CCT360, Project 1

LEARNING FROM A PROFESSIONAL WEBSITE TO BUILD YOUR OWN SITE

Design objectives

This projects helps you build skills in organizing, structuring, labeling, designing and coding web content for a professional website. In the 1st phase of the project you will choose a Wikipedia article as the base of your content, and build a content strategy and Information Architecture which will inform your interface and interaction design of your website. In the 2nd phase of this project you will choose an existing major website from a Canadian public university or college to learn and model from, and rebuild the HTML5/CSS3 front-end from scratch with the Wikipedia article content. <u>All media content must be produced by you</u>.

Scope of work

You will select an open Wikipedia information page on your topic of choice with sufficient volume and complexity of at least 8 subsections of content. Images and other media used must be either your own work or open-licensed and with references for all media. Your website should be comprised of 3 pages:

1. Landing homepage (modeled after homepage)
2. Inner page (modeled after an inner page of the site)
3. Process page (based on overall design of the site)

Your project should include the following preparation steps, all of which must be reflected in the inner page:

1. **IA & Navigation**: Map the Wikipedia content to the Information Architecture that represents the navigation of content: research the content and choose the topic with purpose. Identify, clearly label and discuss all types of navigations for your IA: Structural, Associative, Utility – explain your design process. This section must be featured on the <u>Process page (3)</u> of your website.
2. **Major website**: Take any <u>Canadian public university/college</u> website that is suitable for your content, and that you personally like, and rebuild the HTML5/CSS3 front-end, on your own, from scratch, with reference for your Wikipedia article content:
   a. Select a website appropriate for your content and choose the site carefully
   b. Ensure that the <u>homepage and one inner page</u> is mocked up and your <u>process page</u> follows a matching template.
   c. DO NOT copy code, rather recreate the design using your own understanding of wireframes, information architecture, HTML and CSS. (Copied and pasted code directly from the model site will not be accepted)

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3. **Coding and programming**: Use HTML/CSS to develop a finalized standalone website which works on a recent version of Firefox, Chrome and Safari on a desktop computer. You are not required to make the site mobile responsive.
4. **Image and video assets:** All image assets should be produced by you and included in the packaged website.

Submission requirements

1. **Final website**: A compressed zip file of your HTML/CSS along with the digital media assets such as images and documents included in such a way that the uncompressed file is fully viewable in a local browser on any computer other than your own
2. **References**: In-page/in-code/process-page citation of model website
3. **Note**: The links to the home/inner/process pages should work, however the links to other pages and/or external pages do not have to work (you can link them back to the homepage or an "under construction" page
4. **Accessibility and usability**: Refer to guides and lectures discussed in class.
5. **Process page design and length**: This is determined by identification of genuine need for quality design and discussions of details presenting thinking, planning and execution of the project and could range between 3-6 pages in length and should be an <u>integrated HTML webpage</u> (**not** a standalone document such as a PDF, Word, etc.)
6. **File formats:** The compressed site file must be in <u>ZIP format and no larger than 30MB</u>.

Learning outcomes

- Apply the foundational process for planning a standalone professional website
- Demonstrate applied understanding of front-end web development and design using HTML/CSS

Evaluation criteria includes:

- [15%] Quality of the process presentation and discussion on a single matching web-page, with rationale for choosing the model website in relation to the open content, design decisions, IA and interface design considerations
- [15%] Quality of the rich digital media production adhering to best practices for web, relevance to the topic, and proper technical and design implementation
- [70%] Quality of the matched model website (design and development); use of proper HTML/CSS standards-based coding techniques based on learnings in class; semantic markup and adherence to best practices of development; organization and structure of code and assets

Note: A+ is reserved for complexity of implementation and projects that exceed all criteria, demonstrating significant effort in going above and beyond default project requirements.