Portfolio Website Prototype

Introduction

As a first step toward developing the real website, this document describes the steps I took to design the prototype for my personal portfolio website. It consists of an in-depth description of the approach I used to create and implement the prototype, ensuring a strong basis for the final website.
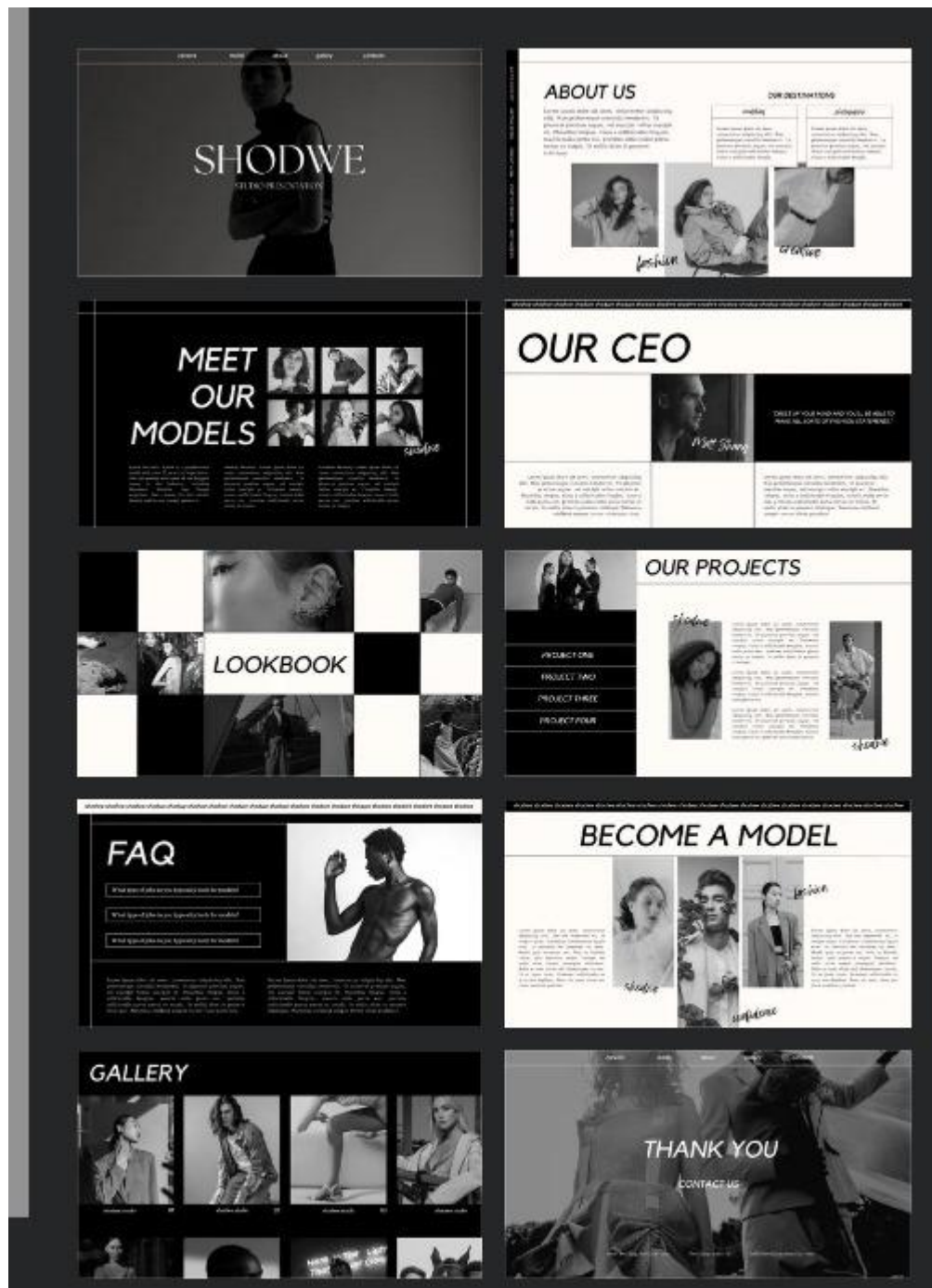
Having a personal portfolio website is crucial for showcasing skills, professionalism, and knowledge. It also gives you control over your personal online image and creates new avenues for networking and career growth.

Creating a personal portfolio website is a great way to showcase my skills and projects in a more engaging and interactive manner than a traditional document. This website will allow visitors to easily navigate through my work and view dynamic content, which improves their experience in general.

Initial Planning

I've already considered my initial brainstorming phase and decided to upgrade my previous portfolio website. While browsing through various templates, I found some inspiring designs that will guide me in developing the new version. I've chosen to primarily use black and white for the color scheme. This choice complements the aesthetic I'm aiming for, creating a sleek and modern look while maintaining a professional appearance. Additionally, the simplicity of black and white helps to focus attention on the content and highlights my work effectively. I'm excited to see how these elements will come together to

create a portfolio that truly represents my style and skills.

These are some of the other templates that I took inspiration from.

Target Audience

1. University Faculty and Staff:

- **Profile:** Professors, academic advisors, and administrative staff within the university.
- **Needs:** Access to my academic achievements, projects, and skills relevant to my field of study. Clear communication of my career goals and aspirations.

2. Potential Internship Providers:

- **Profile:** Companies offering internships related to my area of study.
- **Needs:** Evidence of my academic performance, skills, and projects. A professional presentation of my portfolio to stand out among other applicants.

3. Classmates and Peers:

- **Profile:** Fellow students in my program or related fields.
- **Needs:** Insights into my academic and extracurricular activities, as well as opportunities for collaboration and networking.

4. Prospective Employers:

- **Profile:** Companies in my industry are looking to hire recent graduates or interns.
- **Needs:** A comprehensive overview of my academic background, skills, and projects. Evidence of my potential value as a future employee or intern.

5. General Audience:

- **Profile:** Anyone interested in my work, including friends, family, and potential followers.
- **Needs:** An accessible overview of who I am and what I do, presented in an engaging and visually appealing manner.

Key Features

1. Home Page:

- **Introduction:** A brief introduction about my journey and goals I have for the future.
- **Navigation Bar:** Easy access to key sections of the site, such as Home page, Projects, Others and Contact Information.

2. Projects:

- **Group Projects:** Showcase of the group projects and my participation in these, including research papers, presentations, and other group projects.
- **Personal Projects:** Showcase of some other projects I have done to practice my skills more.

4. Skills and Achievements:

- **Technical Skills:** A list of technical skills relevant to my field of study.
- **Academic Achievements:** Recognition of any awards, scholarships, or honors received during my university studies.

8. Contact:

- **Professional Email:** Direct email contact using my professional email address.
- **Social Media Links:** Links to professional social media profiles such as GIT, WhatsApp and Instagram.

9. Design Elements:

- **Typography:** Clean and modern fonts for readability and style.
- **Imagery:** Adding images and other visuals that complement the text and enhances the visual appeal.
- **Colors Scheme:** Predominantly black and white to maintain a sleek and professional look.
- **Clean Layout:** A well-organized and visually appealing layout that reflects professionalism and attention to detail.
- **Accessible Content:** Content structured in a way that is easy to navigate and understand, catering to the needs of various stakeholders.
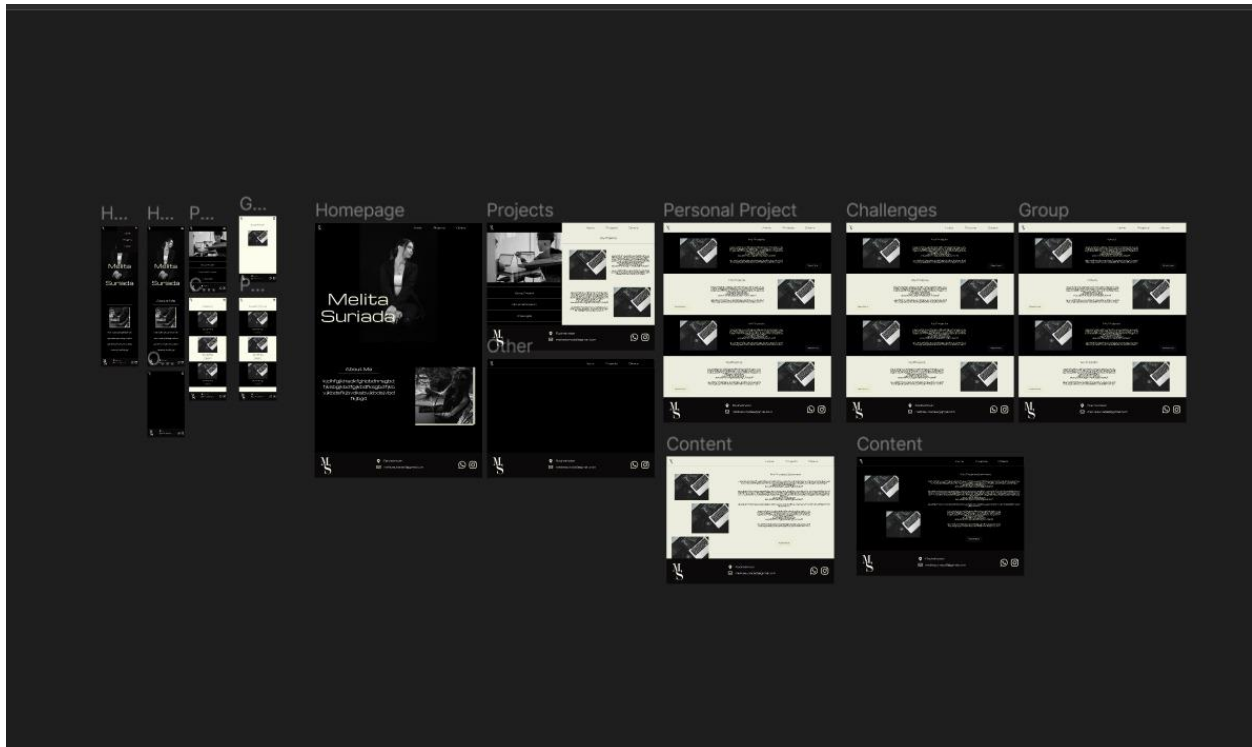
Design Phase

Wireframing

Since I have my previous portfolio that I choose to base this one on I started off with the basic three pages which are the home page, projects and others. After figuring out how I wanted the website to look like I started with combining and implementing the other necessary components to help with displaying my work and figuring out more about the placements and similar things.

Mockups

Finishing up with the wireframe, I transformed most of the pages to the desired look changing the colors, fonts adding the images, putting everything in place and most of

Development Phase

Frontend Development

Transitioning from the prototype to the actual website was a bit of a struggle since I haven't really practiced coding in a while but after doing some more research during the process I was reminded of most of the things that I have learned as well as learning a few new things about styling and JavaScript. Using Visual Studio and Figma has helped with this as well, making it a smoother experience.

Some challenges I faced

Deployment

Deploying the website we were assigned to use FileZilla, having to work with it before it was easier for me to finalize and host the website. Making sure everything was in place and all of the content were in the right files.

Maintenance

Maintaining the website post-deployment I will be adding my passion project, hopefully making the website responsive for mobile devices as well since I did not have the time to

do that just yet, and regularly updating my work of any project or challenges I will be doing, hopefully creating a portfolio I will use in the long run.

Conclusion

Working on my personal portfolio website prototype has been a rewarding experience. The project allowed me to create a professional and comprehensive online presence that showcases my skills, projects, and achievements. The black and white color scheme, clean layout, and thoughtful design elements ensure the website meets the needs of its diverse audience, from university faculty to potential employers.

Summary of the Project's Success:

The project met its goals by:

1. Showcasing Skills and Projects: Effectively highlighting my academic and personal projects, technical skills, and achievements.

2. Professional Presentation: Using a black and white color scheme with modern typography and a clean layout to create a professional look.

3. Target Audience Engagement: Addressing the needs of various stakeholders, including university faculty, potential internship providers, classmates, prospective employers, and the general audience.

Reflection on Lessons Learned and Areas for Improvement

- Technical Skills: Revisiting coding skills and learning new styling and JavaScript techniques underscored the importance of continuous learning and staying current with technology.

- Design Considerations: Wireframing and creating mockups were crucial for visualizing the final product, ensuring the design aligned with my initial vision.

- Challenges in Deployment: Using FileZilla for deployment was relatively smooth, but ensuring all files were correctly placed highlighted the need for attention to detail.

- Responsiveness: Making the website mobile-friendly is a key area for future improvement, as it is essential for accessibility and user experience.