

Final Project

Due Tuesday by 11:59pm	Points 200	Submitting a file upload	File Types zip
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Create a multi-page portfolio website that includes a homepage and a menu of your own design. The menu should link to at least 3 other sections of your own making. Make one of the sections a photo gallery using techniques learned in the course (the photos don't have to be personal ones if you don't want), the second section should include a form that collects information about site visitors, and the third section should be a tutorial on your favorite JavaScript subject/technique that you learned in the course. This section can be one page or multiple pages depending on how long your tutorial is. For the tutorial be sure you include code examples that make use of this code highlighting library: <http://alexgorbatchev.com/SyntaxHighlighter/> [\(http://alexgorbatchev.com/SyntaxHighlighter/\)](http://alexgorbatchev.com/SyntaxHighlighter/)

Both design and functionality are part of the assignment. If you wish to be artsy, also be sure that your design is usable to wide audiences. Use a consistent color scheme and a font selection that is appealing but won't turn away your potential visitors. (Think of users with visual impairments).

You will be turning in your assignment as a .zip file archive by using the 'Submit Assignment' button to the right of these instructions, just like all your other projects in this course. **Be sure all parts of your web site are thoroughly tested and work before you submit the final version!**

For simplicity here are the requirements:

- Your website must have a home page with a menu that uses CSS and/or DOM scripting techniques learned in the course.
- Create 3 other pages of your own making:
 - A photo gallery using the techniques learned in the course (the photos can be of your own choosing but don't have to be personal ones)
 - A page that contains a form that collects information about site visitors. The form should include required fields such as email, zip code, birth date, and telephone number. Make the form action submit to itself (the same page) or a form processor. The form should validate all data. The form should not be able to be submitted unless the data is valid, and the user should be notified what to fix in order to get the form to be correct.
 - A page or series of pages that is a tutorial on your favorite JavaScript subject/technique that you learned in the course. If there are more than one page of the tutorial, be sure each page of the tutorial is able to be accessed via the menu or a sub-menu navigation scheme. Include code samples that make use of this code syntax highlighting library: <http://alexgorbatchev.com/SyntaxHighlighter/> [\(http://alexgorbatchev.com/SyntaxHighlighter/\)](http://alexgorbatchev.com/SyntaxHighlighter/)
- All pages must have the same menu and be easily navigated to without the user having to click the browser's "back" button. Every page of the site should be accessible from any other page and there should always be a way to get back to the home page.

Your project will be scored based on the rubric below:

Final Project Rubric

Criteria	Ratings					Pts		
Project Design view longer description	Good design practices. Just the right amount of steps beyond 'minimalist' that still communicates to the intended audience. 40 pts		Something in your design doesn't follow 'best practices' for web design. See instructor comments for specifics. 25 pts		No design at all - just plain black and white and default fonts were used. 13 pts	Did not turn in assignment 0 pts	40 pts	
Deployment Ready view longer description	All files are present in the submission 40 pts	There are missing files that break the visual design of the submission 25 pts		There are missing files that break the design AND functionality of the submission 13 pts		Did not turn in assignment 0 pts	40 pts	
Code Commenting view longer description	All necessary lines of code of the project are commented and explained thoroughly 40 pts		Missing JavaScript comments in some locations (i.e. when HTML makes JavaScript calls) 30 pts		Some code comments are present but is rather haphazard and sloppy. 20 pts	Did Not Submit Assignment or there were no code comments at all whatsoever in the project 0 pts	40 pts	
Project user interface view longer description	The user interface should emphasize your design skills along with usability requirements. All clickable menu items should be indexable by search engines by using HTML/CSS instead of images with text for the individual selection items. Mouse interactions should be consistent and easy to initiate across all major web browsers. The JavaScript tutorial should make use of the code syntax highlighting library: http://alexgorbatchev.com/SyntaxHighlighter/ 40 pts			User interface is observed to be clunky or difficult for search engines to index. Mouse interactions are difficult or are inconsistent. No syntax highlighting library used for JavaScript tutorial portion of site. 20 pts	User interface is poorly implemented. This design should not be published to the web unless it's fixed first. No syntax highlighting library used for JavaScript tutorial portion of site. 10 pts	Did not turn in assignment. 0 pts	40 pts	
Error Free view longer description	No errors in the project. It works as specified. Well done! 40 pts	There are some errors that show up in the error console that should be looked at but the project still works. 25 pts			There are some serious errors remaining in the project that cause it to malfunction completely. 13 pts		Did not turn in assignment 0 pts	40 pts
Total Points: 200								

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