

Web Project Check: Creating a Website

Points: 500

Purpose: To help students to prepare for the final version of their website and to publish the website. Students' websites will be checked for required HTML and CSS files, HTML5 elements and validation. Students will receive feedback on their websites in order to correct and to improve the look and design of the website. Elements that are missing will be noted as well as validation errors. Students should use the feedback to correct validation errors, add missing elements and/or improve the look and design of their website.

Publishing websites will be the next assignment; thus, students should work hard to make sure their site is ready to publish. Students will be able to add and/or correct their websites after publishing.

The second round of web project critiques will occur after websites are published. This assignment is another check and is another opportunity to fix issues, add missing elements and/or correct validation errors. Students will critique each other websites, thus more feedback will be available for each student.

Requirements

The home page must be named, **index.htm or index.html** as many web-hosting services do not accept other filenames for the home page. *Any website that does not have the home page named index.htm or index.html, will have **50 points will be automatically deducted** from the total points.*

*The beginning of each file must have your name, the date, the filename and the supporting files. An example of this would be the data files from our tutorial assignments. This is part of the documentation for files. Without this documentation, **50 points will be deducted** from the total points.*

Three HTML5 pages: 50 points. index.html must be one of the pages. Instructor discretion will be used for websites, which contain more than three HTML5 pages.

HTML5 Elements: 55 points. Student choice of HTML5 elements.

Navigation Elements: 25 points. Must be user friendly without broken links.

Linking your pages constitutes a navigation scheme, thus you want to keep in mind these questions. Is my navigation simple – easy to use? How many clicks does it take to find information? For this question, ask yourself a question about your site's topic and then go find the answer on your site – how many clicks did it take? It should take not more than three clicks to find information. Make sure all the links work and that all the pages are linked to one another.

Three different design elements: 30 points. Keep in mind that images/graphics, fonts and colors have a significant impact on your site. Consider using a color scheme – shades of the same color. For example, a site on nature would want to project the outside by using greens or browns – natural colors.

Content: 10 points. Placeholder content is not accepted.

Table: 25 points. Must include a border, table caption, row or column span, color, content or data.

Form: 25 points. Includes a legend, labels, input boxes, default value or placeholder text, selection list, check boxes and text area box.

Multimedia: 40 points – 20 points each. Incorporation of sound **AND** video .

Linking to a video or a sound is not accepted. Controls attribute and media player styles must be included. **Sound: 20 points Video: 20 points**

Responsive or Mobile Component: 45 points. Student choice.

CSS: At least three style sheets must be used: **45 points.**

1. reset.css: This style sheet should be used for all the default styles for your web project and/or any elements that need to be reset. **5 points**
2. layout.css – contains the layout of your website. **20 points**
3. styles.css – contains additional styles, not your layout styles. **20 points**

Validation: Validate your HTML5 and CSS3 files and correct any errors. CSS validation errors are normally typos/syntax errors, thus you should not have any difficulty validating your CSS. Make sure that you correct your errors, as I will also validate your site. Warnings are acceptable. Errors that are related to the textbook will not have points deducted.

HTML5 validation: 100 points. 25 points off per error

CSS3 validation: 50 points. 15 points off per error If a required CSS file is missing, **15 points will automatically be deducted for each missing required CSS file.** It is not ethical to get full points for CSS validation with missing CSS files.

Please keep in mind that your site should work in Firefox and Chrome and in various monitor resolutions.

Please use the **Web Project Rubric** to check off each required element.