TASK

Capstone Project II

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Introduction

Welcome to Your Second Capstone Project!

Well done!! This is your last task for this level of your Bootcamp! In this task, you will be consolidating the knowledge which you have learnt and apply it to a real-world application - improving the functionality of the online store you created in your previous Capstone project! You'll be tasked with a set of criteria to meet, and 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.

Get in touch
Connect for support

Remember that with our courses, you're not alone! You can contact your mentor to get support on any aspect of your course.

The best way to get help is to login to **www.hyperiondev.com/portal** to start a chat with your mentor. You can also schedule a call or get support via email.

Your mentor is happy to offer you support that is tailored to your individual career or education needs. Do not hesitate to ask a question or for additional support!

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 online creations 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 introduce 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 Capstone project offers you the means to create the first project of 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 the first Capstone project that you completed in this Bootcamp, you used HTML and CSS to create an online store. The next part of this project will focus on JavaScript - the language which adds the background functionality and animations on all the beautiful websites you see. You'll be tasked with a set of JavaScript requirements to enhance a basic site with certain functionality. Feel free to add any additional functionality. Remember to use this project to really showcase the skills you have acquired so far!

BEFORE YOU BEGIN

A key focus of this project will be ensuring that your JavaScript, CSS and HTML is correct, well formatted and readable. In this regard, make sure that you do the following before submitting your work:

1. Make sure that you use a good directory structure to organize 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, CSS and JavaScript that you use.

2. To help you identify debug your code, be sure to build your code in Sublime Text as described in "Debugging and executing JavaScript - FAQs.pdf".

3. You can also use tools such as Chrome's Developer Console to troubleshoot your code.

4. Ensure that your JavaScript is readable. In this regard:
    ○   Feel free to use tools such as HTML-CSS-JS Prettify.

    ○   Add comments to your JavaScript.

○ Be sure to refactor your code. Are you using functions to improve the modularity and readability of your code? Have you given your variable and functions meaningful names? etc.

Compulsory Task

Note: Feel free to reuse any work you have already done for this project.

Your online store is required to implement the following:

- Within the entirety of your site, you should have the following JavaScript functionality:
    - Create a functional shopping cart for your online store.
    - Allow a "quick add to cart" from the catalogue page.
    - Each product's page must also have the option to "add to cart".
    - When an item is added, an alert should tell the user what the current total is.
    - Create a new html page for the cart section which allows the user to see what is in their cart, each item's price, and the total cost (remember to add VAT!)
    - Create a form which allows for "discount coupons".
    - Create forms to allow a user to select "collection" or "delivery".
    - Create forms for different delivery options.
    - Your total should change based on what delivery option is chosen and if a certain coupon is applied.
    - Create a "confirm order" button which alerts the user that their order was successful and generates them a reference number (keyword: generate)
    - Within the entirety of your site, you should have at least the following jQuery functionality:
        - A function which contains hiding/showing.
        - A drop-down menu.
        - Animation effects.
        - A function with chained effects.

Once you have completed the task in line with the instructions above, click the button below to request your mentor to review your work and provide feedback. If you have any questions while attempting the task, leave your mentor a note on the comments.txt file in your Student Dropbox folder.

Completed the task(s)?

Ask your mentor review your work!

Review work

Things to look out for:

Make sure you read through the section "Before you begin" in this task again. Have you followed all the guidelines there? Remember that you want this project not only to showcase what you can do but also that you are able to do so in a professional manner that is in line with industry standards.

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