

Major Project

Using all the lessons, assignments, and tools that you have learned over the course of this semester create a small e-commerce system.

This project will be the combination of all the assignments and then a bit more, so this will be available as a group project if you choose. Groups should be no larger than 2 people. The requirement for this project is lengthy so be sure to read the instructions carefully... and remember the goal of this project is to make an e-commerce platform that you would want people to buy something from ... Good luck!!

Requirements / Instructions

General Requirements

- HTML should be error free.
- Files need to be in the correct directories.
- All pages should be styled.
- Be sure to comment your work.

CMS Portion

- Create a custom Theme
 - Rename the theme
 - Change the screenshot for the theme
 - Give a description of the theme.
- Create the required page templates that you will need to display all your content.
- Create at least one custom post-type to offer a unique function that is not offered by WordPress.
- Create at least one shortcode.
- Website needs to have no less than 3 pages. For example, the pages could be "Home, About, and Contact". This **does not include** posts, or product pages.
- Create 3 Posts the posts should have the following:
 - Be attached to a category that you have made.
 - Contain some content, this can just be ipsum.
 - Contain and display tags.
- Use no more than 3 plugins (this does not include the core WooCommerce plugins and cannot be elementor).

- Customize your header file. The header needs to have a logo and navigation.
- Customize your footer file. The footer should include content that is consistent with the website you are trying to construct.
- Add a "featured product" section on the homepage (this will link to the shopping section).

WooCommerce Portion

- Install WooCommerce extension to your WordPress website.
- Run through the setup wizard.
- Setup test payment gateway.
- Create a variety of product categories and product tags.
- Create 6 different products. These products should be completely configured.
- Create a custom single product template.

Submitting Your Work

- Create a video presentation going over the finished product (no more than 10 – 15 min).
- Upload your files to GitHub
- Submit your Git link and your video (if you use YouTube just the link to the video is fine) to blackboard.

The Mark Breakdown:

General		Total Marks
Valid HTML		/10
Files in the correct directories		/10
Comments		/5
CMS		Total Marks
Custom Theme		/25
Page templates		/25
Page creation		/15
Custom post-type		/15
Custom shortcode		/10
Posts creation		/15
Plugins		/10
Header file		/10
Footer file		/10
Navigation		/10

Design	/25
Featured product section	/10
WooCommerce	Total Marks
WooCommerce install and setup	/25
Payment Gateway setup	/25
Product category & tag creation	/10
Custom single product template	/15
Product Creation	/20
Total	/300