PER SCHOLAS

CP 325.2:

Creating a Web Application Layout

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Introduction

This document will challenge you while taking the next steps in your Capstone Project journey.

Assignment Objective

- Create a web application layout using HTML and CSS.

Submission

This portion of the Capstone Project will not be submitted on its own; only the final project will be submitted. You are encouraged to seek feedback from instructors and peers along the way.

Instructions

Now that you are familiar with the basics of web design, including wireframing, creating layouts with HTML, and using CSS to style elements of a web application, you will put these tools to use in creating the first drafts of your Capstone Project's front end.

Begin by creating a wireframe, or referencing sketches you made during the planning stage of your project. Use these to begin building the layout of your application using HTML, separating each page and component into manageable pieces.

Once you have a layout established, begin thinking about the overall design of the application. Consider color scheme, graphical design, flow, and other aesthetic aspects you may want to include. Translate these thoughts into CSS, and apply them to your HTML pages.

Your layout and design will evolve over time; do not try to make everything perfect right now! As you discover new techniques, explore new applications, and begin to think critically about the *how* within your application, you will find new and interesting ways to accomplish your goals.

For now, just create a solid foundation to start with!

You are not expected to make any of your application interactive yet, so focus on static layout and design. If you would like to fill in example text and data for your own reference, feel free! You can also add pseudo-code in comments throughout your draft, in order to give your future self more context when you revisit these materials.

Partial Requirements

Let's look at which Capstone Project requirements are related to this stage of development. Requirements not related to this stage of development have been omitted. For a full list of requirements, see CP 323.1 - Planning a Project, or CP 323.10 - Capstone Completion.

(20%) Project Structure, Standardization, and Convention	Weight
Project contains an appropriate level of comments.	2%
Project is pushed to GitHub, and contains a README file that documents the project, including an overall description of the project.	5%
Level of effort displayed in creativity, presentation, and user experience.	5%

(35%) Front-End Development	Weight
Use CSS to style the application.	5%
Create at least four different views or pages for the application.	5%
Create some form of navigation that is included across the application's pages, utilizing React Router for page rendering.	5%

The following section is NOT included in the requirements for this project. Completing this section is NOT required. This section will NOT negatively impact your grade if left unfinished.

This section is intended for learners looking to go the extra mile by showcasing additional skills such as project management, and optional technologies like TypeScript.

You must complete ALL other requirements to receive credit for this section.; however, this extra credit will not be included if you have already received the maximum 100% grade. The extra credit can only offset points lost elsewhere.

(5%) Extra Credit	Weight
Adhere to Agile principles and the Scrum framework. Perform stand-up sessions (with an instructor) when possible.	1%
Successfully track your project using a software like Jira.	1%