# ITC293: Assessment 4

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# Interface Design, Navigation and Organisation

## Preliminary Design

The purpose of the website is to provide a personal portfolio for the designer for a desired future employer to view. The type of employer is specified by my student id number, with my given employer type being Mining.

The target audience of the website would be a mining company looking to hire a web developer. The purpose and target of the website has remained the same for two previous iterations with changing requirements. This gives a solid foundation to alter the website based off of the new requirements.

The new requirements include having an index page, a resume page, four separate pages showcasing four different skills, with one of them being web development skills, and a newsletter sign up form that uses an external JavaScript file and the use of only external CSS.

The Preliminary Design of the webpage already includes some of these requirements, the index page, resume page, web skills page and external CSS. An about us page was also pre-existent, and I have decided to leave it in.

## Interface Design

### CSS Design Plan

A screenshot of a web page

AI-generated content may be incorrect.

**Header**

Includes a white background and black outline border, with the Website title and subtitle naming the current webpage. Padding and a margin from the edge of the webpage. Also includes the navigation bar.

**Navigation Bar**

Using CSS buttons, the current webpage is a blue button while the other pages are white.

**Body**

Blue background of the webpage.

**Main Article**

Main section of the webpage holding the content. To include padding and a margin from the edge of the webpage.

**Footer**

Footer on homepage only. Similar design to header but does not take up the as much of the width of the webpage as the header. Contains only the copyright notice.

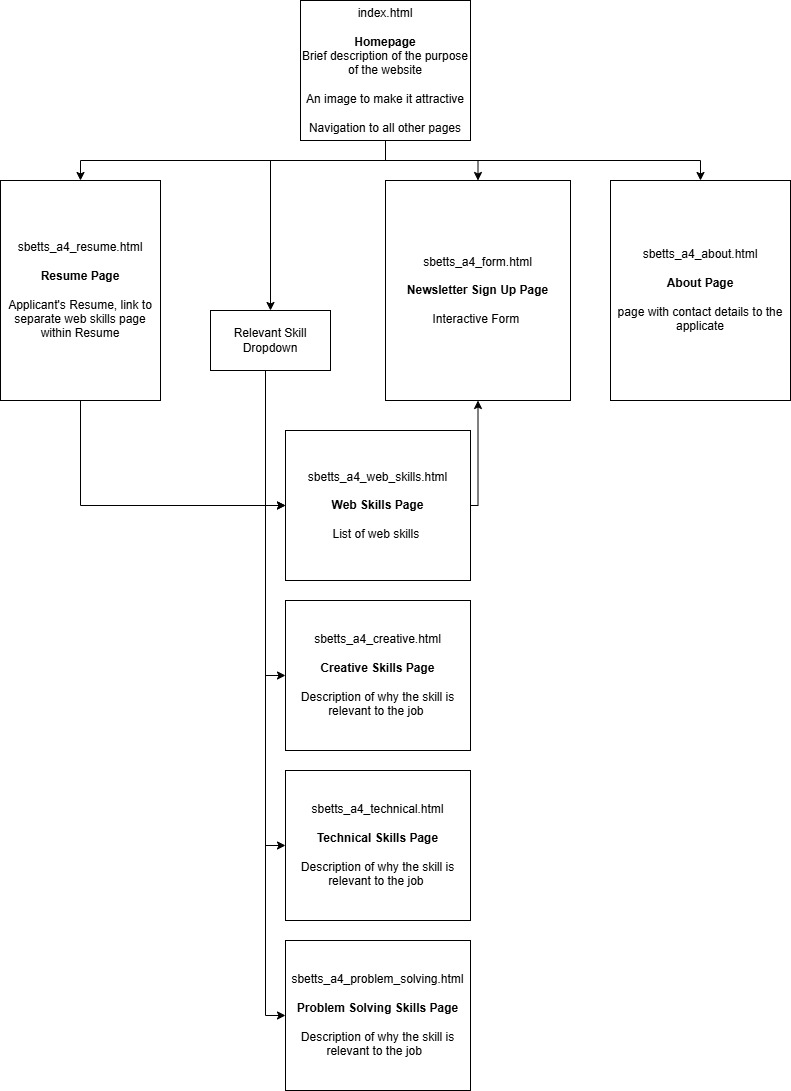
### Newsletter Form Design

In order to make the form attractive, it also uses CSS.

Below is a screenshot of the final form design.

## Navigation Design

### Navigation Map (Logical)



## Storyboards

### Homepage – index.html

A screenshot of a web page

AI-generated content may be incorrect.

|  |  |
| --- | --- |
| Description | Homepage |
| Content | Giving an introduction to the webpage and a brief description of each of the pages. Footer at the bottom of page with a copyright notice. |
| Interactions | Navigation links, current page highlighted blue using CSS buttons |
| Audio / Visual | Imagine floating to the left for appeal. |
| Navigation | CSS buttons with links to current and all other pages. |

### About – sbetts\_a4\_about.html

A screenshot of a web page

AI-generated content may be incorrect.

|  |  |
| --- | --- |
| Description | About |
| Content | Contact details of the applicant and a headshot of the applicant. |
| Interactions | Navigation links, current page highlighted blue using CSS buttons |
| Audio / Visual | Headshot of website creator / job applicant. |
| Navigation | CSS buttons with links to current and all other pages. |

### Web Skills – sbetts\_a4\_web\_skills.html

A screenshot of a web page

AI-generated content may be incorrect.

|  |  |
| --- | --- |
| Description | Web Skills |
| Content | An unordered list of web skills the applicant contains. |
| Interactions | Navigation links, current page highlighted blue using CSS buttons  Internal Link to newsletter signup form |
| Audio / Visual | No audio or visual. |
| Navigation | CSS buttons with links to current and all other pages. |

### Resume – sbetts\_a4\_resume.html

A screenshot of a web page

AI-generated content may be incorrect.

|  |  |
| --- | --- |
| Description | Resume |
| Content | Resume of applicant, including ordered and unordered lists, as well as a table. Web Skills includes a link to the web skills page. |
| Interactions | Navigation links, current page highlighted blue using CSS buttons.  Link to web skills page within resume |
| Audio / Visual | No audio or visual. |
| Navigation | CSS buttons with links to current and all other pages. Link to web skills page within resume. |

### Creative – sbetts\_a4\_creative.html

A screenshot of a web page

AI-generated content may be incorrect.

|  |  |
| --- | --- |
| Description | Creative |
| Content | Paragraphs with a description of how the skill is relevant to the job listing. Image to the left. |
| Interactions | Navigation links, current page highlighted blue using CSS buttons. |
| Audio / Visual | Image to the left of page |
| Navigation | CSS buttons with links to current and all other pages. |

### Creative – sbetts\_a4\_problem\_solving.html

A screenshot of a web page

AI-generated content may be incorrect.

|  |  |
| --- | --- |
| Description | Creative |
| Content | Paragraphs with a description of how the skill is relevant to the job listing. Image to the left. |
| Interactions | Navigation links, current page highlighted blue using CSS buttons. |
| Audio / Visual | Image to the left of page |
| Navigation | CSS buttons with links to current and all other pages. |

### Technical – sbetts\_a4\_technical.html

A screenshot of a web page

AI-generated content may be incorrect.

|  |  |
| --- | --- |
| Description | Creative |
| Content | Paragraphs with a description of how the skill is relevant to the job listing. Image to the left and right. |
| Interactions | Navigation links, current page highlighted blue using CSS buttons. |
| Audio / Visual | Image to the left of page |
| Navigation | CSS buttons with links to current and all other pages. |

### Newsletter Sign Up Form – sbetts\_a4\_form.html

A screenshot of a web page

AI-generated content may be incorrect.

|  |  |
| --- | --- |
| Description | Newsletter Sign Up Form |
| Content | Newsletter Signup form with three required text entries, radio buttons, tick boxes and an additional comments text entry. Submit and Reset buttons at the bottom of the form |
| Interactions | Navigation links, current page highlighted blue using CSS buttons.  HTML form using external JavaScript sheet  Alert when the page opens, and alert when requirements are not met. |
| Audio / Visual | No audio or visual |
| Navigation | CSS buttons with links to current and all other pages. |

## Organisation of Information

### Navigation Map (Physical)

# Technical Functionality in Terms of Web Development

## Usage of CSS

## HTML Form and JavaScript

## Code Reusability and Readability

## Validation

### Testing Plan

**HTML Validation:** Validate Files

* HTML - https://validator.w3.org/
* CSS - https://jigsaw.w3.org/css-validator/

**Webpage Content:** Ensure all content, text and images, are loading and displaying correctly

**Links Working:** Ensure all links are working and pointing to the correct sites

* Internal Links
* External Links

**Browser Compatibility:** Test multiple browsers including:

* Chrome
* Edge
* Firefox

Resize browser and ensure the look and feel of the page is maintained

### HTML Validations

Validation website used: https://validator.w3.org/

#### Index.html

A screenshot of a computer error message

AI-generated content may be incorrect.

#### Sbetts\_a4\_about.html

A screenshot of a computer error message

AI-generated content may be incorrect.

#### Sbetts\_a4\_creative.html

A screenshot of a computer error message

AI-generated content may be incorrect.

#### Sbetts\_a4\_form.html

A screenshot of a computer error message

AI-generated content may be incorrect.

#### Sbetts\_a4\_problem\_solving.html

A screenshot of a computer error message

AI-generated content may be incorrect.

#### Sbetts\_a4\_resume.html

A screenshot of a computer

AI-generated content may be incorrect.

The initial validation did not pass. This was due to me having a list within a list. I ended up changing this to use headings rather than be a list. This was also consistent with the rest of the content within the resume.

Final validation below:

A green and black text

AI-generated content may be incorrect.

#### Sbetts\_a4\_technical.html

A green and black text

AI-generated content may be incorrect.

#### Sbetts\_a4\_web\_skills.html

A screenshot of a computer error message

AI-generated content may be incorrect.

### CSS Validations

#### Portfolio.css

A green box with white text

AI-generated content may be incorrect.

#### Print.css

A green box with white text

AI-generated content may be incorrect.

## File Sizes and Naming

## Requirements Table

|  |  |  |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |