

Project 1 - Personal Website

INFO/CS 2300

Introduction

Project 1 is your chance to demonstrate your knowledge of HTML, CSS, PHP, and to give us a chance to get to know you as well. Your first project for the course is to build a small 4-5 page website about yourself or something you're passionate about. A personal site should include your basic Cornell student information (college, major, year, etc.), extracurricular interests (e.g. club and sports involvement) and your interests as a person (but nothing too personal!).

While this course is mostly about using server-side technologies, we're still interested in your ability to create visually interesting, well-designed websites using ideas that were covered in INFO 1300, so make sure that your site is well-designed and appealing. Additionally, we will be testing PHP, so your site must include most of the PHP elements we've covered in class. It's up to you to determine how these elements will be incorporated.

Required elements

~~Your finished site must meet the following criteria:~~

- ~~1. The site must demonstrate the PHP we've been using in lecture through Wed. Jan 28.~~
2. The site must be stored in your home directory on the 2300 server in the **p1** folder. The main file should be either **index.html** or **index.php**. If the folder **p1** does not exist, make one. Put all your **ready-for-grading files** in **p1**. Remember, please don't make any change to the files in the p1 folder after the deadline, otherwise, it looks like you were late.
- ~~3. The site should have 4-5 pages (at least 4 pages). You can have more than this. We won't necessarily look at more than 5.~~
- ~~4. Every web page must be validated.~~
- ~~5. The site should have at least 3 images.~~
- ~~6. The site should be well designed, have a consistent "look and feel," and have clear navigation.~~
- ~~7. Your site should display reasonably well (not necessarily identically) across Firefox, Chrome, and Safari browsers.~~
8. Your code should be **well formatted and readable**. Use indentation to keep nested content clear. Keep your code efficient, neat, and organized so that the TAs can easily read it and understand it. Use of explanatory comments in code is encouraged and expected.
9. You should write a 2 paragraph design rationale (200 words max) explaining your target audience, design choices, and PHP functionality.
 - ~~○ The first paragraph should tell us who the site is intended for and how various design decisions (e.g. color scheme, navigation layout, overall look and feel) were made to address your intended audience. The second paragraph should describe the PHP elements you incorporated and how they improve the user (or development) experience on your site.~~
 - ~~○ Additionally, please include a sentence stating the WOW elements you implemented (no justification required). WOW elements (10 points) are your opportunity to go above and beyond the basic requirements in the rubric and are necessary to get full credit on the project. Some WOW elements to think about (not limited to the following options):~~
 - ~~▪ Styling of the website is particularly impressive~~
 - ~~▪ Creative, interesting content theme~~
 - ~~▪ Use of Regular Expressions~~
 - ~~▪ Use of advanced, originally-written Javascript or JQuery (If you already know some)~~
 - ~~▪ Extensive use of PHP~~
 - ~~▪ A responsive website that works well on mobile as well as desktops~~
 - ~~▪ A well written, strong, convincing design rationale~~
 - This file should be called "rationale.txt" and uploaded to **both CMS and the p1 folder on the server**. Please approach this part of the assignment thoughtfully; in order to have a well-designed site, it is necessary to think through who the site is for and how it has been designed for them. The rationale shows us your care in designing a site for your audience -- or it can show us your lack thereof.

Grading

~~Your grade will be based on a weighted average of the following dimensions:~~

- ~~• 10% Design and Theme~~
- ~~• 10% Content~~
- ~~• 45% PHP interactivity~~
- ~~• 10% Design Rationale~~
- ~~• 15% Code clarity~~
- ~~• 10% WOW Points~~

~~We'll be looking for the elements below as we look at your rationale and your site--and you can use this checklist yourself to see how you're doing.~~

~~Rubric Details:~~

~~1) Design and Theme (15%)~~

~~Details: You will be graded on how well your site meets each of the following criteria:~~

- ~~-Pleasant to look at and use~~
- ~~-Creative and interesting~~
- ~~-Site is easy to use~~
- ~~-Color and design support content in delivering the message~~

~~2) Content (10%)~~

- ~~2.1) Does the site have at least 4 pages of content?~~
- ~~2.2) Are there a reasonable number of images on the site? (at least 3)~~
- ~~2.3) Is there a clear navigation structure?~~

~~3) PHP Interactivity (45%)~~

- ~~3.1) Does the website make use of the following PHP elements?~~
 - ~~• PHP Variable~~
 - ~~• An Array~~
 - ~~• A Conditional Clause~~
 - ~~• A Loop~~
 - ~~• A (Non-trivial) User Defined Function (Cannot simply wrap standard PHP functions in method declaration or implement a method that increments a variable)~~
- ~~3.2) Does the website make use a form with at least 5 different form elements?~~
- ~~3.3) How well does the PHP work?~~
- ~~3.4) Does the PHP functionality fit with the site?~~

~~4) Design Rationale (10%)~~

- ~~4.1) Does the design rationale identify the target audience?~~
- ~~4.2) Thoughtful justification of design choices based on concepts, cases, and arguments.~~
- ~~4.3) Does the design rationale effectively explain why design choices are made for the target audience?~~
- ~~4.4) Clear discussion of structuring and choices around PHP code~~
- ~~4.5) Does the design rationale contain information about which of the WOW elements were attempted~~

~~5) Code Clarity (10%)~~

~~5.1) Does the HTML validate?~~

~~5.2) Are the HTML, CSS, and PHP well-formatted, commented and readable~~

~~5.3) Are the files well-organized (CSS folder, Images folder, no redundant code) /Is the correct doctype used? (HTML5 or XHTML) ?~~

~~WOW Elements (10%) -- Must be strong in (at least) one of these areas to receive credit~~

- ~~• Styling of the website is particularly impressive~~
- ~~• Creative, interesting content theme~~
- ~~• Use of Regular Expressions~~
- ~~• Use of advanced, originally written Javascript or JQuery (If you already know some)~~
- ~~• Extensive use of PHP~~
- ~~• A responsive website that works well on mobile as well as desktops~~
- ~~• A well written, strong, convincing design rationale~~