COMP266 Unit 1
Website Design Documentation
Ishaan Jamwal

Main Theme and Purpose:

For this course I'm trying to create a personal portfolio website which will help me showcase my experience to potential employers and collaborators, my skills and my projects as well. The site will serve as a central hub for information about my professional background, coding projects, and technical expertise. It will also serve as a point of contact for networking and employment prospects and offer comprehensive details about my background in school, professional experiences, and technical projects that I have worked on.

I am very eager to build this website because being a Computer Science student at McMaster University going into my final year, having a unique, detailed, professional looking and well-organized portfolio is very important for standing out in the job market. My goal is to showcase my skills in aesthetically pleasing and user-friendly style. Building this website will let me showcase my abilities in web development. It will provide me with real-world experience in website design. It will also offer experience in construction. Finally it provides experience in upkeep.By creating this portfolio from the ground up I can ensure it suits my unique requirements and tastes without being constrained by pre-built website platforms or having to pay for them. I can improve my internet visibility. This project will demonstrate my technical proficiency. It also reflects my commitment to the subject.

# Different Personas: *(generated using: gencraft.com)*
Persona 1:

Senior Hiring Manager Sarah 45, works at a well-known IT business. She is in charge of finding and hiring competent applicants. Her duties involve filling a variety of software development roles. These roles are essential to her company. Sarah has a keen eye for talent. She also has a plethora of business experience. Constantly she searches for people with the know-how and background needed to succeed. Her main objective is to assess possible personnel. She ensures they fit the company's culture. They should also be skilled.

      Finding the ideal applicant will require Sarah to go through a sizable number of applications and portfolios. Since the computer industry is always changing. She frequently has trouble identifying people who possess current and applicable skills. Examining project portfolios distinctly showing a candidate's capacity for problem-solving and their contribution to team initiatives piqued her curiosity. Sarah also thinks enthusiasm and dedication to lifelong learning are critical for success in the tech sector. She searches for in-depth project descriptions. Technology breakdowns and results when she visits personal portfolio websites. She also values learning about a candidate's educational history and any qualifications they may hold.

Persona 2:
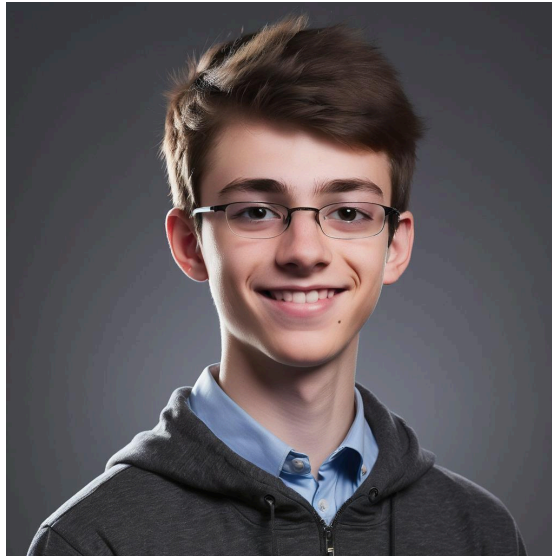
Twenty-two-year-old Alex studies computer science at a nearby institution. He has a strong interest in coding. He is always willing to work with others and on personal projects. And academic initiatives. His main objectives are to network with other professionals and students. To learn from and be inspired by the work of his colleagues. Alex frequently finds it difficult to strike a balance. A balance between his extracurricular and academic obligations. He also looks for peers to work with on different coding projects and study groups. Peers who share his interests and skill level.

Alex enjoys perusing many technical projects showcased on websites for personal portfolios. He is particularly curious to learn more about various technologies and tools used in these projects. He is also interested in the approaches taken to address challenging issues. Alex prefers reading thorough project descriptions. These descriptions should emphasize difficulties encountered and solutions found. Additionally he searches for details about the author's professional history, educational background and accomplishments. By interacting with others through their portfolios, Alex aims to discover possible partners for future projects. He seeks to gain insightful knowledge that will help advance his coding abilities.

Persona 3:
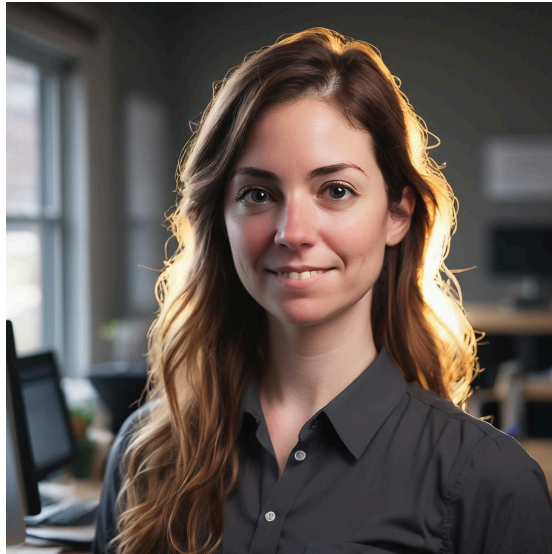
Emily, a 35-year-old businesswoman, is now launching a new digital venture. For her project she is currently looking for a qualified developer. The developer is needed to create a unique web application. Emily's main objectives are to ascertain the developer's dependability. Also, she aims to evaluate the strength of the portfolio by learning about their skills and previous work. Finding developers who can fully understand her ideas. Carry out her vision. Adhering to deadlines and doing excellent work will be her biggest difficulty.

  Emily searches for thorough case studies, client endorsements and reviews on websites featuring personal portfolios. She is very curious to see examples of developer's work that showcase their technical proficiency. Also inventiveness. As well as the scope of services they provide. Emily is also interested in learning about the developer's methods for managing projects. And solving problems. Through examination of a thorough portfolio, Emily seeks to choose a developer. Who can assist her in realizing her business concept and guarantee the venture's success.

Persona 4:

John is a senior software engineer. He has worked in the computer sector for over 20 years. He is 50 years old. His primary commitment lies in mentoring up-and-coming developers. He offers advice and criticism. His main objectives are to find gifted individuals for mentoring programs. He also provides career guidance and industry insights. John frequently has trouble. He finds it difficult to locate mentees who are dedicated. They need to be motivated to learn. He wants to make sure his counsel retains value.

When John visits a personal portfolio website he searches for thorough synopsis of the person's qualifications. He looks for experiences. He focuses on goals for their career. Examining mentees' portfolios to identify areas of strength is something he enjoys doing. John also pinpoints areas of growth. Examples of varied projects that highlight a variety of technology are valued by John. He appreciates methods to problem-solving. He also looks for thorough explanations of the person's contributions to group efforts. He examines any accomplishments they may have had on their own. John hopes to be able to offer the mentee customized guidance. He aims to assist them. He seeks to help them reach their maximum potential by getting to know their career objectives and aspirations.

Different Scenarios:

Scenario 1: Senior Hiring Manager Sarah discovers strong résumé. It includes a link to a website for personal portfolio. She navigates to the location. She wants to assess the candidate's technical abilities. She examines in-depth project descriptions employed technology and completed results. Sarah verifies credentials. She checks the educational history. She sets up an interview with the candidate. She is satisfied.

Scenario 2: Student of computer science, Alex is in search of ideas for a project for class. Through social media. He discovers the personal portfolio website of a fellow student. Alex looks over the projects area observing the technologies and tools that are employed. He uses the contact form. He gets in touch with the student. He suggests a partnership after reading blog entries for instruction.

Scenario 3: Emily, a businesswoman, is seeking a developer to create a unique online application. She visits a website for her personal portfolio. She looks through thorough case studies of previous work. She examines customer endorsements. She reviews the services provided. Impressed by their work she gets in touch with the developer to discuss her project.

Scenario 4: John, a mentor and senior software engineer, visits the personal portfolio website of a young developer who has been suggested. He evaluates their upbringing varied projects and prospective careers. John assesses community involvement by perusing blog articles. He feels inspired. John extends an offer of guidance.

Scenario 5: Sarah is attending a tech conference. A speaker hands her business card with a link to a portfolio. She examines the website out of curiosity. She is eager to learn about influence. She seeks to understand their community involvement. She also explores their recent projects. Impressed by the polished presentation. She contacts the speaker. She seeks possible collaboration.

Scenario 6: While constructing his own portfolio Alex looks for ideas. He visits websites featuring a well-reviewed student portfolio. He examines its presentation of content. He also analyzes design. In addition, he studies layout. Inspired to begin his project Alex makes a list of the characteristics he likes. He then intends to use them in his own portfolio.

Additional Requirements:

My personal portfolio website needs to focus on a few essential components to ensure it upholds professional standards. It must successfully display my skills. First of all the website will have a responsive layout. This will guarantee the best possible viewing on a range of devices. Including smartphones, tablets and desktop computers. I will also add a feature to download my resume which will allow users the ability to download my resume as stated from the website.

Site Map and Mock Up:
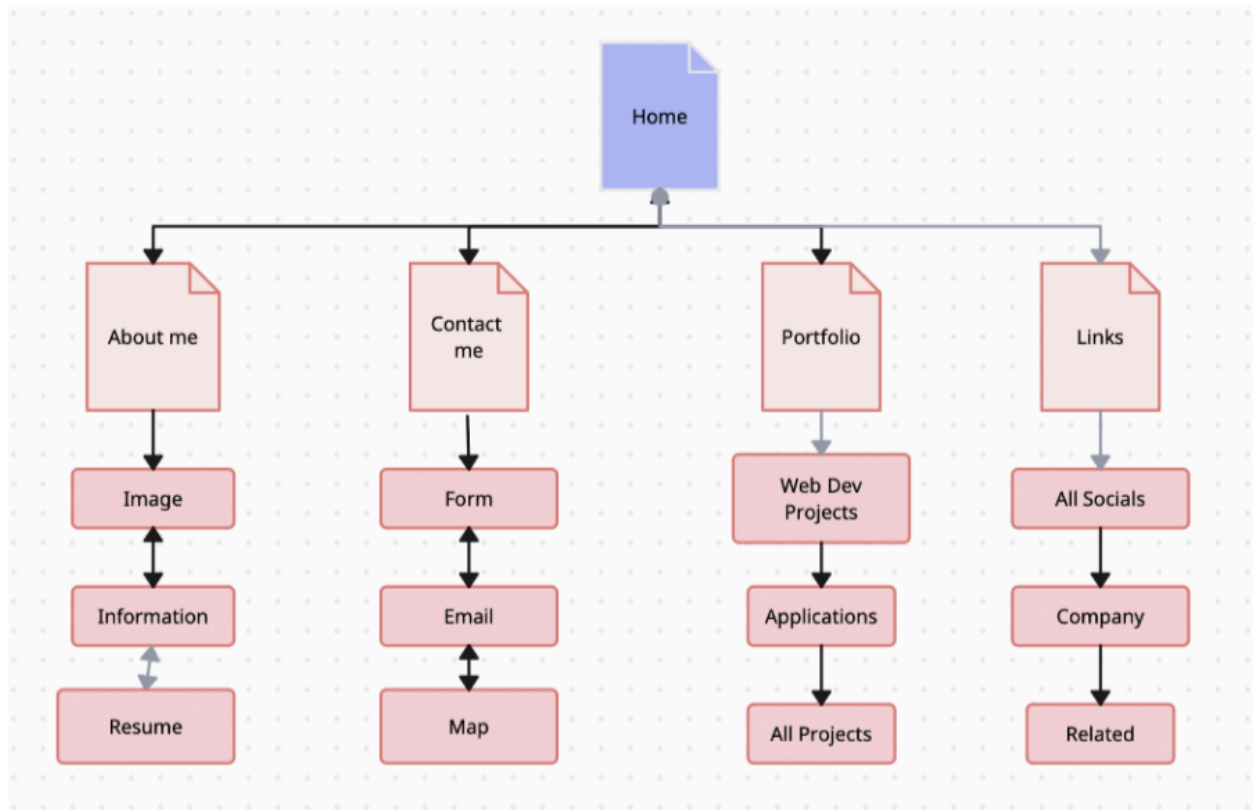
The site map intended to be a continuous scroll provides a clear framework for my personal portfolio on my website. This design will make it easier. Visitors can navigate and scroll through the full website with ease. Important sections will be easily accessible because of the importance-based arrangement. This includes content and top-level navigation items.

The navigation at the top consists of Home About Me. Contact Portfolio. It also includes Links. Providing an overview. Introduction the Home section acts as the beginning point. My photo or representative image is essential. It includes information about my experience. Also included are education, interests and talents. There is a link to download or read my résumé in the "About Me" section.

An interactive contact form direct email connection and map showing my location and other pertinent points of interest can all be found in the "Contact Me" section. My web development projects are showcased in the Portfolio area. Particular applications I've created or contributed to are highlighted. These provide an overview of all my efforts.

Links to my social media profiles are included in the Links section. Businesses I've collaborated with or suggested are also listed. Other relevant links like blogs, articles or websites are

provided.

By reducing the amount of time users spend clicking the continuous scroll design (just like: www.apple.ca) will improve user experience. The website will give the impression it is one seamless page. Users can navigate to certain areas with the help of a fixed navigation menu. A home button will bring them back to the top. My work and information will stand out. The minimalist style keeps the attention on the material. Viewers will see the most pertinent content first. This ensures fluid interaction and effective browsing. The website will be responsive, offering consistent user experience on all platforms. This includes mobile phones and desktop computers.
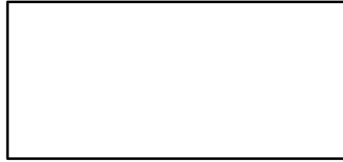
HOME

| About Me | Portfolio | links | Contact Me |

About Me

IMAGE

little Information about Me
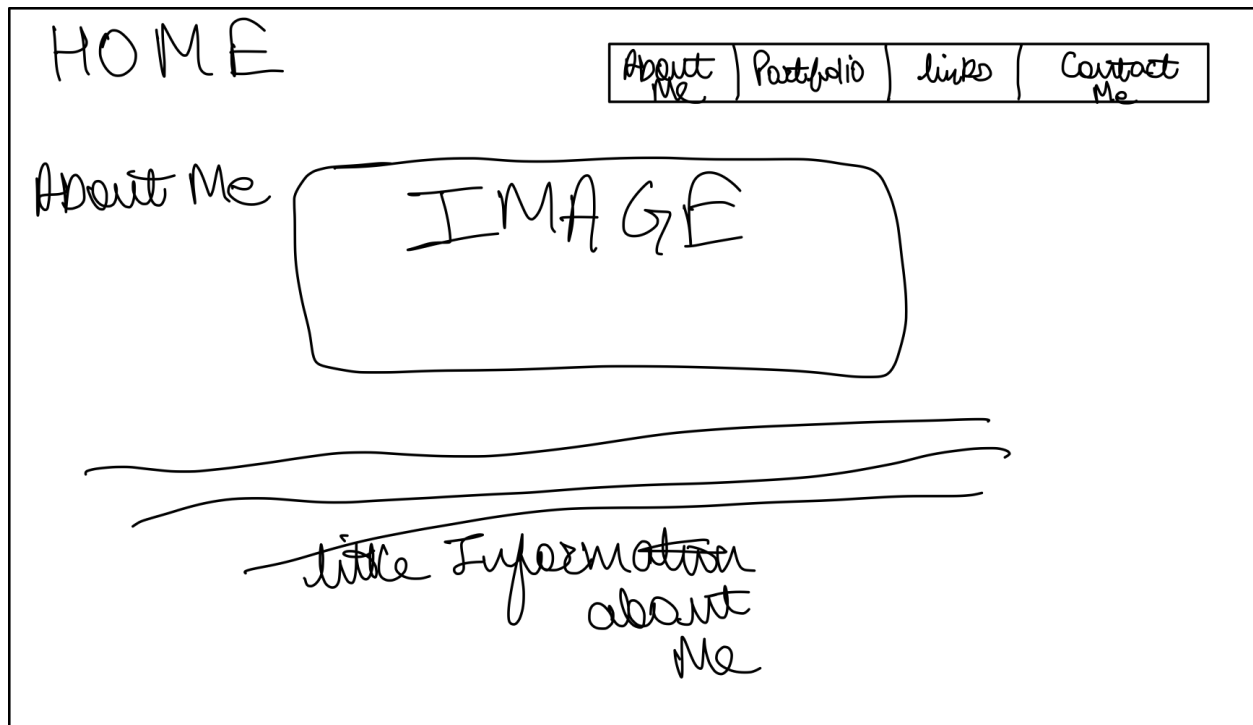
Portfolio

Web Dev Projects   Applications   All projects

| linked to project | | |

some information

Links

[ ] [ ] [ ] — — —

all socials here

Company worked for/ Clients
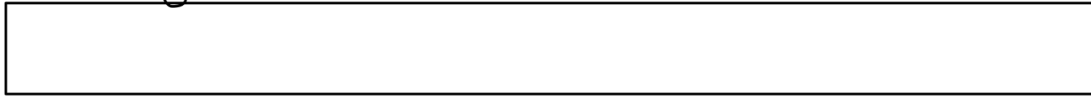
Important Blogs/ links

Contact Me

Google form link

My Email

_____ - - - - - - _____

Map showing my appox location

Learning Diary and Reflection:

In order to lay groundwork for design and development work this course I concentrated on building a personal portfolio website in this unit. Choosing the primary topic was crucial. The objective of the website was also paramount. I developed scenarios and profiles for the intended audience. Producing mock-ups to show the layout. The design were all part of the process. I could have chosen any theme I wanted. However, I decided to make a website that would highlight my projects. It showcases my expertise. Experience for prospective computer science employers. Partners are also featured. This project acts as a point of contact. It facilitates networking. And job opportunities. It also showcases my professional expertise.

As a final-year McMaster University student studying computer science I am aware of how crucial it is to have a distinctive comprehensive and polished portfolio. This is essential. Standing out in the employment market is vital. My aim is to present my abilities in an aesthetically beautiful way. This must be approachable. Creating the website from the ground up. I can showcase my web development skills

I will gain practical website design experience. I can ensure the site satisfies my specific needs. This can be done without relying on premade platforms. In light of this I created thorough site map. I also made mock-ups These included features like a fixed navigation menu. I designed a continuous scroll layout Moreover. These features might be more difficult to implement than I have in the past.

Establishing a solid foundation for the website required completing first planning steps this section. My comprehension of content and features required improved. This guided both the technical design and content requirements. The creation of personas and scenarios facilitated this. The procedure was slow. It involved reviewing earlier work. Changes were made at each stage. It ensured objectives were met. To avoid wasting time on pointless minutiae I reminded myself that the process was iterative. The plan was not final.

One important adjustment I made was rearranging the sitemap navigation's order of importance. This occurred after creating mock-ups. My decision to use continuous vertical scroll design was influenced by the visual aspect of the creative process. The personas and scenarios would explore the website in a specific way. This necessitated revising navigation order. It also required modifying the orientation of the sitemap. These changes enhanced user experience overall.

I used paper and pen sketches on my iPad which was a learning curve. Nevertheless, this tool will be invaluable for future work.

Before diving into the specifics of the design process I would recommend quickly reviewing all necessary components if approaching this unit again or advising others. With this strategy. There would be less overlap between components. The project's overall process would remain well defined.