

IT 101: Semester Project

Minimum Requirements

1. At least 5 web pages, all of which are linked to each other.
2. At least 5 hyperlinked files, including each of the following: a word-processing file, a spreadsheet, a pdf file, a graphics file (such as jpg, gif, or png), and a program file (such as JavaScript, Perl, VisualBasic, C++, or Python), and a video file (such as mpg, mov, avi, wmv).
3. At least one radio button or picture with hyperlinked functionality.
4. At least two external hyperlinked URLs.
5. At least one iteration loop (such as “for” or “while”) using JavaScript.
6. At least one use of an ordered or unordered list.
7. Use of at least 2 different fonts.
8. Use of at least 2 different font sizes.
9. Use of three font emphases: italicized, underlined, and bold.
10. Use of at least 2 font colors.
11. Use of at least one table.
12. An appropriate background picture.
13. Appropriate layout, coloring, styling, and usability.
14. Use of at least 2 anchor tags.
15. Use of at least one email tag.

Extra Credit

Any two of the following options may also be implemented, for 3 extra-credit points each, for a maximum of 6 possible extra-credit points. These points will count to your overall grade, not just your grade for this project.

1. Use of a database, such as MySQL, SQLite, Oracle, etc.
2. Use of CSS.
3. Any kind of protection or authentication mechanism, such as htaccess, httpassword, login capability, etc.)

Content

You may choose the content of your website from the following:

1. A website of misinformation. The purpose of this website is to convey some misinformation in a way that is appealing and convincing. It should appear as authentic as possible, even though some of the content is questionable. You may choose any topic for the misinformation, though we would recommend one of the topics covered in this class. Wikipedia is a classic example of an information website; yours should appear just as credible.
2. A website of your choice, to serve any function you may find useful. We encourage you to think about needs you have or are aware of, and how a website might help meet those needs.

Guidelines

1. Beware of over-ambition. It is easy to think of lots of function you would want to add to a website, but it may not be feasible to do it all in the time available (and appropriate) for this class.
2. Do not stress too much over this – make it a fun learning experience with your team!

Grading Rubric

The entire project is worth 100 points. Five points will be deducted for each of the Minimum Requirements not completed. Additional points will be deducted for not following the layout, coloring, styling and usability guidelines covered in class. Because this is a beginning class, you will not be graded on the total look, feel, operability, and quality of the website; you will be graded on whether you implemented each of the requirements.