HyperionDev

Capstone Project — Create a Web Page using HTML and CSS

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Introduction

This project will consolidate the knowledge that you've learnt across various tasks. In this project, you will be creating a static website. Be creative — you'll be tasked with a set of criteria to meet but the rest is up to you! Remember, it is worth putting some extra time and effort into this project — it can become part of your developer portfolio.

DEVELOPER PORTFOLIO

Developers who have the edge are those who find ways to apply their newfound skills from the get-go. A **developer portfolio** (a collection of software that you have made) allows you to demonstrate your skills rather than just telling people about them. It's a way of bringing your CV to life and introducing yourself to the world. As you learn more skills and put these into practice, each project that you complete will become more efficient and eye-catching.

This application series offers you the means to create projects for your very own developer portfolio, allowing you to walk away from this course not only with a certificate but, more importantly, with a headstart into your career!

THE TASK AT HAND

In this project, you will be creating a website to showcase a hobby, talent or passion of yours. Choose a topic on which you have enough knowledge to create an interesting and informative website. For example, if you like baking, you could create a website in which you can showcase your favourite recipes. Recruiters and employers love to hire well-rounded professionals, so showing off your hobbies and interests in a website can go a long way towards making you employable!

The first part of this project will focus on HTML — the core part of any website. You'll be provided with set criteria of HTML requirements with which to create a basic site with certain functionality.

The next part of this project will focus on CSS — the element that styles all the beautiful websites you see. You'll be given set criteria of CSS requirements with which to style a basic site with certain functionality. You can add any additional HTML components and style the rest of the project as you like. Feel free to use

Bootstrap and your own stylesheets to make this online store look and feel exactly as you like.

Before you begin

A key focus of this project will be ensuring that your CSS and HTML are correct, well-formatted and readable. In this regard, make sure that you do the following before submitting your work:
1. Add comments to your HTML and CSS.
2. To help you identify HTML syntax errors, use this helpful **tool**.
3. To help you identify errors in your CSS, use this helpful **tool**.
4. Make sure that you use a good directory structure to organise your web application. Make sure that your entire project is in a directory with a meaningful name. Within this directory make sure you have separate directories for any images and CSS that you use.
5. Ensure that your HTML and CSS are readable. Also, make sure that you use class and id attributes with descriptive values assigned.
6. Be creative! Choosing a topic you are passionate about will help you stay focused and put decent effort and time into this project.

Compulsory Task

Follow these steps:

- Create an HTML file called **index.html**. You may need to create other webpages, but this will be your homepage that acts as the landing page for your website.

- Create at least 2 other pages (this could include pages such as "about me", "contact details", etc., or even different categories of your hobby, e.g. "starters", "main courses" and "desserts" if you're show-casing recipes).

- Within the entirety of your site, you should have the following elements:
  - At least 5 images.
  - At least 3 font sizes (to help differentiate sections).
  - At least 2 external links (maybe to another website, or an email address).
  - At least 1 table.
  - At least 1 list (ordered or unordered, you can choose).
  - At least one submit button form (possibly to subscribe to a newsletter — don't worry about the functionality of this yet).

- At least one radio button form (e.g. you could ask a future subscriber what types of recipes they'd like to receive).
- At least one quote/testimonial
- At least 2 blocks (i.e text with a background).

- *Note: Feel free to reuse any HTML that you have created earlier in this bootcamp*

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