



**CSCI 102 - Computer-Mediated Communications**  
**Spring 2020**

**Final Project**

Create your own 5-page Web site. Any topic is okay so long as it is school-appropriate. Each site must be original and unique.

The topic/theme of the major project must be selected by the students and should be based on any of the following:

- **Educational:** Sites like University or High School
- **News:** Sites like CNN news, BBC news, FOX
- **Business:** Sites like Yahoo finance, CNBC, Bloomberg.com
- **Online Job Board:** Sites like Indeed, CareerBuilder, job.com, monster.com
- **Photography:** Sites like Photosite.com, Google's Picasa, Flickr.com
- **E-commerce:** Sites like Amazon.com or Ebay.com, Alibaba.com, flipkart.com, Walmart.com
- **Portfolio:**

**READ ALL OF THE REQUIREMENTS CAREFULLY.**

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**A. Main Requirements**

1. 5 or more HTML pages
2. All presentation is controlled by CSS (not outdated HTML methods)
3. All HTML pages pass [HTML validation](#)
4. All CSS passes [CSS validation](#)

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## B. Usability Requirements

1. **LAYOUT.** The arrangement of text and images on each page should be attractive and well organized.
2. **NAVIGATION.** Each page links to each of the others. The navigation must be visible without scrolling, and located in the same place on every page. The only exception is the page which serves as a "pop-up".
3. **CONSISTENCY.** All pages are consistent in the layout: navigation, content, logo, etc. are always in the same place on the page.
4. **TEXT.** The text is large enough to read and contrasts strongly with the background color.
5. **IMAGE SIZES.** Each image should be original. Avoid copying from online.
6. **TITLES.** Each page must have a logical <title> element that identifies both the Website and the topic of the page.
7. **JavaScript.** Add interactivity to at least one page.

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## C. Content Requirements

1. **TEXT.** Each page must have at least one heading (e.g. <h1>) and at least one paragraph of text. This text must be styled in CSS.
2. **IMAGES.** Each page must have at least one image (it can be the same image.)
3. **LINKS.** Each page must have at least one link to an outside URL. Styling the links in CSS is optional.
4. **TABLE.** At least one page must have a table. The table must have a row (<tr>) of table headers (<th>) at the top and at least one row of table cells (<td>). The table must have at least two columns of data. The table must have some CSS styling.
5. **LIST.** At least one page must have a list. The list must be coded as an HTML list (<ol>, <ul>, <li>, etc.) The list must have some CSS styling.
6. **COLORS.** Colors are properly used in all pages

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## D. Getting Started

1. Create a folder in your root folder called **webproject**.
  2. Make a new **index.html** in Notepad++, and save it inside your **webproject** folder. Your home page *must* be called **index.html**.
  3. Make a new **style.css** in Notepad++ and save it in css folder.
  4. Make a new script.js in Notepad++ and save it in js folder.
  5. Name your other Web pages whatever you like, being sure to end the file name in ".html".
  6. Complete the coding of the Website according to the *Requirements* listed above.
  7. Save and test the pages frequently as you work.
  8. Test all your pages in the appropriate validators, linked above.
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## E. HTML Skeleton

```
<!DOCTYPE html>
<html>
<head>
    <title>Title goes here</title>
    <meta charset="utf-8">
    <link rel="stylesheet" type="text/css" href="style.css">
    <script type="text/javascript" src="script.js"> </script>
</head>
<body>
    page content goes here
</body>
</html>
```

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## F. Turn in Your Work

To complete the lab, submit your URL/zipped folder for the project work.

URL should be:

[http://myweb.students.wvu.edu/~\(login name\)/CS102/\(secret folder\)/webproject/index.html](http://myweb.students.wvu.edu/~(login name)/CS102/(secret folder)/webproject/index.html)

Replacing (login name) with your login name and (secret folder) with your secret folder name.

- If your login name is nana24 and your secret folder is MonaLisa, then the web address for your page is:

<http://myweb.students.wvu.edu/~nanab24/CS102/MonaLisa/webproject/index.html>

- Note, if you double-click the file you saved in the folder directly, a web page will appear beginning with file://. This is the wrong web address, your TA, and your instructor will NOT have access to your work through this address.

**Your zipped folder should be:**

- **finalprojectlast\_name.zip**

*The information contained in this project is subject to change, any changes will be announced in class.*

**Rubric**

Criteria		Ratings	Points
Layout		Ful Marks 10.0pt	10.0pts
Navigation		Ful Marks 10.0pt	10.0pts
Images		Ful Marks 10.0pt	10.0pts
Links		Ful Marks 10.0pt	10.0pts
Table		Ful Marks 5.0pt	5.0pts
Colors		Ful Marks 10.0pt	10.0pts
List		Ful Marks 10.0pt	10.0pts
Responsive pages		Ful Marks 5.0pt	5.0pts
Form		Ful Marks 10.0pt	10.0pts
JavaScript		Ful Marks 10.0pt	10.0pts
Presentation (video)		Ful Marks 10.0pt	10.0pts
		Total Points	100pts