WD2 – Five Page Website

# Part E – Metacognition

# Image Sources

## Logo

taswin.tariban. (2020). Download Glasses Logo Design vector for free. Retrieved 4 September 2020, from <https://www.vecteezy.com/vector-art/623637-glasses-logo-design-vector>

**License: Free**

## Glasses (Kid)

Fresh Orthodontics. (2020). kid-smiling - Fresh Orthodontics. Retrieved 4 September 2020, from https://www.freshorthodontics.com/orthodontics-for-kids/kid-smiling/

## Product Glasses Kid

Jonas Paul Eyewear. (2020). The Ryan. Retrieved 4 September 2020, from <https://jonaspauleyewear.com/products/the-ryan>

## Sunglasses Kid

Vision Ease. (2020). Sunglasses For Children - Kid's Eyes and UV | VISION EASE Blog. Retrieved 4 September 2020, from <https://www.visionease.com/blog/2017/05/17/sunglasses-for-children/>

## Contact Lenses

Miller, K. (2020). 7 Dangerous Mistakes You’re Making With Your Contact Lens Case. Retrieved 4 September 2020, from <https://www.self.com/story/contact-lens-case-mistakes>

# Modifications to Make Images Web-Ready

Images were downloaded from the internet and scaled to ensure that were an appropriate size.

Images (except header) were cropped square.

The header was created by joining the logo image and the glasses (kid) image.

# Tools Used to Modify Images

GIMP-2.10 was used to modify the images.

# Alternative File Formats

JPEG file format was used for the images in this website as JPEG’s can display millions of colours and are well suited to high compression levels. Where images have few colours, PNG images are better suited however this was not required for this website. PNG images also support transparency and are therefore good for logos. GIF’s are mainly used for animations and were not required for this website (Hughes, 2020).

# How Images Best Suit the Message

ABC Optical are recognised as being able to manage children’s ophthalmic needs. Building upon this, the images feature children wearing glasses and sunglasses. The images and colours used are clean and crisp which supports the concept of good vision.

# WHS Principles Followed During Project

The following WHS safe work practices were followed while working on this project:

**Ergonomics**

* Position of computer monitor adjusted so that the head and back do not need to tilt or arch
* Keyboard placed directly in front and forearms supported when keying
* Keyboard and mouse able to be used comfortably on same level of desk surface
* Use of full-size keyboard, mouse, and monitor with laptop.

(WorkCover Qld, 2020)

**Posture and Exercise**

* Chair position adjusted to provide lumbar support and feet flat on floor
* Frequent breaks to stand and walk around.

**Lighting**

* Screen adjusted so characters can be clearly seen
* Window coverings adjusted to reduce glare and shadowing on the screen.

**Ventilation**

* Open windows to ensure cross ventilation of room.

(NSW Government, 2020)

# References

Hughes, J. (2020). What's the Best Image Format for Your Website? JPEG vs PNG vs GIF. Retrieved 4 September 2020, from https://themeisle.com/blog/best-image-format/

NSW Government. (2020). Retrieved 4 September 2020, from <https://educationstandards.nsw.edu.au/wps/wcm/connect/fe6adf4a-553f-4008-9d69-673e420068b7/mindmap-vet-idt-stage-6-safety-part-2.pdf?MOD=AJPERES&CVID=>

WorkCover Qld. (2020). Learning the art of office ergonomics. Retrieved 4 September 2020, from <https://www.worksafe.qld.gov.au/news/2017/learning-the-art-of-office-ergonomics>

**PART A - HTML**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Assessment criteria**  **The evidence submitted demonstrates that the student satisfactorily:** | **Attempt 1** | | **Attempt 2** | |
| **S** | **U** | **S** | **U** |
| 1. Layout style on user-defined classes |  |  |  |  |
| 1. Five pages using common CSS, Image and JS folders |  |  |  |  |
| 1. One common menu using list items li elements (delivered via code) |  |  |  |  |
| 1. One common footer (delivered via code) |  |  |  |  |
| 1. All Implemented Layouts largely consistent with wireframes supplied |  |  |  |  |

**PART B - CSS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. Text styles consistently applied for h1 h2 h3 p and caption |  |  |  |  |
| 1. layout methodology display: flex. Vertical and Horizontal |  |  |  |  |
| 1. Layout should be in flow. No position: absolute (position: fixed mobile view allowed) |  |  |  |  |
| 1. Mediaquery incorporating two layouts. Mobile and Desktop |  |  |  |  |
| 1. Demonstrated use of two type of CSS combinator and three pseudoclasses |  |  |  |  |
| 1. Animate in and out of :hover on menu or hamburger menu |  |  |  |  |

**PART C - Images**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. three Images in content list cropped square |  |  |  |  |
| 1. One example of a composited image created from at least two images |  |  |  |  |
| 1. Header image incorporates the use filter selector in CSS |  |  |  |  |

**PART D - Validation**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. Screenshot of W3C Validation of HTML/CSS |  |  |  |  |
| 1. Correct Indentation of HTML CSS and JavaScript |  |  |  |  |
| 1. Cross-Browser test three examples including mobile phone |  |  |  |  |
| 1. Image with alt tags and standard keyboard shortcuts on menu |  |  |  |  |
| 1. All filenames are lowercase, no spaces and an index.html is in the root folder |  |  |  |  |
| 1. Image, css, js folders contain relevant files each should not exceed 1mb |  |  |  |  |

**PART E - Metacognition**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. Sources of all images, including copyright or license requirements |  |  |  |  |
| 1. Secure original images, and describe what modifications have been made to ensure they are web-ready |  |  |  |  |
| 1. Describe the tools that were used to make alterations to these images |  |  |  |  |
| 1. What alternative file formats could these images have been saved, why did you choose the one(s) you did. |  |  |  |  |
| 1. Describe how these images best suit the message you are trying to convey for the client |  |  |  |  |
| 1. What WHS principles were followed while working on this project |  |  |  |  |

