Project 2

Due Date: July 30 (Note change from syllabus)

Project Description

This project gives you a chance to let your creative side come out! In this project, you will use your HTML experience as well as your newfound CSS knowledge to create an interesting and comprehensive web site.

You have just come into possession of a huge warehouse full of, well let’s say unusual objects. You decide that there is money to be made, so you build a new museum and become its curator. You call this venture:

The Museum of the Hard to Believe

You would like to advertise your new museum and get more visitors, so you decide to put your new skills in web design, HTML, and CSS to good use building a complete web site (multiple pages). Using various custom images, fonts, etc., the site will describe the attraction(s), as well as have general information about the museum for the inquisitive visitor.

Requirements

Create your museum web site using Komodo IDE, HTML5, and CSS, and/or other tool(s). Update your home page (index.html) by adding a link to the museum’s home page for easy access. Store your project files and folders on the server in a folder called project2. At minimum, your museum pages must contain the following:

- A cohesive overall design and custom color scheme, consistent across all of the pages of the site. CSS should be used liberally to ensure that all pages follow the color scheme and design.

- A custom banner at the top of all pages proclaiming your museum with an appropriate logo. The banner should be consistent across all of the pages. This should include the use of a custom Google font(s) at minimum.

- A hyperlink formed by the banner itself, or an image in the banner, that brings you back to the museum home page. Note this should work on all of the pages on the site.

- Highlight of a special event/display on the site home page.

- A horizontal navigation bar with links to at least three pages (in addition to the museum home page) within your site. While each of these pages should be stored in a different file, they should look like the user is just changing the contents section of the same page. Thus, consistency of your pages is crucial.

The three pages are:

1. VISIT: This page helps the visitor get to and get around the museum. This page should include a secondary (local) navigation bar that has options for (not necessarily in this order):
(a) Displaying the museum’s floor plan. Create this with any basic drawing software and/or an image found on the web. In any case, the resulting image should be clear (not fuzzy or blurry) and should fit in with the color/style of your site. Appropriate labels should highlight important areas of the museum, especially restrooms.

(b) Showing travel information. This portion of the page should include an image of a Google (or similar) street map of the town in which the museum is located. You should edit this map to include an some sort of icon of the museum at its location. Written directions (from the North and/or South, for example), coinciding with the map described above, should also be included.

(c) Displaying opening times and rates using a nicely formatted table; that is, it should look professional, not at all like the HTML default table, and look like it was designed as part of the page.

2. EXHIBITS: This page describes several of the regular exhibits in the museum. This page should be colorful, have several images, and be generally attention grabbing, while at the same time sticking to the overall design scheme and design principles.

3. SUPPORT or GIVE: This brings up a page with suggestions for donating to the museum, along with information about fundraising events, impact the museum has on the community, contact information, and the like. A table (or form) may be of use here.

4. You may include additional links to appropriate pages. Note that you may have “dummy” links; e.g., a label that “links” to another museum across the country that your company owns. It’s OK if such a link doesn’t actually work.2

Notes

In this project, you must use CSS to style all of your pages. Except where specifically indicated above, do not use tables to organize your content. CSS must be used for all layout.

Be sure to adhere to proper HTML and CSS usage and formatting. Your project will be tested using the HTML and CSS validators that are linked on the course web page. As you develop your site, check the validators frequently so that you know you’re on the right track before you add more content.

In this project, it is imperative to follow design principles as discussed in class and in the Web Style Guide. The pages should look much more professional than they did in the first project. Specific design considerations include:

- Balance
- Good use of color
- Alignment
- Contrast
- Good use of white space/padding

1You can situate your virtual museum anywhere you wish.
2It would be nice if you made a rudimentary page (just a heading, for example) for such links, though.
• Repetition (meaning each page should follow the same *general* template)

This is a chance for you to be creative. Simple quantity will not be rewarded, but good quality, imaginative graphics, and creativity certainly will be. Note that you do not have to be an artist to create a wonderful site. Make a truly unique museum! Do not make a site to a “normal” museum; remember the name of this attraction!

To make development easier, you may choose a fixed size for your pages. This size should be convenient for viewing the site on a laptop or desktop screen (not a phone or small device).

I urge you to look at museum or other sites on the web to get some ideas of how to organize your pages. Note that not all museum sites are well designed.

Because this is for educational (not for profit) purposes, you can legally use images taken from just about any web site.

**Project Submission**

For full credit, you must be sure your web pages and all necessary files are stored in your `www` folder on `cs.wheatoncollege.edu` by 11:59:59 PM on the due date. Remember to test your site by clicking on the new link on your home page, as well as all of the links on the new site. Uploading and ensuring everything works on a real server is a big part of these projects; leave yourself adequate time to upload and test your pages.