

# Site Redesign Project

The purpose of this project is to give you experience working with an existing web site from a “client” where you are expected to modernize and updated the site based on modern design and coding practices. The “original” web site is located in a zip folder on Blackboard.

## Project Milestones:

- Site Map and Wireframe– Due March 1, 2018
- UI Design – Due March 15, 2018
- Final Web Site – Due March 29, 2018
- Class Presentation – Due March 29, 2018
- Bound Presentation – Due March 29, 2018

## Grading:

You will receive a grade for each of the five milestones listed above. Furthermore, when you present your project on March 29, 2018, each student will evaluate the members of their team and their contributions to the project and those evaluations will impact the grade individuals receive for the last three milestones.

## Requirements:

1. Your web site should be HTML5-compliant and should make use of all HTML tags appropriately.
2. Your presentation style should be in CSS and contained in a stand-alone stylesheet. Under no circumstances should you have inline styles in your project.
3. The web site needs to follow responsive design (I will be checking it on an iPhone 7 Plus, an iPad Pro 9.7”, a laptop, and a desktop) and should utilize progressive enhancement (meaning there should be evidence of HTML5 and CSS3 code in use on your web site for browsers that support it).
4. This web site should be built using HTML, CSS, PHP, and MySQL as appropriate, however the site cannot be built in WordPress.
5. All content included on the home page and all content pages should be written either by you or come from the existing web site. Any information acquired from other sources should be properly documented and should comply with all copyright laws.
6. Graphics and images should either be created by you, be royalty-free, or be from the existing web site. If an image is copyrighted, written permission from the copyright holder must be obtained and that written permission must be included in your bound presentation. Failure to do so is considered as stealing and will be treated as cheating in this class and you will fail the course for the semester.
7. You are required to have at least one functioning form on the web site.

## Site Map and Wireframe:

Use the drawing features of a word processing program, a graphic application, or software like Microsoft Visio to create a site map of your website that shows the hierarchy of pages and relationships between pages.

Use the drawing features of a word processing program, a graphic application, or software like Microsoft Visio to create wireframe page layouts for the home page and content pages of your site. Indicate where the logo, navigation, text, and images will be located. Do not worry about exact wording or exact images.

Your site map and wireframe is due on Blackboard before class starts on March 1, 2018.

## **UI Design:**

Using Photoshop, Illustrator, Fireworks, another graphic design program, or tool of your choice, create a graphical mockup of how the web site actually will look like. This does not require a functional web page at all. This graphical mockup will allow the client to see exactly what their web site will look like when finished so they can approve or suggest changes before you actually begin coding and building the web site. If the content pages are going to have a different layout than the homepage, there should be a UI design for the homepage and one for the content pages.

Your UI design is due on Blackboard before class starts on March 15, 2018.

## **Final Web Site:**

Your final website is due on March 29, 2018. A zip file of your entire web site including all source files, images, and multimedia files should be uploaded to Blackboard before class starts on March 29, 2018. Also, the site must be hosted on one of the team members web server and the URL emailed to the professor by the start of class on March 29, 2018.

## **Class Presentation:**

On March 29, 2018, each team will be presenting their project to the class. You will need to be prepared to show your website to the class. Presentations should be 15-20 minutes long and will be followed by a time of question and answers from your peers. A PowerPoint is required in addition to showing the actual web site. Each person on the team must present during the presentation.

## **Bound Presentation:**

On March 29, 2018, you are expected to turn in a bound presentation for your project. This bound presentation will include final versions of everything you have turned in for the project. You need to have a cover page that includes the names of the group members, the name of your web site. Creativity in your cover sheet can result in up to 10 extra points on your bound presentation. Your bound presentation should have the following sections (separated by typed, not handwritten, tabs):

- Analysis and Design
- Class Presentation
- Code
- Screenshots

In each of the sections, you should have a final, updated version of the corresponding documents. For the class presentation, you should include a printout of your PowerPoint slides (2 per page) that you will show as part of your presentation in class. For the code section, you should have a printout of the source code files for every page of your site as well as your CSS stylesheet(s). For the web pages, they should be ordered as they are in the site map with the stylesheet(s) coming after the web pages. There should be a screenshot of every page in your web site with one screen shot per page. The screenshot should take up the full page. You also should have a CD with a copy of all of your source files and any images and multimedia files used and should be attached to the inside back cover of your bound presentation.