

ECommerce Website Project

Tech Stack

HTML/CSS

Starter Assets Repository

https://github.com/dCC-Online/eCommerceWebsiteAssets_GN_Starter

User Stories

Total Unweighted Project Points: /65

Total Weighted Project Points: /40

Main Stories

- **(10 points):** As a web developer, I want to adhere to a UX designer's prototype so that the final product will match the user-tested design
- **(2.5 points):** As a web developer, I want my page to be saved as "index.html" so that the web site will have an entry point
- **(5 points):** As a web developer, I want to build a navigable "home" or "landing" section so that a user can easily navigate (click a link) to it
- **(5 points):** As a web developer, I want to build a navigable "products" section so that a user can easily navigate (click a link) to it

- **(5 points):** As a web developer, I want to build a navigable “about” section so that a user can easily navigate (click a link) to it
- **(5 points):** As a web developer, I want to build a navigable “contact” section so that a user can easily navigate (click a link) to it
- **(10 points):** As a web developer, I want to have an external CSS-stylesheet that consists of a variety of styles (**minimum of 10 rules**) so that I can use the same styles with other pages in the future
- **(5 points):** As a web developer, I want to include the high-quality images provided by the asset team so that my page matches the design
- **(7.5 points):** As a web developer, I want to make each product “card” interactive (clickable) by wrapping the card in an anchor element
 - **(For now, it will be a “dummy link” that doesn’t go anywhere, but can be utilized by the bonus user story)**
- **(10 points):** As a web developer, I want to produce high-quality content so that any text on the site is engaging and does not have spelling or grammar mistakes

Bonus Stories

- **(5 Points):** As a web developer, I want my web page to be mobile responsive by using media-queries so that the user can have an effective experience on any platform (desktop, laptop, tablet, mobile)
- **(5 Points):** As a web developer, I want to have 1 or more product pages (separate HTML files) so that the user can learn more about a specific product

💡 This is a **SINGLE page web site**. The only files you should have (aside from any images) are **index.html** and **styles.css**.

⚠️ Don't worry about getting your HTML/CSS to look exactly like the design you see - **just get it as close as possible while meeting user story requirements!**

⚠️ You are not building out the “components” section on page 1 of the eCommerce Prototype PDF - you are building the **ENTIRE** website design featured on page 2.

Checklist

- ☐ Run through the [Setup Steps](#) and get your project ready to begin work.
- ☐ Review the [Resources](#) outlined below - be sure to have relevant documentation and references open while you develop!
- ☐ Spend about half an hour going over the intricacies of the UX prototype to better understand various components and how they all interact
 - Look over what styling has been applied, specifically what images, fonts, and colors are used (Is the font bold? What is the Hex color code for that item? Is there text overlaying a background image?)
- ☐ Write the HTML for the web site. Account for every element used in the prototype, ensuring good, semantic markup is used to define the meaning of your content in addition to proving structure (A <div> is helpful as a wrapper, especially when positioning a child element, but not every element should be one!).

- ☐ Write the CSS for the web site. Focus on layout and positioning first (Flexbox & CSS Grid will help with this) before moving onto more specific styling. Remember, you should have, at minimum, 10 CSS rule sets in your stylesheet (rule = selector + declaration).
 - **BE SURE TO WATCH THE DEMO VIDEOS ON FLEXBOX/CSS GRID BEFORE ATTEMPTING THE PRODUCTS SECTION**
- ☐ Once you have completed the required user stories, move on to the bonus stories.
 - **YOU WILL ONLY RECEIVE BONUS CREDIT FOR RESPONSIVENESS IF YOU UTILIZE MEDIA QUERIES IN YOUR STYLESHEET.**

Setup Steps

1. Create a repository on GitHub and clone it down as normal.
2. Don't forget the **README.md** as well as the .gitignore (You can select NODE for this project).
3. Once you have navigated into your cloned repo locally, create your project files **index.html** and **styles.css**.
4. Download the starter assets from the [Starter Assets Repository](#) linked above.
5. Create a new folder inside the project called **assets** to contain your Adobe XD prototype and product images. Move the assets you just downloaded to this folder.
6. It is important to name your HTML document **index.html** so that it functions as an entry point for our web site, allowing us to create new pages later from this home page.
7. Begin writing your markup in the HTML file. Account for all sections of the web site and each section's content.
8. Once you have written most of the HTML, move on to CSS to start positioning your content, starting from the top of the page and working your way down.
9. We recommend setting a few basic rules in your stylesheet to make your life easier. Write these 2 rules at the top of the file:

```
# styles.css
1  *,
2  *::before,
3  *::after {
4      margin: 0;
5      padding: 0;
6      box-sizing: inherit;
7  }
8
9  html {
10     box-sizing: border-box;
11     font-size: 62.5%;
12 }
13
```

Resources

Lectures

- Design & UX
- Wireframing and Prototyping
- HTML & CSS

Student Hub

- TUTORIALS > Create New Projects > Create an HTML/CSS Project
- DEFINITIONS, EXAMPLES, AND FREQUENTLY ASKED QUESTIONS > Frontend > **Design & UX**
- DEFINITIONS, EXAMPLES, AND FREQUENTLY ASKED QUESTIONS > Frontend > **HTML**
- DEFINITIONS, EXAMPLES, AND FREQUENTLY ASKED QUESTIONS > Frontend > **CSS**

Other Resources

- **(Videos)** Demo - Flexbox and CSS Grid

End Result

Your final website will look as close as possible to the design prototype given!