

EXSM 3932: HTML5 Fundamentals Project

Due Date: October 3, 2021 @ 11:59PM

Project Description

In this final project, you will demonstrate the skills learned from this course to create a blog on any topic of your choice, so long as all requirements below are met. A blog is a regularly updated web page in which the author delivers a conversational piece on a certain topic. Your blog will consist of at least three pages: the main blog post page, a page about the author, and a contact form in case a user wishes to communicate with you. If you wish to go above and beyond the requirements of this project, you are welcome and encouraged to do so!

W3C HTML5 Validator

The [W3C Validator](#) is a free service by W3C which checks over your HTML code to ensure that it is error free. It is an important tool to ensure better ranking on search engine results, proper display for all users, and to ensure that best practices are being implemented. In order to receive full marks, your HTML code must be cleared by the validator. The validator makes a separation between errors and warnings. **Errors** present in your submission **will result in a grade of zero for this project**.

Project Requirements

Requirements for all pages:

- ☐ No W3C HTML validator warnings.
- ☐ A common area such that any page on your website can be accessed from any other page. The current page should not be a link. No navigation links should fail to load their respective pages.
- ☐ Page is structured (use of *header*, *main*, and *footer* to separate content) and semantic (use of *article*, *section*, *aside* and *nav* where appropriate). Appropriate use of *i*, *b*, *em* and *strong* is also included in semantics (if you use them).

- ☐ Best practice use of headings (no skipping heading levels).
- ☐ Form elements are paired with label elements. Clicking the labels sets focus into their paired field.
- ☐ All images load. Alternate text is provided if the image were to not load.
- ☐ Each page bears a relevant title in the browser tab.
- ☐ Content is free of grammatical and spelling errors.
- ☐ HTML is properly indented and readable.
- ☐ [Deprecated elements](#) and [attributes](#) are not used.

Requirements for main blog page:

- ☐ A few paragraphs (“posts”) consistent with the topic of your blog, divided by sections.
- ☐ At least one image.
- ☐ At least one list.
- ☐ Named correctly so that a web server will load it by default in the directory.

Requirements for author page:

- ☐ A few sentences about the author (you).
- ☐ An inspirational quote (cited using the appropriate attribute) using the *blockquote* element.

Requirements for contact form page:

- ☐ Text input for commenter’s name.
- ☐ Text input for commenter’s email address (validated).
- ☐ Block text (multi-line) input for the comment.
- ☐ Radio buttons for the user to select (yes/no) whether they want a response to their comment.
- ☐ Submit button that submits the form to this page using the POST method.

Project Total: /21