

CPCS 403 – 1st Semester 2025 – Assignment 1
Practice with Creating Web Pages & Web Sites
Due: Wednesday September 25, 2024 @ 11:59pm

Submit via BlackBoard

Once completed, you should submit the zip file on the BlackBoard

*****Warning***: 25% deduction from grade for late submission**
Plagiarized work will receive a zero mark

Objective

Practice developing basic web pages and websites; draw all website pages and sitemap.

Data Files

You should have an Assignment1 folder containing several folders and files inside it.

- Folder for txt files included in folder name txt
- Folder for HTML files included in folder name HTML
- Folder for images included in folder name image
- Folder for CSS style sheets included in folder name CSS
- Folder for Word document files included in folder name Doc

The assignment1.zip folder should include all necessary data files (txt, HTML, Doc, and image files).

The website should contain at least 6 pages:

- Main/Landing page: this page should contain a description of your idea and any other information you desire to show to attract users to your website. You are encouraged to visit known existing sites (e.g., Apple.com, Microsoft.com, Amazon.com, etc.) to see what information these sites present on their main/landing page.
- Services page: this page should contain a list of your website's functions/features.
- Contact page: this page should contain your information and a link to contact you by email.
- At least another 3 pages of your choice. These pages should be based on your idea (such as Shopping Cart page, Forums page, Item details page, etc.).

Technology Requirements

Apply the following to the HTML code:

1. Add comments on the top of the page (including your name, ID, section, and date).
2. Set the title of your website.
3. Add page titles to all pages.
4. Apply proper indenting to the HTML code.
5. Apply reasonable white space in the HTML code.
6. Add comments on the top of each code explaining what this piece of code is for.
7. Use DOCTYPE declaration.
8. Use of head and body tags.
9. Use of paragraph tag.
10. Use of div tag.
11. Use of (un)ordered lists.
12. Use of cite and address tag.
13. Use of blockquote tags.
14. Apply all features learned in class (body features, block, headings, bold, italic, underline, margin, border, padding, special characters, etc.).
15. Express your page better with images align left and right of text. Use all three images.
16. Use of copyright HTML character instead of using " copyright@ "
17. Use classes and ids.
18. Use an external CSS sheet to style all pages.
19. Save your changes to the file, and then verify that the page renders appropriately in modern Web browsers and is readable and attractive.

What you should submit for Assignment #1

1. Create a static website using the domain hosting you created.
2. The websites should include the following:

a. Idea development

- i. You need to decide what website you will build for this assignment. Note that your idea in this assignment should be unique in that you've not worked on it previously in another course (including your graduation project).

- ii. Write a 1-2 paragraph description of your idea on your 1st website page. This does not have to be too long or descriptive. We just want to get a sense of what you want to make
- iii. Write on the 2nd page of your website all the functions you are planning to have on your website

b. Recommended solution

Recommended solutions should directly address a client's needs. The best solutions talk about the problems they are solving and use language that makes sense to potential clients.

c. Benefits

What are the specific benefits the client will receive from the solutions you have recommended?

It is essential to spell out the benefits of your service (and be as specific as you can).

These should be benefits that the client is looking for.

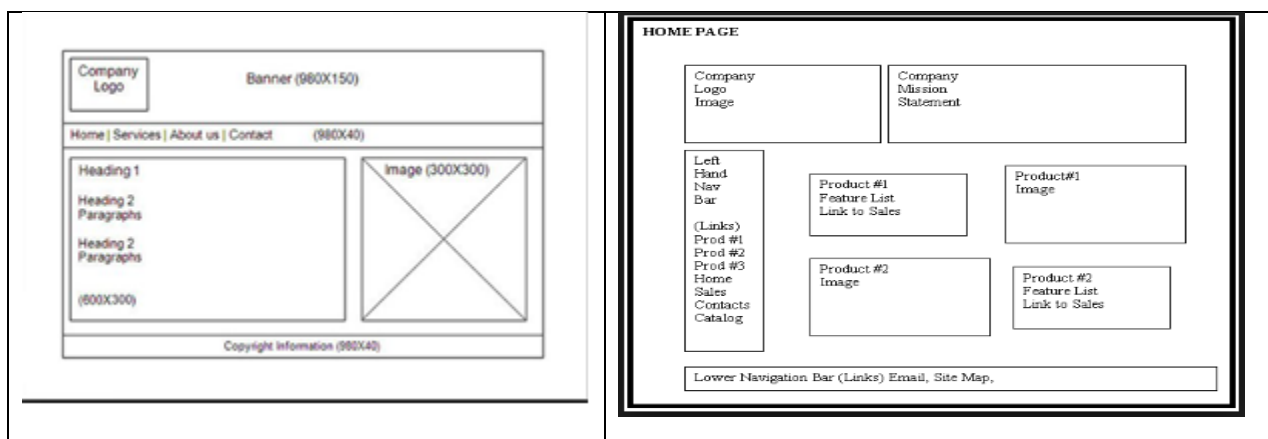
3. Create and draw all your website Storyboard for all your website pages
4. Organize and draw a site map that will be used to structure your website pages and show how those pages can be grouped

In addition, all the points mentioned above should be written in a Word document and saved with file name **HW1.doc**

Save your changes to the files, and then verify that the pages appear correctly in Chrome, Microsoft edge, and Firefox (Web browsers). Test all links in the Web site and verify that they work correctly.

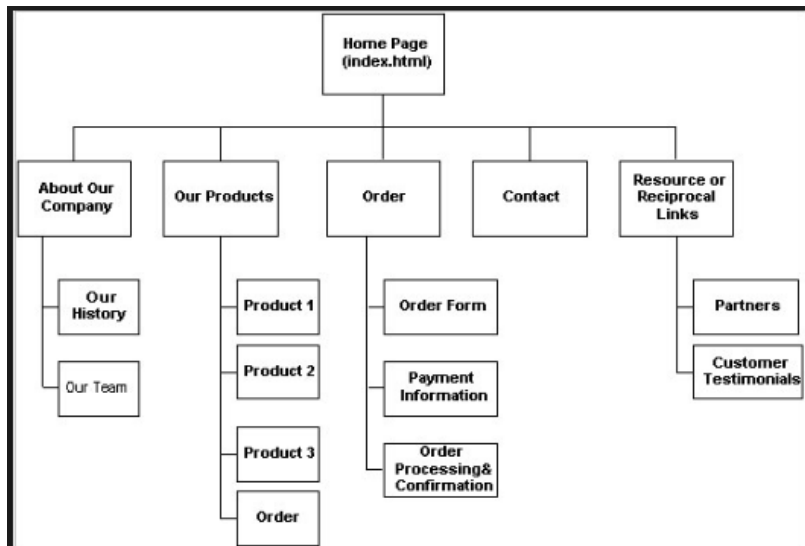
Example for storyboard

Such as:



Example for sitemap

Such as



Grading Details

Your assignment will be graded on the following criteria:

1. The correctness of the result
2. Adhering to the implementation specifications for each problem
3. Usage of white space throughout the HTML file
4. Using comments in HTML code
5. Using a CSS style sheet correct
6. The correct explanation for an idea, solution, and benefits
7. Correct storyboard and sitemap
8. Using your own website domain name. Upload the site to this domain, and make sure to submit the URL as part of your submission for grading.