

Milestone 2: Product Pages

CPS 353: Internet Programming

Web Development Project

Due Wednesday, September 23, 2015 by the start of class

Introduction

In this milestone, you will create mock ups for additional pages use in your web application. Mock ups show the visual elements of the page, but the page itself is not functional other than to link to the other mock ups you have created.

Mock ups for the following pages are part of this milestone:

- Product list page showing all the products available in the selected category
- Product details page showing all the data a visitor needs to know to purchase the product
- Shopping cart page showing all the items the visitor has put into their shopping cart

Each of these pages is discussed in detail in the specifications below.

Specifications

Product list page

This page lists all the products available for the category the user selected. This should give minimal information about the product but enough to interest the visitor. Each item listed on the page should have:

- A picture of the item
- The name
- The price
- A link to view the details which links to the product details mock up.

The desktop view should have three items across per row. The responsive view should have everything in one column and maybe have smaller images. **Do not use tables for this layout.**

Think about the kinds of controls that might enhance the user experience on your listing pages (i.e. Sorting options, filters, paging controls, etc.). Include any in your mock ups that you feel are appropriate.

Name the html for this file *products.html*.

For now, each item will link to the same product details page that is being mocked up as part of this milestone.

Product details page

This page provides all the details for one of the products you are selling. The page should have:

- A button to add the item to the shopping cart (right now it will not do anything)
- The picture of the product
- The name
- A description
- The price
- At least 2 other pieces of information that would be of interest to the visitor

Keep in mind the responsive view as well when developing this page.

Name the html file for this page *details.html*

Shopping cart page

This page lists all the items the user has added to their shopping cart. For now, only show two items in the cart. The second item should have a quantity of 2. The shopping cart page should have:

- A list of the items in the cart. The list contains:
 - A small picture
 - The name
 - The price
 - A field to enter the quantity
 - A button to click after the quantity has been changed
 - A button to remove the item from the cart
- The total per item type. So if I am buying two pillows that cost \$4, then the total for this item is \$8
- The shopping cart total:
 - The cost of all the items added together
 - Plus %6 tax (just taxed on the items, not the fees below)
 - Plus a \$15 delivery fee, unless all your items are downloadable
 - Plus a \$10 service fee if all your items are downloadable
- A checkout button

As part of this mock up, update the shopping cart link in the menu to link to this mock up.

Name the html file for this page *cart.html*.

Technical Requirements

- Begin by copying your *index.html* and *styles.css* into a new MS2 directory. The MS1 deliverables should not be modified.
- All mock ups should use the same header and footer you created in milestone 1 for the landing page
- All CSS rules should reside in the same *styles.css* file used in Milestone 1, and be applied to HTML elements via appropriate class or id attributes.
- Your pages must look and work correctly in the latest versions of the Firefox and Chrome.
- Your pages should work well in responsive dimensions. Always keep the responsive view in mind when developing web UIs.

Additional Guidelines

- The new pages should fit with the look and feel established in the home page mock up from Milestone 1. Reusing classes may help with this.

- Bear in mind that the styles you use for your application's home page should be replicated across other pages of your site. This will foster a consistent experience for your users.
- Be sure to use similar colors, fonts, and styles for the button and link controls across your pages.