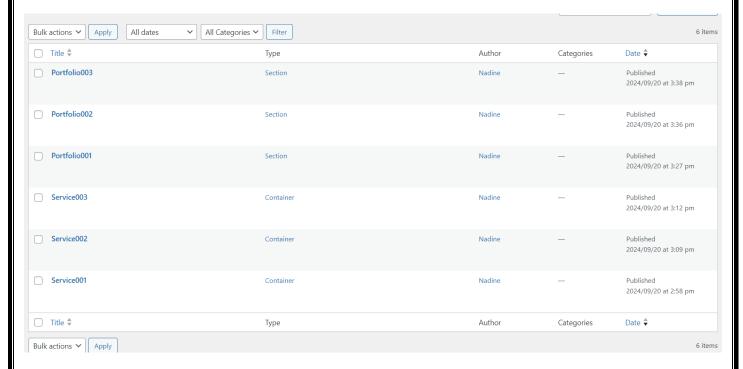
Rate Care.zip

Poster.zip

The NadineNaude\_CV.zip is connected tot the Download CV button on the website.

The Rate Poster.zip and the Poster.zip is connected to the View buttons on the Portfolio page.

#### <u>Library (Pop up & Portfolio Slider)</u>



<u>Service001 – 003:</u> These are the Pop ups Made for the "View More" buttons on the Service page. (These pages are made as Containers)

<u>Portfolio 001 – 003:</u> These are the Pages that are made to link to the slider on the Portfolio page. (These pages are made as Sections)

# NadineNaude\_20230395 Scripts and Custom Code Graphic <br > Design Frontend <br > Design Backend <br > CMS

I used the <br/>br> tag as custom code in my website.

I used it in the service page with the column titles. I wanted the titles to go over two lines instead of one line no matter what device they are shown on.

The <br/> (break) tag in HTML is used to insert a line break in text. It creates a new line without adding extra space between lines, like a paragraph tag does.

#### Phase 4: Testing

## Testing and Debugging Report <u>Test Cases</u>

#### **Test Case 1: Mobile Responsiveness**

Objective: Ensure the website functions correctly on mobile devices.

#### **Steps Taken:**

Open the website on various mobile devices

Check layout and formatting across different screen sizes

Test navigation menus to ensure they are accessible and functional.

**Expected Result:** The website is fully responsive on all devices (IOS and Android). The website worked well on all Mobile devices, it worked well no matter the screen size.

#### **Test Case 2: Button Functionality**

**Objective:** Verify that all buttons on the site perform their intended actions.

#### Steps:

Click on each button

Check for correct redirection and functionality

Observe any error messages or notifications.

**Expected Result:** All buttons performed as their intended actions without errors or any unexpected behaviour.

#### **Test Case 3: Browser Compatibility**

**Objective:** Check the website's functionality across different web browsers.

#### Steps:

Open the website in various browsers (e.g., Chrome, Firefox, Safari, Edge).

Test key features

**Expected Result:** The website displayed and functioned consistently across all tested browsers.

#### **Test Case 4: Load Performance**

**Objective:** Evaluate the website's loading speed and performance.

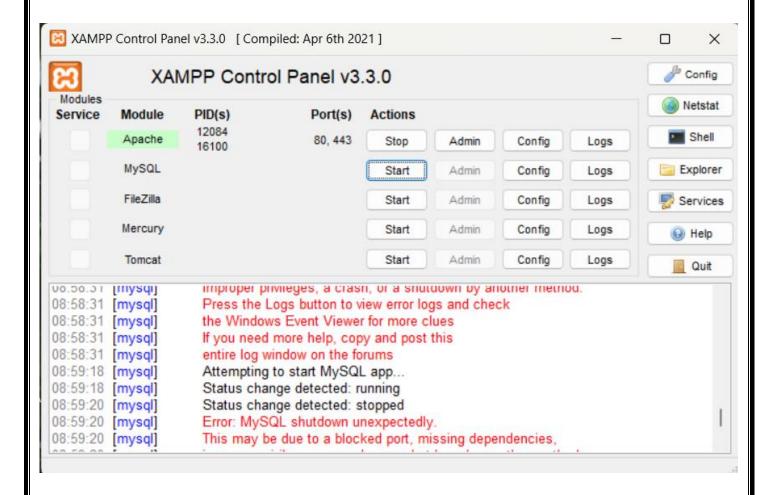
#### Steps:

Use performance testing tools (e.g., Google PageSpeed Insights) to analyse load times.

Monitor loading times for various pages, especially media-rich ones.

**Expected Result:** Pages loaded within an acceptable time frame of 3 seconds.

#### **Errors and Fixes**



<u>Problem:</u> MySQL did not want to run. I have tried changing Networks, restarting my laptop and looking for an Error.

<u>Fix:</u> I decided the best option I have is to delete Xampp and all its folders and re-install Xampp. It worked well and I have had no problems since.

NadineNaude_20230395			
	Error establishing a database connection		
Problem: WordPress cou problem but nothing was	old not connect to my database. I have tried to loss found.	ook for a fix to the	
	ould think of was to again uninstall Xampp and Noth Xampp, creating a Database and WordPress		
	26		

#### Self-Reflection on My Website Project

Developing my website for this project was an insightful journey, allowing me to combine creativity, technical skills, and problem-solving. Throughout the process, I learned valuable lessons and encountered challenges that helped me grow both as a web developer and a designer.

#### **Design Process and Choices**

My primary focus for the website was to create a visually appealing yet functional platform that reflects my personal brand. During the design phase, I spent significant time developing a clean and intuitive user interface. I opted for a minimalistic design to ensure easy navigation, with a focus on usability and user experience.

#### **Challenges and Solutions**

One of the main challenges I faced was integrating multimedia elements like images and animations while maintaining optimal website performance. Initially, I struggled with slow loading times due to high-resolution media files. To address this, I researched best practices for optimizing media and implemented techniques like compressing images and using lazy loading, which greatly improved site performance without sacrificing quality.

#### **Technical Implementation**

In terms of technical execution, I made use of WordPress due to its flexibility and scalability. I incorporated custom scripts for enhanced functionality, such as dynamic navigation and interactive elements, which were challenging at first but rewarding once implemented correctly. The use of custom CSS and JavaScript allowed me to tailor the website beyond basic template options, ensuring a unique look and feel.

#### **Peer Feedback and Refinement**

Throughout the development process, I actively sought feedback from peers, which proved to be extremely beneficial. Peers provided constructive suggestions regarding design flow and functionality, which led me to revisit some of my initial design decisions. For example, based on feedback, I restructured the navigation menu to be more intuitive and reworked the portfolio section to highlight key projects more effectively.

#### **Lessons Learned**

This project taught me the importance of balancing design aesthetics with technical functionality. I learned to approach web development with a user-centric mindset, prioritizing accessibility and usability. Additionally, the experience of debugging and optimizing code has sharpened my technical skills, especially in terms of writing clean, efficient code.

#### **Final Thoughts**

Overall, this project has been a rewarding experience. I am proud of the final result as it not only showcases my skills but also represents my personal brand effectively. The website is a culmination of my creativity, technical growth, and responsiveness to feedback. Moving forward, I will continue to refine and improve my skills, ensuring that my future projects are even more robust and user-friendly.

#### **Bibliography**

#### **How to Create FREE Modal Popups [WITHOUT Elementor Pro]**

https://www.youtube.com/watch?v=j29a3vaIBDE

#### **Testimonial Slider - Review Card Carousel FREE Elementor**

https://www.google.com/search?q=Free+review+slider+in+elementor&gs\_ivs=1#fpstate=iv e&vld=cid:76471c6b,vid:Z\_s5mSM1neM,st:0

#### How to Add Links in WordPress Posts and Pages, Buttons, Images, and Widgets

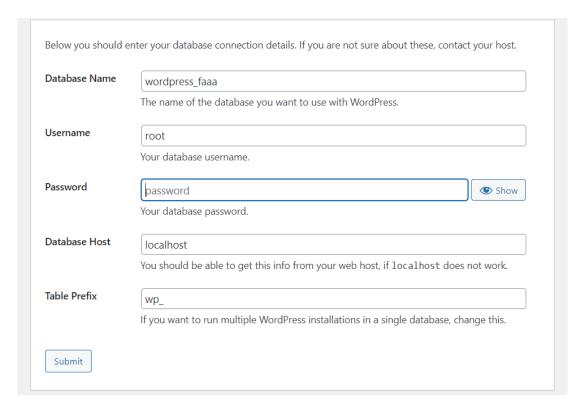
https://www.hostinger.com/tutorials/how-to-add-links-wordpress

#### **Free Profile Picture Photos**

https://www.pexels.com/search/profile%20picture/

#### Website Info

#### Database:



#### WordPress:

Site Title: Nadine's Portfolio

**WordPress Name:** Nadine

Password: NadineN@2024

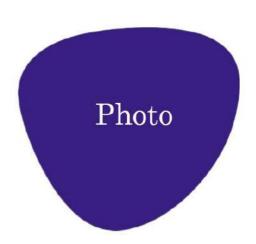
## **Laptop Wire Frames**

#### Hi, I'm Nadine

UI Designer

I design clean, user-friendly interfaces that enhance user experience and improve interaction through visually appealing layouts.

Contact Me



#### About Me

My Interduction

Photo

I'm a creative and detail-oriented designer with a passion for building intuitive, user-centered digital experiences.

14 +

Year's Education

11 +

Projects Completed

13+

satisfied clients

Contact Me

## Skills My Technical Level

$\begin{array}{c} \textbf{Frontend Developer} \\ \textbf{\tiny More than 5 years} \end{array}$	3/5 /3 0
HTML	Python
CSS	Java
Javascript	sqL

### Services

What I Offer







#### Portfolio

Most recent work



#### Business Website

I design professional, user-friendly business websites that enhance online presence, engage customers, and drive growth through responsive layouts and seamless functionality.





### **Testimonial**

My client saying







### Contact Me

Get is Touch

Whatsapp +0 00 000 0000

Email nnnn@nnnnn.co.za Name\*

Subject\*

Message\*

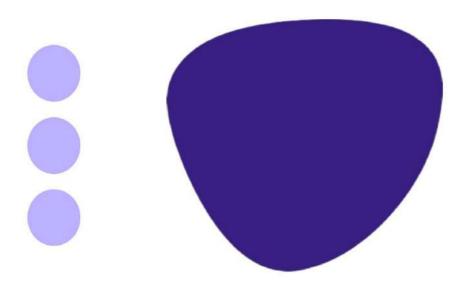
Logo UI Designer

Services Portfolio Contact

@ Copyright by Nadine Naude 2024



## **Mobile Wire Frames**



## Hi, I'm Nadine

#### Ui Designer

I design clean, user-friendly interfaces that enhance user experience and improve interaction through visually appealing layouts.

Contact Me >

#### About Me

My Introduction



I'm a creative and detail-oriented designer with a passion for building intuitive, user-centered digital experiences.

14+ Year's Experince

11+
Projects Completed

13+ Satisfied Clients

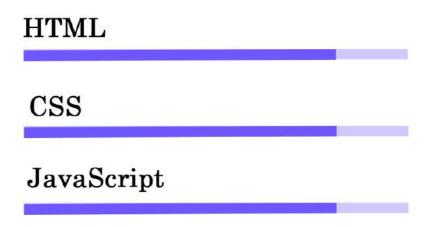
Download CV

## Skills

My Technical Level

#### Frontend Developer

More Than 5 Years



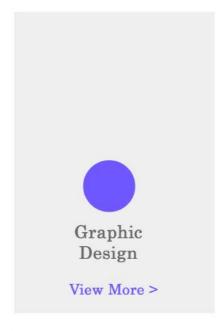
#### **Backend Developer**

More Than 2 Years

Python		
Java		
$\operatorname{SQL}$		

#### Services

What I offer







## Portfolio

Most recent Work



#### **Businss Website**

I design professional, user-friendly business websites that enhance online presence, engage customers, and drive growth through responsive layouts and seamless functionality.

View >

# You have a New Project?

Let's bring your vision to life with creative, tailored design solutions that fit your needs.

Contact Me >

## **Testimonial**

My Client Saying



#### Contact Me

Get in Touch





Email nnnnn@nnnnnn.co.za

Name & Surname\*

Email\*

Subject\*

Message\*

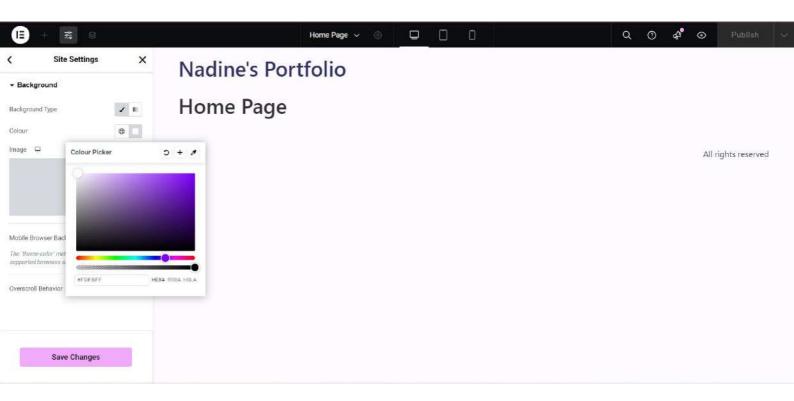
Send

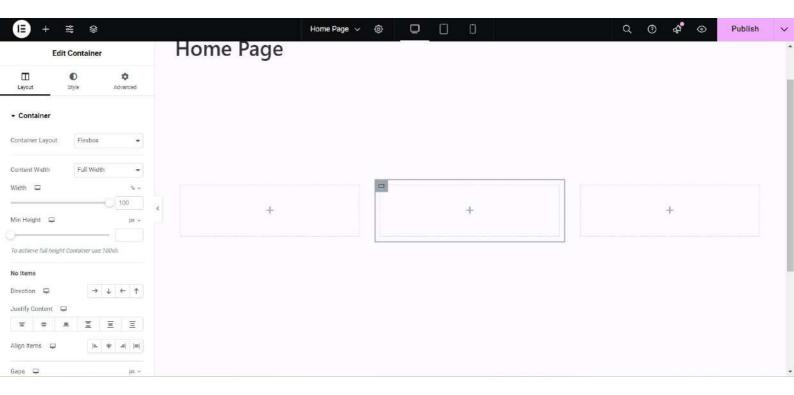
## Logo Ui Designer



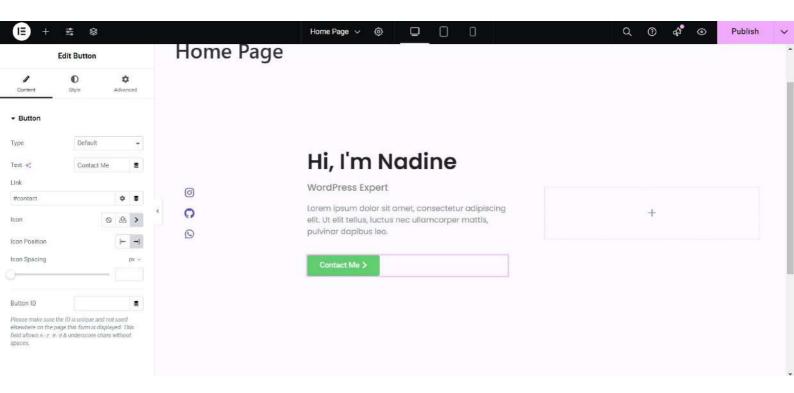
Service Portfolio Contact Me

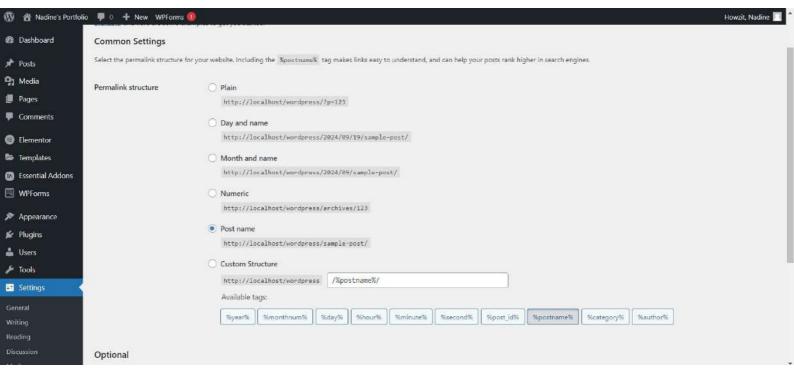
@Copyright by Nadine Naude 2024

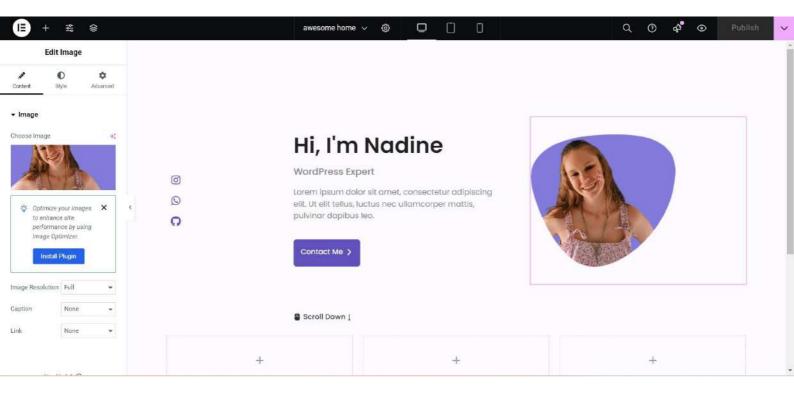


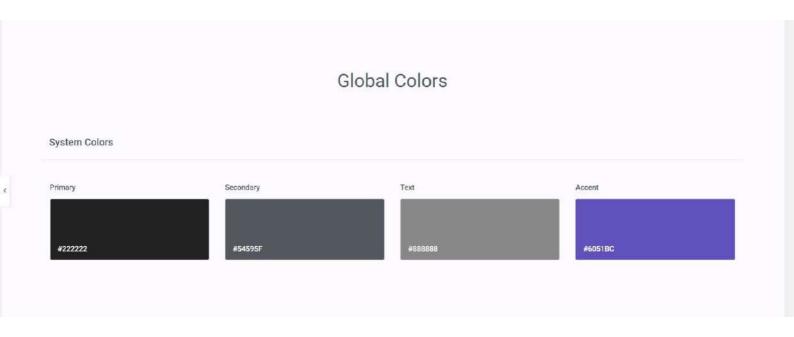


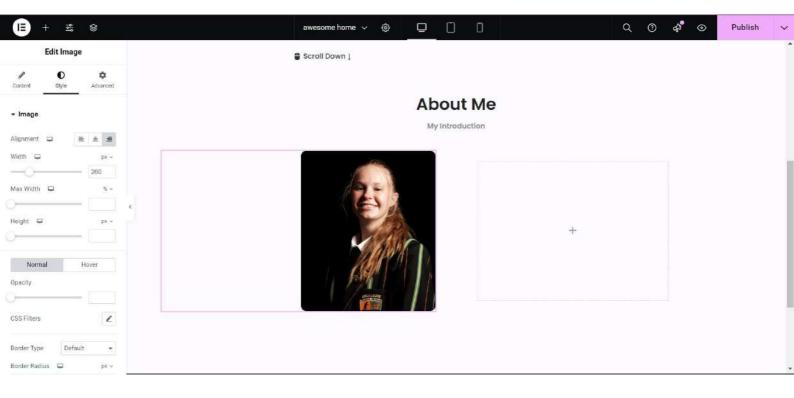
















Years <br/>
br>experience



Title HTML Tag

div



