Final Website Project

You may NOT create web pages for this class using HTML authoring programs like DreamWeaver, SharePoint Designer, ExpressionWeb, InDesign, etc. You should also stay away from page or code generators or pre-made templates. This is your opportunity to start from scratch.

Purpose

Authentic assessment is a form of assessment in which students are asked to perform real-world tasks that demonstrate meaningful application of essential knowledge and skills (Mueller, 2005). The purpose of the website project for this course is to demonstrate your ability to apply the skills you have learned during the term by creating a real-world website project. This website project replaces the traditional pen-and-paper or computer-based final exam.

Overview

Your website proposal created earlier in the course is the roadmap to use for developing this final project. The website must contain a minimum of **10** newly created HTML5 web pages (not including files, such as .txt, .js, or .css). If you use another author's work or images you have found on the internet not created by you, you are also **required to include a references page,** which does not count toward the 10-page total. Your website must be original work created during this term and cannot have been previously created for any other purpose, and the 10 web pages count should not contain previous assignments for previous courses. Your project can be a website designed for your workplace, nonprofit/volunteer work, or another business/organization, real or fictitious. Hopefully, the project will be something of benefit that you can take away from this course.

It is important to look at the rubric for grading to ensure that you will be able to meet all of the necessary requirements of this assignment for success. Hopefully, the project will be something of benefit that you can take away from this course. Examples of student projects include, but are not limited to, the following:

- a website for your department at work (not intranet)
- a website for your entire company
- a website for your favorite non-profit organization
- a website for a home-based business you run

You will design and build the website you identified and explained in your website proposal assignment.

Your completed website must contain a minimum of 10 pages (not including the References or Requirements page, if you use other authors' work with their permission), properly hand-coded by you.

Please submit your URL in a text file to the Assignment Folder. Your submission must include the full URL of the `index.html` page of your assignment (i.e. http://username.github.io/cmst385/index.html).

Before submitting, please make sure everything works. Once you've submitted your project, no changes are permitted.

Criteria	What this means	Web Page or check
Web Pages	Your Website must consist of at least 10 pages	
	Your main page must have a link to your other pages	
	All other pages must have a link back to your home page	
	Each page must have a title (using the HTML title tags)	
	Each page has the proper HTML5 structure and should validate using W3c's HTML5 and CSS validators.	
	Each page has an appropriate background color or graphic	
	Graphics must be locally hosted and not linked from other web sites	
Web Site	Your site includes a substantial amount of well-written content. Easy to understand the business that the site is created to support	
	Your site includes copyright statement in footer section of each page	
	References page citing all content that isn't original in APA format	
	Your site includes a detailed Privacy Statement	

Graphics and Media	You have a minimum of two regular and two hyperlinked graphics. Text wraps around graphics to avoid awkward white space	
	There are no broken graphics or problems with aspect ratio. All graphics are well optimized for the web.	
	The site includes an original multimedia element that you create (Audio, Video, HTML5 Canvas, etc). This element should make sense in the context of the site	
	Your site includes a Web Form: Your form must be functional in order to score points. Your form includes a minimum of one text input field, one text box (textarea), a checkbox or radio button, and a select list.	
	Your form includes fieldset and legend elements	
	Form includes label and tabindex accessibility enhancements	
	Form must be styled with CSS so that form fields are a color other than the default white.	
	Must contain at least one required field (marked by asterisk*)	
	It must be validated using a JavaScript form validator. You can write this yourself or you can tap an existing script.	
Other:	CSS: The majority of formatting for your site is handled via an External Style Sheet (.css)	
	Validation: Your Pages validate without errors using the W3C HTML5 Validator and the W3C Validated HTML5 icon is placed at the bottom of the each page (only if page validates without errors)	
	Your site includes original JavaScript that you write yourself.	
	Your site includes TWO of the following: • A CSS based photo gallery • A working demo of a shopping cart • A within-the-site search	

Design and Usability	The site demonstrates an understanding of the 4 Page Layout Principles as described in class: Contrast, Proximity, Alignment, and Repetition	
	Site navigation is easy to use	
	The text is of a size, color, and style that is easy to read on the chosen background color or graphic	
	Text and graphic placement is visually appealing	
	There are unifying elements that make the pages seem that they belong together	
	Search Engine Optimization: Each page should have meta tags that are appropriate to that page including • Description • Robots • Author	
	Your site includes an XML Sitemap	