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Individual Major Assignment #2 - 15%

**ASSIGNMENT:**

This assignment will allow you to experience what it is like to develop a complete website from scratch. To do this you will create a site of one your favourite subjects; this can be a Movie, TV show, Book, Band, Video Game or a business, family history or anything that you have a great interest in. Instructions on specific requirements are as follows:

**General Instructions**

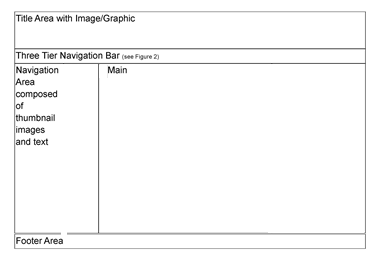
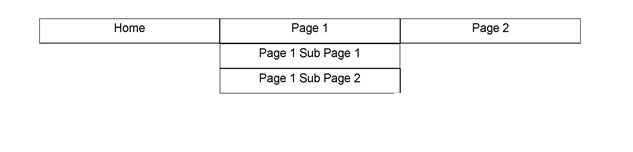
1. Build a home page using the design pattern as illustrated in Figure 1: Sample Web Page Format. This will be used for all pages.
2. Use well-formed HTML5 and CSS3 structure including use of semantic elements.
3. Keep in mind AODA considerations when developing your page.
4. Use a logical folder structure to organize your site:
   1. styles
   2. pages/subpages
   3. images
   4. thumbnails
   5. media

Figure : Sample Web Page Format

* 1. any other items

1. The homepage will contain at a minimum a two tier navigation bar that will be the same on all pages. One of these top tier menu items will have a sub menu. See figure 2 for a sample of how the navigation bar should present itself.

Figure : Two Tier Navigation Bar

1. Each page is to use the same tab/page favicon and tab/page title throughout the site defined in the head tag in the homepage.
2. Each page is to have a footer. This will also be consistent throughout this site as defined in the homepage.
3. There will be a **main.css** file that will control elements that are common throughout the site, i.e. navigation bar, title, navigation area, article area, etc.
4. For this site normalize.css is not required, but each page must have its own external css.
   1. Each page is to have consistent colouring throughout defined in the **main.css**.
   2. Each page is to have consistent font family styling on each page defined in the **main.css**.
   3. Use various CSS controls to control the appearance of the navigation bar so that the navigation items are identifiable via colouration when being manipulated.
5. Each page is to have its own CSS file, specific to unique items within that page.
   1. For instance, the **image.css** will contain CSS to manipulate images within the **image.html** page.
   2. For instance, the **table.css** will contain CSS to manipulate tables within the **table.html** page.
6. The left Navigation Area composed of Thumbnail images will consist of the following:
   1. The top thumbnail image will link to the home page.
   2. Subsequent thumbnail images will provide links for pages that are below the home page, i.e. these would be the top tier of your navigation bar.
   3. Each of these thumbnail images will contain a text caption describing the thumbnail.
   4. This thumbnail image navigation area will be the same throughout the site.
   5. The Thumbnail Navigation Area should be distinguishable from the other areas of your site by colour or border or both.
7. All images and videos should have a border placed around them.
8. **Add your name/student number in comments at the top of all the HTML pages.**
9. The completed Assignment will be in a Zipped folder and submitted to the appropriate folder in eConestoga.
   1. The file should be named <your-first-name>-<your-last-name>-a2.zip, for example Steve Sutherland's assignment would be named steve-sutherland-a2.zip.

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**Construct all of the following pages to be included in your website, Identify these appropriately on your Navigation Bar, and Thumbnail Navigation**

**Home Page (Index.html) is a mandatory page.**

1. Page will be built using the provided general Instructions in mind.
2. Please create an **index.css** file for formatting and decorating specific to your **index.html** file.
3. The Title Area will incorporate the title of your site. It will contain a relevant graphic or image within the area, this can be left or right justified or both.
4. Use the article to describe what the site is about.

**Image Page (images.html)**

1. Page will be built using the provided general instructions in mind.
2. Please create an **image.css** for formatting and decorating specific to your **image.html** file.
3. The Title Area will incorporate the title of your site. It will contain a relevant graphic or image within the area, this can be left or right justified or both. It will also contain a subtitle specific to this page.
4. This page will consist of images in tribute to your topic.
   1. This will be in the article section of your site.
   2. They will be in a tiled area format with each area being a consistent size.
   3. Each image does need to be the same size
   4. They will all be bordered.
   5. They will all have some space around them, i.e. they should not overlap.
   6. Each image should contain a caption giving a brief description of the picture.
5. All other areas within the page should be built similar to the home page.

**Video Page (video.html)**

1. Page will be built using the provided general instructions in mind.
2. Please create a **video.css** for formatting and decorating specific to your **video.html** file.
3. Embed a YouTube video of your choice.
4. The video(s) should be framed with a border and include a caption for your video(s)
5. Add a border to the iframe and change the color of the main area.
6. All other areas within the page should be built similar to the home page.

**Table Page (table.html)**

1. Page will be built using the provided general instructions in mind.
2. Please create a **table.css** for formatting and decorating specific to your **table.html** file. (border, collapse, background color)
3. The Main will contain a table providing information relevant to your topic.
   1. This content must be formatted using CSS.
   2. An example would be if the site was a tribute to a hockey player, the table would contain statistics for the hockey player’s past several seasons such as year, goals, assists, penalties, games played etc.
4. All other areas within the page should be built similar to the home page.

**Feedback Page (feedback.html)**

1. Page will be built using the provided general instructions in mind.
2. Please create a **feedback.css** for formatting and decorating specific to your **feedback.html** file.
3. This page will contain a form within the article section of your web page.
   1. Include the following form controls in your form
      1. Two text input fields with labels, one for a name and one for an email address (with Placeholders)
      2. A dropdown list with at least two option groups and three options in each
      3. A Text Area input field, with at least 7 rows and 50 columns
      4. A submit button (use css to add a background color to the button)
      5. A reset button that will clear the form of all input (use css to add a background color to the button)
      6. Create a fieldset with the legend “INSIGHTS”
      7. Checkboxes that use phrasing to describe positive attributes about your website, i.e. My Website is/was
         1. Fun to visit
         2. Well Designed
         3. Uses good colours
         4. etc.
      8. Radio buttons to ask if the person will come again, this will be done in a two-column manner controlled via the CSS.

Will you Visit my Site Again

⭘ - Yes ⭘ - No

* + 1. Create a fieldset with the legend “THINKING ABOUT IT”

All other areas within the page should be built similar to the home page.

**Hints:**

1. Build the HTML HOME PAGE first that will have all navigation items, header, footer, article and aside, etc. built correctly. Be sure to use HTML5 semantic elements and standards to do this.
2. Build the **main.css** for this homepage. Be sure to use CSS3 standards to do this.
3. Then create the other pages but doing a SAVE AS from that HOME PAGE and ensure all navigation items work correctly.
4. Use the homepage for all subsequent pages.

**RUBRIC: 30 marks worth 15% of your final grade**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Total Marks | Sub Marks | Description |
| Home Page | 10 | 2 | Well formed HTML 5 using semantic elements complete with proper indentation and folder structure. Deprecated attributes should not be used. |
|  |  | 2 | Home page follows design as illustrated in assignment |
|  |  | 2 | main.css is using CSS3 and is well formed with proper indentation |
|  |  | 2 | Navigation bar and Navigation Thumbnails work throughout the site, using appropriate visual indicators |
|  |  | 2 | Footer contains copyright, student name and number |
| Image Page | 5 |  |  |
|  |  | 2 | CSS3 for specific page |
|  |  | 3 | page works as described in instructions |
| Video Page | 5 |  |  |
|  |  | 2 | CSS3 for specific page is well formed with proper indentation |
|  |  | 3 | page works as described in instructions |
| Table Page | 5 |  |  |
|  |  | 2 | CSS3 for specific page is well formed with proper indentation |
|  |  | 3 | page works as described in instructions |
| Feedback Page | 5 |  |  |
|  |  | 2 | CSS3 for specific page is well formed with proper indentation |
|  |  | 3 | page works as described in instructions |
| Total | 30 |  |  |
| Mark out of 15% |  |  |  |

**SUBMISSION:**

This is an individual assignment – no two submissions should be identical in content, appearance, values, etc.

Your completed submission package all in one large zip file should include the following:

* Your file should be named as follows <your-first-name>-<your-last-name>-a2.zip where first and last are your first and last name. For example, Steve Sutherland’s submission should be named as steve\_sutherland-a2.zip
* Your completed website should include the entire solution including all relevant files.
* **Submit your zipped file to the appropriate dropbox folder on eConestoga.**

**\*\*\*\*DUE – Friday Dec. 9 12:00 midnight\*\*\*\***