

IMED 1316 Semester Project (Spring 2018)

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Overview

The purpose of this semester project is to design a Web site using recommended design practices. Your Web site might be about a favorite hobby or subject, your family, a church or club you belong to, a company that a friend owns, the company you work for, and so on. Please note that you cannot use your personal biography page, the Spotted Wren Garden Center Independent Challenge, the Murfreesboro Regional Soccer League Independent Challenge, the Hotel Natoma Independent Challenge, the Eating Well in Season Independent Challenge, the Pacific Trails or JavaJam Coffee House Case Studies (from previous semesters textbooks), or any other examples shown in class or from the textbook for your project. Also, projects done/attempted for a previous class are also not allowed. Your Web site will contain a homepage and at least six (but no more than ten) content pages not counting the homepage (so a minimum of 7 pages are required for the project). This semester project is for you to design, create, and publish an original Web site. Your Project will demonstrate mastery of the web development skills and concepts learned in this course.

The project must be your own design and be completed by you — the use of free or purchased web site templates are not permitted (for example, those found in Dreamweaver, purchased or free, blog or social networking templates such as Drupal, WordPress, Blogger, Facebook as well as the textbook's Case Study Lab). If it is perceived that a web template has been used, the project grade will be no higher than "below average" (D).

Students sometimes wonder about what a "page" should contain. The answer is that to count as a "page" in your web project, a web document must be designed in a manner consistent with your site and contain content of value that includes text and images. Web page documents that have little or no content of value to your intended audience or consist only of an image or a PDF will NOT be counted as a "page".

Grading

You will receive 10 grades for the different components of your semester project and combined, these 10 grades are worth 30% of your semester grade. When you present your project on May 1 and May 3, 2018, your peers will be doing peer assessments on your project and their assessments will calculate into part of your semester project grade.

Project Milestones

- Part 1 – Due February 8, 2018
 - Topic Approval (must be approved before moving on with the rest of your project)
- Part 2 – Due February 20, 2018
 - Project Plan
- Part 3 – Due March 1, 2018
 - Storyboard
- Part 4 – Due March 15, 2018
 - Wireframe
- Part 5 – Due April 5, 2018
 - Update 1
- Part 6 – Due April 24, 2018
 - Update 2
- Part 7 – Due May 1, 2018
 - Final Web Site
 - Class Presentation
 - Bound Presentation

Requirements

1. Your Web site should be HTML5-compliant and should make use of all HTML tags appropriately.
2. Your presentation style should be in CSS and contained in a stand-alone stylesheet. Under no circumstances should you have any inline CSS styles.
3. All content included on the home page and all content pages should be written by you. Any information acquired from other sources should be properly documented.
4. Graphics and images should either be created by you or be royalty-free. If an image is copyrighted, written permission from the copyright holder must be obtained and that written permission must be included in your bound presentation. Failure to do so is considered as stealing and will be treated as cheating in this class and you will fail the course for the semester.
5. All deliverables should be typed on a computer. There should be nothing handwritten or hand-drawn as part of your deliverables.

Part 1: Topic Approval DUE: February 8, 2018

Topic Approval

Your instructor must approve the topic of your Web site. Write a full one-page paper with a discussion of the following items:

- What is the name and purpose of the site? List the Web site name and the reasons you are creating the site. Please note that answers similar to “because I am required to for my class” are an unacceptable reason for why you are creating the site.
- What do you want the site to accomplish? Explain the goal you have for the site. Describe what needs to happen for you to consider your site a success.
- Who is your target audience? Describe your target audience by age, gender, socioeconomic characteristics, and so on.
- What opportunity or issue is your site addressing? Note: Your site might be addressing the opportunity of providing information about a topic to others, creating an initial Web presence for a company, and so on.
- What type of content might be included in your site? Describe the type of text, graphics, and media you will need for the site.
- List at least two related or similar sites found on the Web. Explain why you chose them.

Your paper should be written in complete sentences, at 12 point, Times New Roman, at 1.15 spacing. If your paper doesn't extend close to the bottom of the page, you will not receive full credit. Your paper is due on Blackboard before class starts on February 8, 2018.

Part 2: Project Plan DUE: February 20, 2018

Planning Analysis Sheet

Write a one-page paper with a discussion of the following items:

- What are the goals and objectives of the website?
- Who is the target audience?
- What type of website is it?
- What is the budget for the project?
 - For this semester project, you CANNOT charge for the web site. Even if you are doing it for a business, they cannot pay you for the work performed on this web site.
- What is the timeline for the project?
- What information do I need?

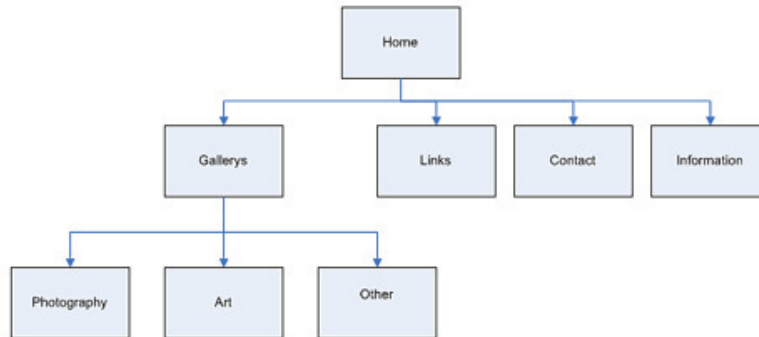
List the sources of the content (facts, text, graphics, sounds, video) for the Web pages you listed. While you should write the content yourself, you may use outside sources for royalty-free images and multimedia.

Your paper should be formatted with the same headings as the project plan from Unit A (page 3). Your paper should be at 12 point, Times New Roman, at 1.15 spacing. If your paper doesn't extend close to the bottom of the page, you will not receive full credit. Your paper is due on Blackboard before class starts on February 20, 2018.

Part 3: Storyboard DUE: March 1, 2018

Storyboard

Use the drawing features of a word processing program, a graphic application, or software like Microsoft Visio to create a storyboard of your Web site that shows the hierarchy of pages and relationships between pages. Use the style for a site map shown below and from Unit A page 5. Make sure to include external sites that you will be linking to.

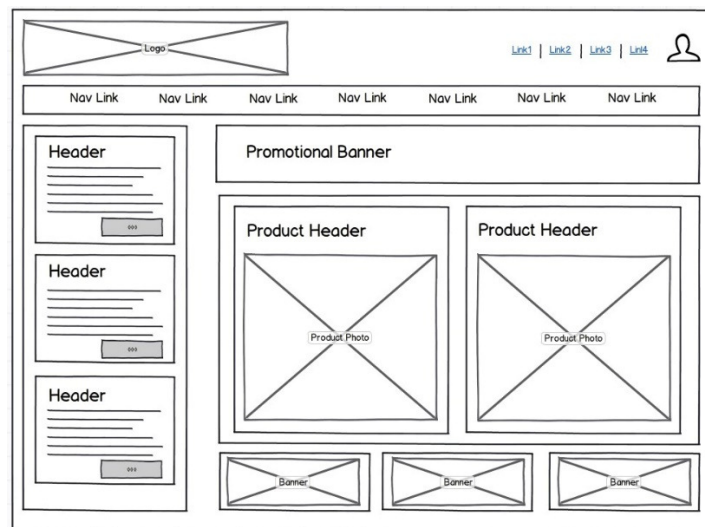


Your storyboard is due on Blackboard before class starts on March 1, 2018.

Part 4: Page Layout Design DUE: March 15, 2018

Page Layout Design

Use the drawing features of a word processing program, a graphic application, or software like Microsoft Visio to create wireframe page layouts for the home page and content pages of your site. Use the style for page layout composition shown in the PowerPoint for Unit A as well as below. Indicate where the logo, navigation, text, and images will be located. Do not worry about exact wording or exact images. There should be at least two wireframe page layouts: one for your homepage and one for all of your content pages.



Your page layout design is due on Blackboard before class starts on March 15, 2018.

Part 5: Update 1 DUE: April 5, 2018

Update 1

You should have at least three pages of your Web site completed by this time. We will spend a few minutes in class where the instructor will meet with each student to review where you are at in your project. You will need to have the source files of your Web pages and images as well as your site map (revised as needed) for this meeting.

You also should have a zip file of your source files and images and have uploaded this file to Blackboard before class starts on April 5, 2018.

Part 6: Update 2 DUE: April 24, 2018

Update 2

You should have at least six pages of your Web site completed by this time. We will spend a few minutes in class where the instructor will meet with each student to review where you are at in your project. You will need to have the source files of your Web pages and images as well as your site map (revised as needed) for this meeting.

You should also have a zip file of your source files and images and have uploaded this file to Blackboard before class starts on April 24, 2018.

Part 7: Final Project Submission DUE: May 1, 2018

Note: The final project submission will be graded based on completeness and consistency.

Final Web Site

Your final Web site with your home page and all six to ten content pages is due on May 1, 2018. A zip file of your entire Web site should be uploaded to Blackboard before class starts on May 1, 2018.

Class Presentation

On May 1 and May 3, 2018, each student will be presenting their project to the class. You will need to be prepared to show your Web site to the class as well as having a PowerPoint where you will explain your project goal, target audience, use of color, and any challenges you faced (and how you overcame them) while you complete the project. Presentations should be no more than 6-10 minutes long.

Presentation Slides

Create a PowerPoint presentation that does a good job marketing your Web site. Your slides should cover the topics below. The presentation is limited to 6-10 minutes. You will be graded on the Quality of the Slides, Quality of the Presentation, and a Class Evaluation.

The presentation should cover the following items:

- Your project goal
- Target audience
- Use of color
- Challenges you faced during the project (and what you did to overcome those challenges)

Slide Design

- Professional!
 - Use a professional-looking PowerPoint Design Template! Make your presentation slides look professional & consistent.
 - Stay away from ClipArt. Use real photos, when graphics are required.
 - No typos. Perfect alignment!
- Readable!
 - Test your slides in the classroom prior to the due date. Make sure everything is readable from the back of the room. Look at font size and text colors.
- Concise & Precise!
 - Follow the 6x6 Rule – no more than...6 bullets per slide, 6 words per bullet.
 - Everything should be pasted into your slides. The only exception is you will show us your working Web site within the Firefox browser.
 - If you animate each bullet, your presentation will take too long.

Tips on Presenting

- Practice alone! Practice in front of a friend!
- Present with enthusiasm! Show that you believe in your Web site! If you are enthused about your topic, your audience will follow suit.
- Don't just read your slides. You must explain. Note cards will not be permitted.
- Don't stand in one spot. Walk around...a little.
- Have good eye contact. Don't just look at your professor while you present. Give everybody your attention.
- Speak clearly & loudly.

Bound Presentation

On May 1, 2018, you are expected to turn in a bound presentation for your project (even if you don't present until May 3, 2018, your entire project including the bound presentation is due on May 1, 2018). This bound presentation will include final versions of everything you have turned in for the project all semester. You also should have a CD with a copy of all of your source files and any images and multimedia files used and should be attached to the inside back cover of your bound presentation. Failure to have the CD or failure to have the entire web site on the CD will result in a loss of 10 points on your bound presentation grade.

Binding Order

Include the following items in the following order:

- Cover Page – see requirements below
- Project Planning (w/corrections)
 - Topic Approval
 - Project Plan
- Project Design (w/corrections)
 - Storyboard
 - Page Layout Design
- Presentation
 - 2 slides per page – see requirements below
- Screenshots
 - One screen shot per page – take a screen shot of each page of your Web site and make sure it is printed in a way that I can see the full screen shot and that it takes up the full page.
- Code
 - Print out the source code for every page in your site as well as your CSS stylesheet(s). Place the code in the order the pages appear on your site map with your CSS stylesheets coming after the Web pages.

Other Binding Requirements

- *Binding type*: spiral plastic coil or comb binding. Unacceptable binding formats include 3-ring binders, 3-ring brad folders, or any presentation folders (including the kind with a swing clip to “clip” the papers together). The department has the ProClick binding system including the machine to punch the holes, as well as the front and back covers and the spines.
- *Cover*: Use a transparent, plastic cover as first page.
- *Tabbed Pages*: include tabs separating the various sections: Project Planning, Project Design, Presentation, Screenshots, Code. Each tab should be typed (not handwritten) with the section title.
 - *Examples of acceptable printed tabs from Amazon are listed below*:
 - <https://www.amazon.com/Avery-Index-Dividers-Printers-punched/dp/B00006IBXE/>
 - <https://www.amazon.com/Avery-Printable-Repositionable-Assorted-16281/dp/B001B0ALZW/>
 - <https://www.amazon.com/Redi-Tag-Printable-Permanent-Adhesive-33120/dp/B001B0EEGE/>
 - <https://www.amazon.com/Avery-Print-Dividers-White-11528/dp/B00851Q3R8/>
 - <https://www.amazon.com/Avery-Printable-Inserts-1-Inch-16221/dp/B002ON3ZWG/>
- *Other*: Glossy paper may not be used with the exception of the title page.

Cover Page

Design a professional looking (logo, color, etc.) title page for your report. Creativity in your cover sheet can result in up to 10 extra points on your bound presentation. Include the following information:

- IMED 1316
- Web Design 1 Semester Project
- Spring 2018
- Your Name
- Name of your Web site

Miscellaneous Items

- Your entire project should have a professional, consistent look (e.g. font, colors, etc)
- *Dot the i's, cross the t's* - your project should be free of grammatical & spelling errors; all objects on diagrams, interfaces, slides, and documents should be easy to read and aligned properly.
- *Backups* - make sure you have several backup copies of all items in the event something happens to one of your backup copies.
- ***I will keep the project at the end of the semester.***