**SRS (Software Requirements Specification)**

For My personal Portfolio

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**1. Introduction**

**1.1 What is the purpose of the website**

The purpose of this website is to create a user-friendly platform that has 4 main pages home page which has a paragraph about what's on the website and the purpose of the website, a projects page where I can upload all my completed projects from each class in a clean easy to locate manner, A skills page which has a list of all my IT related skills and skills and qualifications I have acquired from work and other life experiences, and finally a contact page which has multiple ways to contact me including a contact form and a list of all my contact methods.

**1.2 Website goals**

My main goals with this website are to make it as user-friendly as possible but also to be a way for me to highlight my skills in web design and show how they progress. This website will be consistently updated and upgraded over time and an “updates” page will be added as I refine the design. This page will show screenshots of all versions of the website and update notes. Another big goal for this website is for it to be a hub for all my school projects so both myself and anyone interested can easily access my past school assignments to see my progress in each class and what I can do.

**1.3 References**

**Google. Section 4.1**

<https://www.google.com/recaptcha/about/>

**SuperSimpleDev 11 April 2022**

[**How to put an HTML website online (on the Internet)**](https://www.youtube.com/watch?v=p1QU3kLFPdg)

Helped me setup GitHub pages

**2. Overall Description**

**2.1 Functions**

My website has a lot of functionality to ensure easy access to everything first at the top of the screen there is a navigation bar with a list of all the pages “home, skills, projects and contact” by clicking either of those page names you will be redirected to the page. If you want to find specific information on my website and are unsure of what page, it is on there is also a search feature in the navigation bar where you can search for specific information and be directed to it. Now at the foot of the page there's a list of my social media for easy contact there's my email address linked so when you click on it your redirected to your email with a composed email open that has my email address typed in, there's also my Facebook page linked and finally there's a link to the contacts page which has a list of all my different contact options.

**2.2 Performance**

**2.3 Usability**

**3.Website features**

**3.1 Shared features**

This website has multiple features that are shared between all 4 pages. The styling is the same between all pages. There is a header at the top that includes the navigation bar and the portfolio title which has a dark blue background. Below the header section, each page has a background image which is the same on each page with a plain white body in front of it that houses all the information on each page. The only other shared feature between all the website pages is the footer section it is the same shade of blue as the header section and houses a “thank you msg” is well as my contact and social information which includes a clickable link to a pre composed email to me, a link to my personal Facebook page and a button that sends you to the contact page.

**3.2 Navigation**

This website includes an easy-to-use navigation bar located on the header section of the page where you can click on what page you are looking for example if you click on “home” it will redirect you to the home page. Everything is also sorted into sections on the pages with headers explaining what is in each section so you can easily find what you want. There will also be a search feature located on the header section inside the navigation bar where you can search for exactly what you want.

**3.3 Home page**

The home page is the main page on this website. It has information about me (the author of the website) about my life what has led me to study for my bachelor's degree and information about why the website was created. The purpose of this page is to introduce me to you and give you some background on my life and why I have this website exists.

3.35. **Update log**

Located on the Home page there will be an “update log” box which will include details of any upgrades or updates to the website.

**3.4 Skills page**

On the skills page you will find a full list of my skills divided into bullet points. It includes a copy of my up-to-date CV which has all my work experience and references in it. As well as all my current skills that relate to my studies, skills, and qualifications that relate to my past work experiences. The purpose of this page is to highlight my skills that relate to IT and what I can do with the skills I have picked up through work or study

**3.5 Projects page**

The “Projects” page currently has 5 different drop-down sections (Web504, Net502, Syd,502, Dat502 and personal projects) each section will have a full explanation of my projects as well as my completed projects uploaded to it. It will include all my projects completed for my studies which will be uploaded into the intended class category and include personal projects that I have completed for practice or fun that will be uploaded into the personal projects category. As for functionality this page has downloadable files to view my projects and drop-down sections for each class there is also a full explanation about what each project is about above the downloadable files

**3.6 Contact page**

The final page on my portfolio is the contact page. This page allows you to easily contact me with Mutiple different methods the first drop down box is labelled “email addresses” and has both my personal email address and my NMIT email address linked all you must do is click the link and it redirects you to an email page with a pre composed email with my email address listed. These make it easy to contact me directly through email, but I also have other options listed there's a contact form in the “contact form” drop down box where you can fill in your personal details such as your first and last name, your email address and finally your message this is also another nice easy option to contact me but if you prefer to contact me through social media I have my Facebook page and Instagram linked below in the “socials” section which I'm less active on but still a good method of contact.

**4. Security**

**4.1 Contact form security**

The contact form has a basic but effective security mechanism which is a “google reCAPTCHA” which protects your contact forms against spam and fake