

CSC242 Project

An On-Line Bookstore

You will create an application to allow users to browse an on-line bookstore and make purchases. The pages will be developed throughout the semester.

Items that must be in your application are:

1. The main page containing an introduction to the company and application. Please indicate on this page that this is a project and not an actual store. This page will also contain the links to the other pages.
2. An external style sheet page with a minimum of TEN tags/classes defined. This page **MUST** be used/included on all web pages in the project. There must be at least one CSS class defined.
3. The capability for the user to browse the catalog by selecting categories so they can see various products. Users should be able to add products to their shopping cart while browsing the catalog. Users should browse the catalog by categories and then products for the selected category.
4. The capability for the user to do a search for a book by ISBN (product ID) or any title by keyword and then add the product(s) to their shopping cart.
5. A shopping cart so the user can purchase products. The shopping cart does not have to persist across connections (maintain shopping cart in PHP). After an item is added to the shopping cart, the shopping cart should be displayed to the user.
6. The ability to checkout and purchase the products in their shopping cart. After the user checks out, display an invoice to the user.
7. A page to create an account. The user must enter first name, last name, email address, confirm email address, password, confirm password, address, city, state (as a drop-down list box), and zip; optional information is a second street address and phone number (the optional information is required on the form but optional for the user to enter). Validation that must be performed on this form: 1) required fields must be entered (can use HTML 5), 2) email address and confirm email address are the same, 3) password and confirm password are the same, 4) password is at least 8 characters long, and 5) zip is exactly 5 numbers (no characters). User should be presented with a confirmation when click reset button.
8. A login page – users can browse the catalog and search products without being logged in but must login before ordering any products. Both username (email address) and password are required fields on the form.
9. The capability for the user to view all orders. For each order, display the order number, order date, shipping/handling, tax and total.
10. The ability to select an order and see the details. This should display all order details and information about each item on the order.
11. The ability for the user to logout. When a user logs out, their shopping cart should be destroyed.
12. A “contact us” page that will include information about the company and how to contact them via phone, E-mail or USPS mail. This may also include a form that is emailed to the company.

You will have to calculate PA sales tax for each order by adding a 6% tax for all items.

You will have to calculate the shipping and handling cost for each order. This will be calculated as follows:

- 1 or 2 items → free
- 3 – 5 items → \$3.25
- 6 – 10 items → \$6.45
- Over 10 items → \$9.95

Database

The database will be created for you. The DB queries will also be supplied. You will just have to insert this code at the proper places in your web pages. This includes code to:

- Connect to the database
- Query the database for products, customers, orders, etc.
- Add records to the database for an account and a customer order

Hand in to Instructor

You will not need to hand in any code for this project. All pages **MUST** be accessible via your main project page, which **MUST** be accessible from your main CSC242 index page.

When your project is ready for grading, you **MUST** send an email to Dr. Frye indicating it is complete and ready to be graded. After you send this email, you may **NOT** make ANY changes to your project (this will result in a 0 for the project)!

Grading

- If the project is not linked from your index.html page, you will receive a zero for the project!
- Late projects will be accepted but there will be a 10% penalty for each calendar day the project is late.
- As always, if there is a JavaScript, XHTML or PHP error on a page, you will receive a zero for that page.
- Do your own work! All students involved with any plagiarism will receive a 0 for the project.
- If you make any changes to your project after sending the email to Dr. Frye indicating your project is ready for grading, you will receive a 0 for the project!