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# Accessibility

To improve site accessibility, I used Text alternatives ("alt text") across all images.

This adds a text alternative which can be read out to users, making visual information accessible to those with a visual impairment.

I also used Style tags to add meaning to the words on the page. Semantics refers to the meaning of words in a language. Particular style tags are semantic tags which tell the browser there is a need for meaning to be attributed to the word. Where the style tag <b> bold </b> would change the font on the page to be thicker, I used <strong> strong</Strong> to emphasise the importance of a sentence. What this does is because the browser speech application to add strength to the words expressed between these tags.

The form used for booking will alert the user if they have not completed the form upon submission attempt. The user will get a note to indicate the filed they need to populate.

I used larger fonts and designed the site to have a good level of contrast for the reader.

I would like to have tested the colour scheme better and to assess it for ease of use for those with difficulty viewing colours.

# Site Optimisation

To improve SEO I developed Xtml sitemap which will be loaded to google which will help Google index the site and make all future site searches more accessible.

I used the <h> tags appropriately, making sure to not over use the H1 tag.

I added relevant Meta data to the head section of my pages. The Meta data is representative of the content of the site. Each page has relevant data and has a simple layout.

# Logbook

Over the duration of this project I worked on several skills to get the site to completion

* Week one I began understanding basic html, and reading about basic design features.

* Week two I began writing the html for several pages and started thinking about the site layout.

This was challenging as there was a lack of practical knowledge at this stage. I knew what I wanted to have, but was unsure who to apply it.

I created a list for calendar days weeks and months but later found a simple line of code to add the “date” to a form.

* Week three I continued to write HTML with the learning from class
* Week four I began adding CSS to inline html.
* Week five I was able to start adding CSS and formatting to the layout. This included the design and colour scheme planning and design.
* Week six additions to the layout design included creating nav bars headers, footers, Main sections and side bars along with image sidebars.
* Week seven I began adding java script which introduced functions and the ability to add graphical design elements such as slides shows and drop down menus
* Week eight I improved SEO by adding a sitemap and imbedding the Meta data.

I also reviewed the responsiveness however found this challenging.

# Reflection

I found this CA to be very enjoyable, and gave me a good grounding in html, css and Java script. I was keen to start this assignment however I fell that the CA needed to move incrementally in tandem with the course. The reason being, despite my best attempts I added lots of now redundant code, and was unable to move the CA along without the learning from the class.

I found the styling challenging in the sense that it is a requirement that you have a creative approach to styling a site, I feel my lack of understanding around the use of colour schemes and fonts left the site looking less professional. I would like to learn more about the use of, and the impact of colours on site design.

The Java script was also difficult, I feel that learning the java script so close to the submission date minimised the chance to learn it more in-depth and instead I found myself trying to add functions without fully understanding them.

I found the HTML and how it’s structured to be easy to understand, along with how the CSS stylesheet was able to update the html using classes etc.

I struggled to understand the Java script and would like more time to do so.

I would like to see how the Website would tie into a data base and how data entered via a website would be stored in a database

I did not look at responsive design as I felt that I was so far gone in the CA before hearing about it that it was too challenging to complete the responsive design aspect of the assignment.

IF I were to start again I would have incorporated this responsive design into the initial design stage