# 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

## 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.

## 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 - 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 - 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 |
| Audio / Visual | No audio or visual. |
| Navigation | CSS buttons with links to current and all other pages. |

### Resume - 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. |

## 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

### Validations

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

### Source Code

## File Sizes and Naming

## References