Web Foundation PROG8540

Major Assignment 2

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Section 1

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Computer Application Development

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# Specifications for content of website using HTML

1. The home page, product page and subscribe page has 3 sections in the body- header, main and footer.
2. The home page, product page and subscribe page has aside and section tags.
3. The home page, product page and subscribe page have three images in aside tag and an icon in header.
4. The home page, product page and subscribe page has 3 tier navigation bar
5. The product page has table with 3 products
6. The product table is included in figure element with figcaption.
7. The product table has scope id and headers to improve accessibility.
8. All the images in product table are included in figures with figcaption

Form:

1. Three text input fields with labels: First name, Last name, and Email
2. An optional field for Postal Code
3. A Subscribe button
4. All inputs have validation and tabindex
5. Form displays form submitted when subscribe is clicked

# Specifications for style of website using CSS

There are two css files. The main.css has following properties.

1. There is a reset selector to remove all internal paddings and margins.
2. The body has margin at the top.
3. The body has #b300b3 as border and has linear gradient as background.
4. All links in aside have borders
5. The background color of html is rgb(97, 114, 146).
6. The background color of header, navigation bar and footer is # 5b24db.
7. The header image floats to left of the text with padding in left and right side.
8. The header has Cursive font and padding on four sides.
9. The h2 element in header has text shadow.
10. The p, h2, list in section and h2, h3 in aside have paddings.
11. The footer is clear from both sides.

Table

1. Product Table td and th has properties for border, padding and text align (centre).
2. Every image figure caption is black with font size 70%, font weight bold, style block and a bottom border.
3. FigCaption for table has font size 150%, font weight bold, style block, aligned in centre with color black.
4. When size is screen size is reduced, the table size also reduces, and content fits the screen

Form

1. Content has padding and margin
2. When size is screen size is reduced, the table size also reduce,s and content fits the screen
3. Invalid inputs have red borders
4. Form has template same as index and table

# Design and implement 4 user specifications that follow AODA

1. All images have alt text.
2. The title of the page describes the content of the page.
3. Use attributes to such as caption, scope and header to make a table more accessible to visually impaired users who use screen readers.
4. If the text for a link has to be short, code the title attribute to clarify where the link is going