

COS10026

Computing Technology Inquiry Project

DEVELOP AN SIMPLE STATIC WEB SITE

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Introduction:

*Welcome to **Swin-Tech**, an innovative and dynamic platform meticulously crafted to serve as a catalyst for burgeoning careers by seamlessly connecting innovation with a plethora of opportunities. At Swin-Tech, we are committed to fostering a nurturing environment where talent meets technology and ambition meets achievement.*

Our website serves as a gateway into the world of Swin-Tech, where we don't just envision the future; we actively shape it. We understand the paramount importance of innovation in today's fast-paced technological landscape. It's not just about finding a job; it's about embracing a journey that propels you towards a future intertwined with advancements and creativity.

Object Of the Report:

The overarching goal of this detailed and thorough report is to meticulously document and illuminate the various facets of the Swin-Tech website. Our aim is to provide an expansive view and a deep understanding of the inception, construction, and evolution of this web platform. By doing so, we endeavor to present a comprehensive and insightful view into the purpose, the technical intricacies, the design nuances, the standout features, and, significantly, the invaluable contributions made by various team members in bringing this vision to life.

Delving into the Purpose

At the core of this report is an investigation, into the driving force behind Swin Techs presence. The website goes beyond being a front—it embodies the true nature, values and aspirations of Swin Tech. It serves as a gateway that aims to unlock career opportunities by connecting innovation with a range of professional paths. The platform not showcases what the company has

to offer. Also seeks to inspire and engage visitors sparking their interest in joining a forward thinking and innovative organization.

Unpacking Technical Aspects

The technical underpinnings of the Swin-Tech website form a critical aspect of this exploration. Understanding the choice of technologies, the architecture, and the intricacies of HTML and CSS markups employed is pivotal. This entails a deep dive into how the website was constructed from a technical standpoint, elucidating the decisions made and the rationale behind them.

Decoding Design Elements

The design of a website is like its personality—it's what visitors interact with and remember. In this report, we will peel back the layers of Swin-Tech's design choices. The color schemes, typography, layout, user interface elements, and the overall aesthetic are dissected to comprehend how they collectively create a visually appealing and cohesive digital environment.

Spotlight on Key Features

The Swin-Tech website is more than an online brochure. It is a portal with distinctive features that set it apart. These features are not just functional aspects; they embody the innovative spirit of Swin-Tech. We will meticulously shine a light on these, elucidating how they enhance user experience and align with the company's ethos.

Recognizing Contributions

Last but certainly not least, this report seeks to acknowledge and celebrate the invaluable contributions made by the team involved in crafting the Swin-Tech website. It's a product of collaboration, expertise, creativity, and dedication. Each contributor has left an indelible mark, and this report aims to duly recognize and credit their efforts. In essence, this report is a multidimensional lens through which the Swin-Tech website is viewed. It goes beyond the digital realm, aiming to convey the heart, soul, and collective effort that have birthed this virtual manifestation of Swin-Tech's vision and values.

Outline Of the Report:

1. Introduction:
 - Website introduction
 - Objective of the Report
 - Outline of the Report's Structure
2. Website Content:
 - Purpose and Content of Each Page

- Technical Details on HTML Markup
- Sitemap
- 3. Website Style:
 - Presentation of the Website
 - Technical Details on CSS Markup
 - Screenshots Displaying Design/User Interface
- 4. Key Features:
 - Highlighting Innovative Website Features
 - Descriptions of Enhancements
- 5. Contributions:
 - List and Discussion of Main Contributions
- 6. Conclusion:
 - Summary of the Report
 - Recommendations for Future Improvements
- 7. References:
 - List of Reference Materials
- 8. Appendix:
 - Additional Supporting Information

Website Content:

Purpose and Content of Each Page:

- **Home Page:** The Home Page serves as the digital doorstep to the Swin-Tech experience. It encapsulates the very essence of Swin-Tech, presenting a vivid overview of the company's mission, values, and aspirations. It acts as a compelling introduction, inviting visitors to delve deeper into what Swin-Tech stands for. The mission is clearly stated, emphasizing how the company is at the forefront of innovation and career catalysis. Additionally, it prompts visitors to take action and apply, turning their interest into a potential opportunity. The Home Page, thus, sets the tone for the entire website—a perfect blend of vision, interactivity, and engagement.
- **Apply Page:** The Home Page serves as the digital doorstep to the Swin-Tech experience. It encapsulates the very essence of Swin-Tech, presenting a vivid overview of the company's mission, values, and aspirations. It acts as a compelling introduction, inviting visitors to delve deeper into what Swin-Tech stands for. The

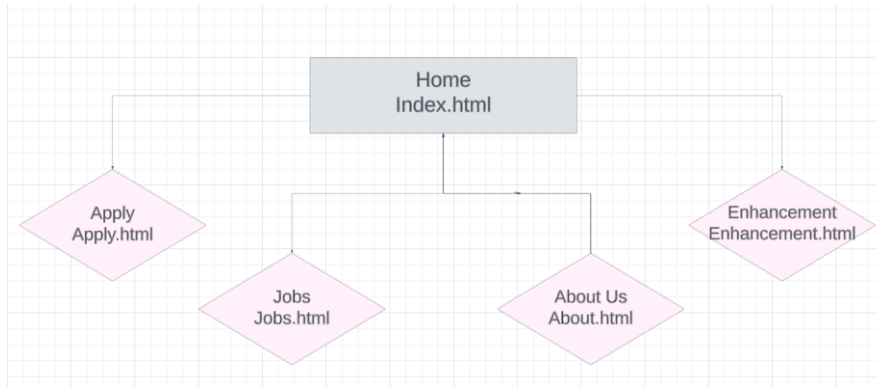
mission is clearly stated, emphasizing how the company is at the forefront of innovation and career catalysis. Additionally, it prompts visitors to take action and apply, turning their interest into a potential opportunity. The Home Page, thus, sets the tone for the entire website—a perfect blend of vision, interactivity, and engagement.

- **About Us Page:** The About Us Page offers a deeper understanding of Swin-Tech. It goes beyond the superficial, providing visitors with historical insights, values that form the company's core, and an understanding of the organizational culture. By narrating the company's history and values, this page humanizes Swin-Tech, making it relatable to prospective candidates and stakeholders. It allows individuals to align their personal values and aspirations with those of Swin-Tech, potentially fostering a stronger connection and desire to be a part of the organization.
- **Jobs Page:** The Jobs Page is a comprehensive directory of available job opportunities at Swin-Tech. Each job listing is detailed, offering insights into the roles, responsibilities, qualifications, and benefits. By providing clear and detailed job descriptions, Swin-Tech aims to attract candidates who are genuinely interested and suitably qualified. The Jobs Page functions not just as a recruitment tool but also as a window into the diverse opportunities Swin-Tech offers for career growth and development.
- **Enhancements Page:** The Enhancements Page is a showcase of Swin-Tech's dedication to technological advancement and innovation. It highlights the cutting-edge technologies integrated into the company's operations. Detailed descriptions and possibly demonstrations are provided to give visitors a glimpse into Swin-Tech's commitment to staying ahead in the tech landscape. This page amplifies Swin-Tech's credibility and positions it as a leader in technological innovation. In essence, each page is meticulously designed to serve a specific purpose—be it providing information, encouraging action, or showcasing innovation. Collectively, they form a cohesive narrative that represents Swin-Tech's vision, values, and technological prowess.

Technical Details on HTML Markup

- The website is structured using HTML5 to ensure semantic and well-organized content. The markup incorporates header, section, and anchor elements to create a clear and navigable layout.

Sitemap



Website Style

Index Page

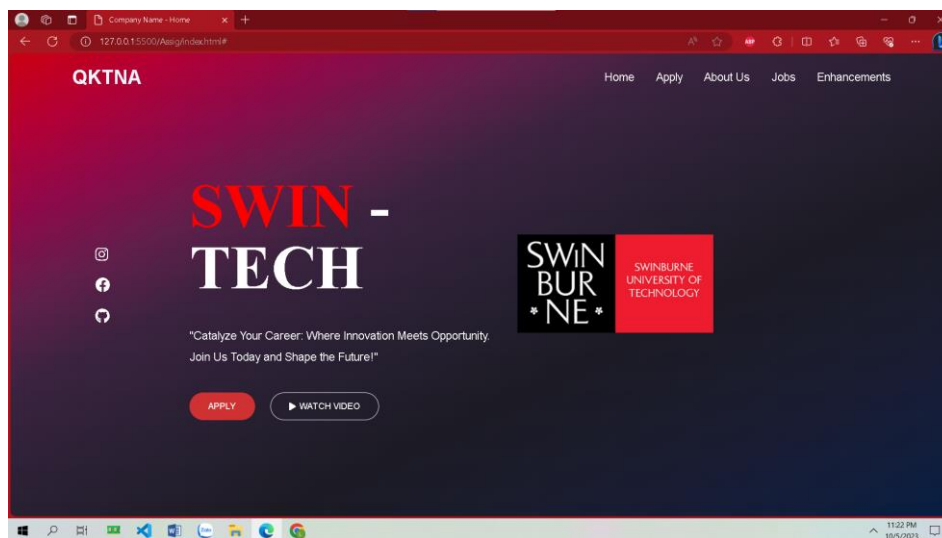


Image 1:Index page(index.html)

For the navigation bar, my group has to add the underline transition from the left to right below the text. I also add the hover effect to the Apply red button as the Watch Video transparent. On the left top corner, I also link the index.html which is the homepage to our group name. Three small icon underneath are the link to social media, this part I used the font-awesome icon as I also add the hover effect to its.

Jobs Page

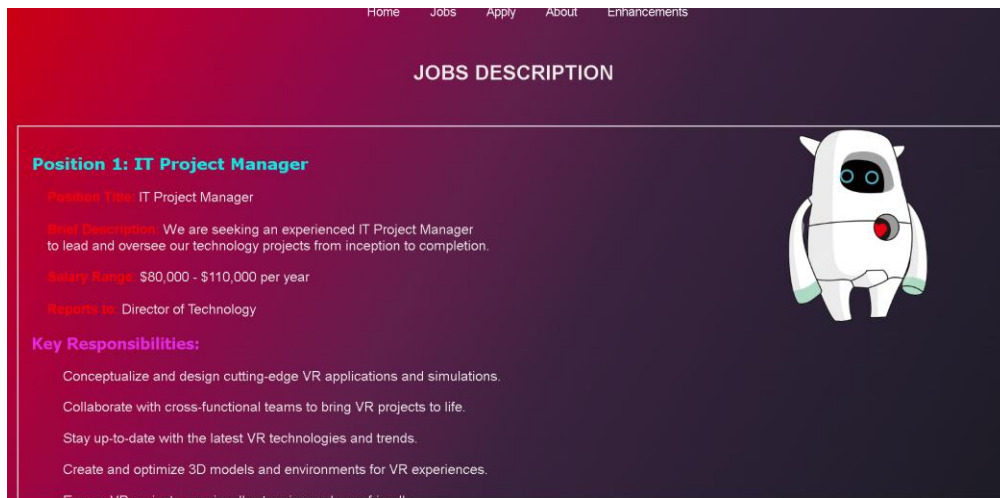


Image 2:Jobs page(jobs..html)

About jobs page, the navigation bars also the same as the index page, the hover effect. To make the form more colourful, we had highlighted some of the head text such as the Position 1, Key Responsibilities and so on.



Image 3: footer(jobs..html)

There are links to our member group page below the jobs page as also my members section in the about us page. All the text had add red hover effect.

Apply Page

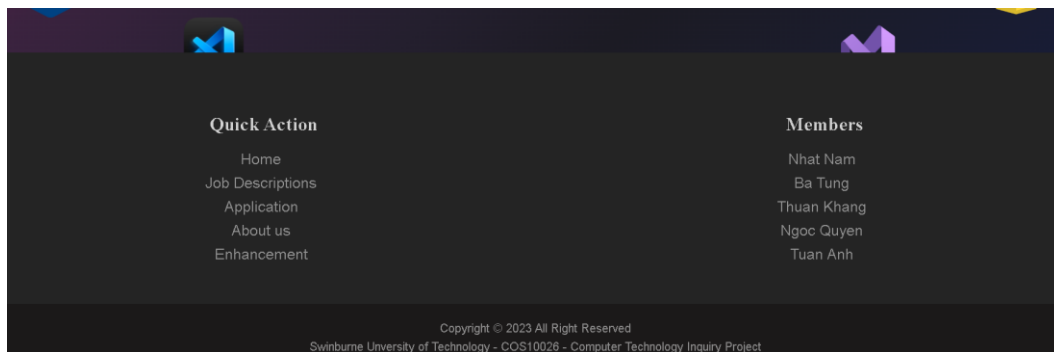


Image 4: apply form (apply..html)

The CSS styles that are applied to the HTML code have a significant impact on the visual design and layout of the webpage. These styles have an effect on a variety of page elements, such as buttons, form fields, and header appearance. They determine font sizes, font weights, and text alignment for headers, for instance, to give them a bold and ordered appearance. The navigation menu is aesthetically improved with a hover effect that illuminates the menu items as the user hovers over them. Additionally, buttons and form elements have a modern and captivating vibe thanks to box-shadow effects and text size changes upon hovering or clicking. The backdrop colors, gradients, and overall color schemes make the visual design aesthetically appealing and well-coordinated.

About Page

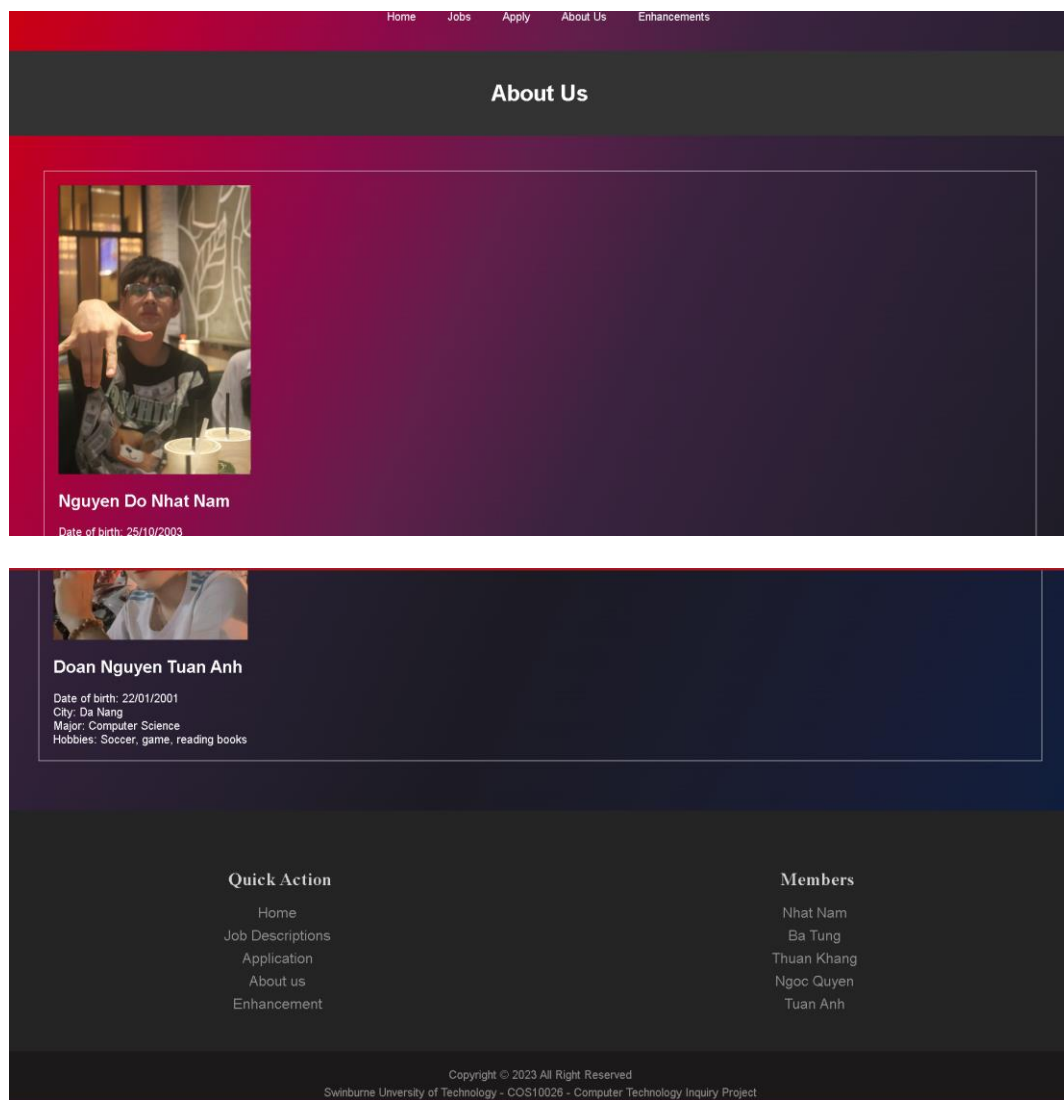


Image 5: about us page (about..html)

The visual design and layout of the "About Us" pages are mostly affected by the CSS styles that have been added to the HTML code. The navigation menu, team member sections, and background are all affected by these styles. Navigation links are centered, stylized in white, and have a light underlining movement. The backdrop is an eye-catching graphic, and team member pieces are separated from the background by white borders and backgrounds. The images inside have been scaled to provide a visually appealing presentation. Information in text is arranged to be readable and coherent.

Enhancement Page

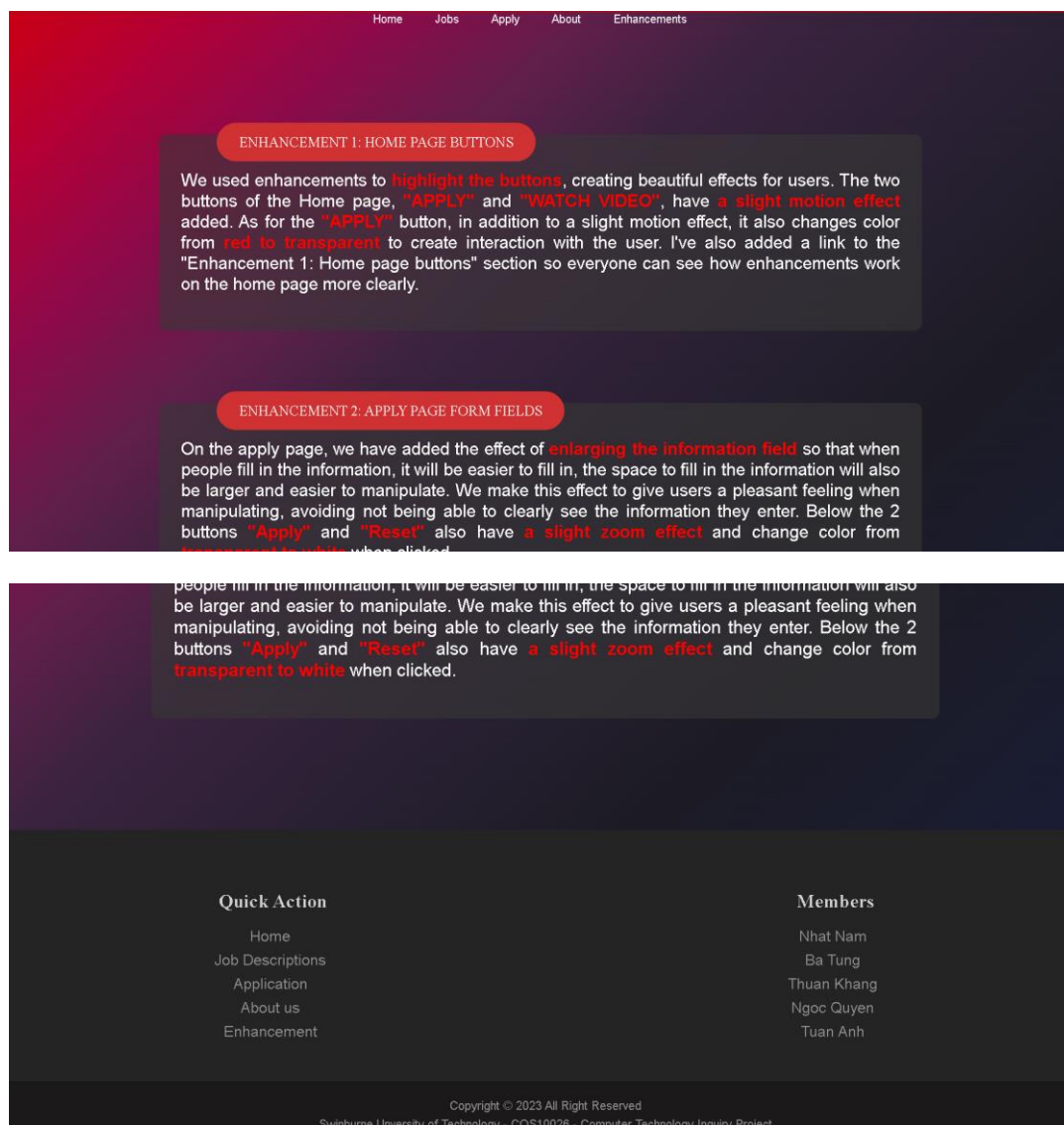


Image 6: enhancement page (Enhancement.html)

The CSS code that is provided has a significant impact on the responsive design and aesthetic components of the "Swin Tech/Enhancement" webpage. It creates designs for navigation links and gives them a subtle hover effect and a unique appearance. A full-screen, aesthetically attractive experience is ensured by the body container's minimum height and the colors of the backdrop and text. The system also manages the characteristics and positioning of robot images, making sure they are centered on the page. The "itemN" class uniformizes the increased detail elements and provides them a distinct appearance. The prominent style of enhancement names makes them more dynamic because their size, color, and background change as the user hovers over them. Users are assured of enjoying their reading experience by the "enhancement-textN" class.

Key Features

The website features:

1. **Innovative Opportunities:** Providing diverse job opportunities across domains.
2. **Tech-Driven Insights:** Offering the latest tech trends and insights.
3. **Streamlined Application Portal:** Simplifying the application process for users.
4. **Enhancements and Innovations:** Showcasing Swin-Tech's commitment to technological progress.

Contributions

In the development of the index.html, I played a crucial role by meticulously organizing the structure and content. From crafting engaging headers to ensuring seamless navigation through embedded links, every element was meticulously designed. I also optimized the layout for various devices, enhancing user experience. My involvement extended to incorporating impactful visuals and icons that resonate with the intended message. Additionally, I meticulously fine-tuned the CSS to achieve the desired aesthetic and responsiveness. Overall, my contributions significantly shaped the visual appeal and functionality of the index.html, setting a strong foundation for an immersive web experience.

Throughout the process of developing the websites, I also have made a valuable contribution to our team project of creating a job application from HTML and CSS. I also involve in the process of combining all the CSS files code to complete an overall website, fixing errors and trying to reduce the errors of the others code.

Conclusion

In this exhilarating journey through the creation and enhancement of the Swin-Tech website, I've uncovered the secrets that breathe life into the digital realm. Swin-Tech isn't just a website; it's a gateway to a world where coding meets creativity and innovation sparks opportunity. The website's design isn't just about looking good—it's about telling a story. The vibrant color palette and dynamic layout mirror Swin-Tech's lively spirit and commitment to cutting-edge technology. Navigating the website is like embarking on an adventure, each click revealing a new facet of this tech wonderland. But, every digital adventure has its challenges. In a mobile-first world, optimizing for smartphones and tablets is a must. It's like translating the language of the web for a broader audience. Moreover, in a world that values speed, refining page loading times is our ongoing quest. A faster website is a happier user.

As a Swinburne university student navigating the landscape of technology and design, this project has been more than just an assignment. It's been a glimpse into the future I'm striving to be a part of. Swin-Tech represents the amalgamation of innovation and opportunity, a vision I resonate with.

In conclusion, this website is more than lines of code and pixels; it's a testament to what's possible when creativity meets technology. As I stand on the threshold of my career, I'm inspired to create, to innovate, and to craft digital experiences that captivate and resonate. *The journey has just begun*

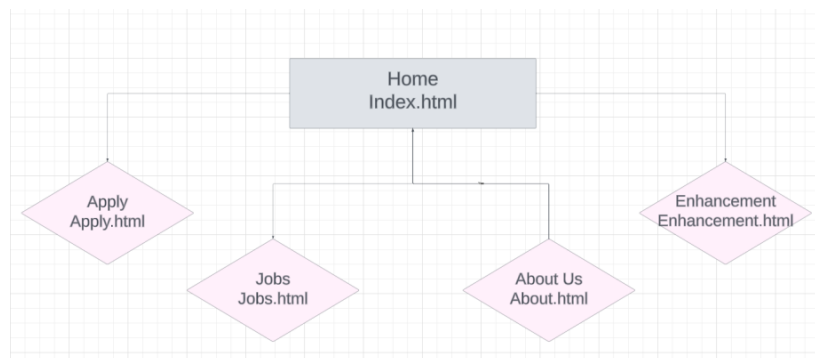
Recommendations for Future Improvements

- Optimize mobile responsiveness for a consistent experience across devices.
- Implement performance optimizations to enhance page loading times.
- Enhance accessibility features to cater to a broader audience.

References

- Font Awesome.(2012). <https://fontawesome.com/search?o=r&m=free>
- W3C. W3C HTML Documentation(1999). <https://www.w3schools.com/>
- W3C. W3C HTML Documentation .<https://www.w3schools.com/html/default.asp>
- MDN Web Docs. Resources for Developers, by Developers.
<https://developer.mozilla.org/en-US/>

Appendix



- Link to my website
- [Company Name - Home](#)
- <https://mercury.swin.edu.au/cos10026/s104198996/Assignment1Inquiry/>