

Assignment 2: Portfolio Project - Worth 25%

One of the first things any potential employer looks for in a potential applicant is their presence online. From social-media interactions, to code repositories, blogs, and a myriad of other artefacts. This project aims to give you the opportunity to put together the beginnings of an online portfolio. It is intended to give you a starting point from which, over the next few years, you can build and expand to showcase your talents and interests.

The basic idea

Attached to this project brief you will find a zip-file containing two things:

- a blank CSS file
- An HTML file which has been written to describe a basic, one-page portfolio

Your job, put succinctly, is to add content to the various sections, and complete the CSS file to make the whole thing look attractive to any potential employer.

The remaining content provides you with more explicit instructions on what you must do for this project. Any questions from students may result in edits, or clarifications, so please keep an eye on this specification for updates.

Starting Code

You may download the starter code from loop. **Note:** You may modify the HTML if you wish, but only minimally. You should keep the same structure. You should also create a **directory called portfolio** within your **public_html directory**, here you should store your HTML and CSS files, within the portfolio directory create an image directory to store all the images you use.

Creating your content

The first thing you need to do for this assignment is to modify the content of the HTML file. In the HTML file, there are indicator places as to where you should add your own content.

Section One – the header and Nav containers

This includes the Header and nav - including site title and the navigation elements provided. Typically, here, I would expect to find your name, and a catchy slogan, however it might just be something like "An Undergraduate student with a passion for all things Computing and Business" you may want to include or an image\colour for the background.

Section 2: About Me

This should comprise engaging text to attract and inform the user. You should use relevant keywords and such. Tell the reader something about yourself. **150 words maximum.** You may want to include links to your social media feeds in this section if you have them. Doing this also gives you a nice opportunity to investigate the best ways to include such links.

Section 3: Work experience

Include details of your current and previous work experience. Include relevant links and media. **200 words maximum.** Here, the work experience need not be true if you don't wish to divulge it. Remember though, in a real portfolio, it can be very handy for an employer to see what you did.

Section 4: Image Gallery

Insert three images to illustrate things important to you. You may want to use a site like <https://unsplash.com/> to find good quality, royalty free images.

All images should be sized appropriately and optimized for the web. Create a brief summary to accompany each image.

Section 5: Contact Me

There is a contact form at the end of the page. We haven't covered forms yet, however I have just given you this for your convenience, and as an exercise. You should not need to modify this in any way, however you should consider how to style it.

Section 6: Footer

I have given a sample footer the content which you need not modify except to put your name where it says too, but you may make other changes if you so wish.

Concluding Remarks

Don't forget to use the HTML you've already learned: things like links and lists to make your content more interesting. Then we'll look at typography and choosing a good typeface and font (time permitting). If you access HTML from other sources, please include a comment within the header of your html file as to where you got it.

Styling Your Content

After you have decided on your content, the next thing to do is make it look appealing and attractive. You have been provided with sample CSS (refer to previously covered materials) which you may use and modify.

You may be creative in how you wish your site to look. However, be mindful of a few things:

1. Are the colours you use creating enough of a contrast?
2. How well is the navbar working on different screen sizes, in different browsers?
3. Does the font I've chosen increase, or decrease, the legibility?
4. Do all my images have appropriate "alt" tags? Are they optimised for the web, and what happens when I view them on different machines and screens?
5. Have I used CSS correctly?

There are many resources online to assist in this project. **If you use CSS from another source, be sure to include a comment in your CSS file as to where you got it from.**

Modifying the Provided CSS

In the zip-file which you have downloaded, you will find a blank CSS file with comments in appropriate places. You have, as was mentioned above, carte blanche to modify this in any way you like. You should focus your efforts on desktop browsers for now, and should perhaps just concentrate on Firefox, Chrome, and Safari. Don't worry about the mobile for now, however CSS which obviously has considered the mobile side of the landscape will be given some consideration when marking.

Useful Resources

The following are just a couple of links that might be of use. I'm happy to add more to this if people wish, and send them to me. **Note:** The links here are specifically for this project.

- [Google fonts which you can use for typography \(external link\)](#)
- [the Paciello Group Colour Contrast Analyser \(external link\)](#)
- <https://www.w3.org/Style/Examples/011/firstcss>
- <https://www.tutorialrepublic.com/css-tutorial/>

Instructions for Project Submission

It is extremely important that you read and understand the material on this page, as it may be somewhat different to what you are used to. It is also important that you realise that the deadline is absolute, not flexible, not movable, and will be enforced.

All projects should be uploaded to the school of computing student webserver for me to view online. On loop when you click the submission button you will see **online text** option and **file upload**, within the online text box you should simply type the full and complete URL (link) to your portfolio page e.g. [http://student.computing.dcu.ie/~\[PUT-YOUR-username-here\]/portfolio/](http://student.computing.dcu.ie/~[PUT-YOUR-username-here]/portfolio/) and then you should upload your HTML and CSS files to loop.

If your project is not accessible via that link, it will not be marked. Therefore, **do not rename the *index.html*** in the starter code you have been given.

The deadline for this submission is now **Friday 12th November 2021 at 18:00** precisely. If I get "404" error, it means you have submitted an incorrect URL so test it to make sure it works. Also, if you have not uploaded the URL and files on loop by the above deadline you will not be able to submit it and your project will not be marked.