



Project



Project

INF 240 – “Website Development”

Spring Semester 2019

Project

If you have any questions; if you are not sure what is required; if you are not sure if what you are doing is correct; etc., then please consult me.

Any assignment which is late and/or does not contain the requested sections in the report will not be considered for an A or A- grade.

Task

Implement a **Web site for some business or organization**, comprising a 4-5 linked pages (maximum). Any extra pages will be ignored by me and will not gain any extra marks. You may choose the type of business, which should be imaginary. It may be hotel, bank, shop, whatever.

You **must** use “raw” XHTML markup, CSS and Javascript to develop this Web site. Said in another way: the site must be developed “by hand”. The use of Web design software packages such as Adobe *Dreamweaver*, or Microsoft *Expression Web*, or similar is **not** allowed for this assignment. If you do use such a package, then your assignment will receive a zero mark.

You must develop your Web site with a text editor such as Microsoft *Notepad* (or one of its variants) that allows you to enter HTML elements, CSS rules and content. You may use your own computer or an AUBG computer for your Web site development.

Note: There are better variants of *Notepad* such as *NotePad++*, *NoteTab Light* – available in the IS and COS Labs. These derivatives are also freely downloadable from the Web, and you may install them on your own PC or laptop.

If you do not understand these instructions, then please consult me. The amount of XHTML, CSS and Javascript required for this assignment need not be excessive. The XHTML, CSS and Javascript must be your own work. Do not copy from anyone or anywhere.

Project Requirements

- a) You must use exclusively XHTML, CSS and Javascript that you yourself have developed and typed using a text editor such as Notepad or one of its variants.
- b) You must use XHTML markup. See the lecture notes or use the WWW to remind yourself of the strict syntax requirements for XHTML. XHTML also requires some extra statements at the top of your Web page. **Any none-XHTML pages will receive zero marks.** You must validate your site as XHTML (See later.).
- c) You must use colour, links and images as well as text in your Web pages. You may also use multimedia and Web 2.0 technologies such as a blog where appropriate.
- d) **You must host your web site in your W: network drive space.** And it must be accessible by me!.
- e) **Your Web site must not be previous work, neither for any other course nor as a work project.** It must be newly created for this assignment only.

Web Site Requirements

- a) **Your site must have a home page, and a 3-4 “auxiliary” pages.**
- a) Your web pages should demonstrate a thoughtful, professional design, and have a good “look and feel” appearance. All text must use good English grammar, and be spelt correctly. All links within the Web pages must work.
- b) Any linked page should include navigation links back to your home page, and perhaps to other pages you have created. The links can be text or images, or both.
- c) Include one or more images/photographs in at least one of your web pages.
- d) All your images/photographs must be stored in their own, separate folder.
- e) Attention must be paid to accessibility issues – use of contrasting colours for foreground text and background; reasonable font-size for text; etc.
- f) Pay particular attention to the use of
 - imagery (icons and pictures)
 - text (grammar, spelling and expression must all be correct)
 - page layout and visual design

- information design/architecture
- navigation systems
- site labeling
- typography
- colour
- multimedia such as sound and/or video
- Web 2.0 artifacts such as a blog, podcast, etc.
- JavaScript effects

Failure to observe any of the requirements will result in mark deductions that will seriously damage your grade.

Deliverables

Before starting your assignment, please read the notes in the following **Notes** section.

You must submit to me a report that details your Web site, and this report must include a number of specified sections:

1. A front page with your name, course title and assignment name.
2. A second page which contains a signed and dated declaration in which you state that the submitted assignment is all your own work; that you did not copy the material from someone else; that you did not use any Web design software; and that no one but you developed the web site.
3. Also on this second page you must also specify if you have completed successfully the assignment. If you have not completed the assignment, you must say so and explain why.
4. Pages that explain and describe the features and functionality of your web site, and includes the website URL, and indicates the software you used to develop the site. Describe each page, what it contains and why you chose this particular layout and design.
5. If you have included any extra features in your Web pages, you must document these and explain them.
6. Screen shots of your Web site in action. You must have enough screen shots to demonstrate all features of your Web site. (If you need instructions how to take screen shots, then please ask me!). The screenshots must be annotated with text that explains what each page is.

Failure to provide any deliverable will result in the loss of marks.

It is crucial that you do hand in something to me even if your Web site is

incomplete. If you do not hand in anything, I cannot give you any marks at all. If you hand in something, at least, I can give you some marks.

Additionally, I may ask you to demonstrate the program.

Notes

Think about how you present your assignment. This is extremely important. You need to be able to communicate your accomplishments with the rest of the world (especially me!). A badly presented assignment will lose marks. Always think about presentation – choose a suitable, readable layout, font, font size, etc of your documentation.

The maximum mark for answers that cover all the basic points of the assignment will be 89%. To get near 100%, your web site and your report will have to demonstrate superior knowledge, understanding and application on the part of the student. Please remember that it is the sole prerogative of the professor to judge.

Academic Honesty

Answers must be individual effort. Your work must be yours, and yours alone. No collaboration or copying is allowed. Identical or essentially similar assignments will receive a zero mark.

Public Health Warning

Not following instructions will result in mark deductions that can seriously damage your grade.

Deadline

The assignment is due by

Because the deadline is so close to the end of the semester, a late assignment will not be accepted.