

Bresia Prudente  
Project 1 Writeup

The bookstore folder contains the following:

bookstore

- Login.jsp
- ShowBooks.jsp
- ShoppingCart.jsp
- bookstore.sql
- + img
  - 2312.jpg
  - cryptonomicon.jpg
  - hhgtg.jpg
- + WEB-INF
  - + lib
    - mysql-connector-java-5.1.38-bin.jar

To begin the application, select "Login.jsp" and the user will be greeted with a typical login screen asking for the username and password. For this example, the username is "johndoe" and the password is "123". Upon clicking the Submit button, the user will be authenticated and taken to the ShowBooks.jsp page.

In ShowBooks.jsp page, the list of available books on the server are displayed to the user. They are given the book details and an option to purchase a minimum of 1 and a maximum of 10 copies of any given book. Selecting the "Add item to the cart" will take the user to a confirmation page where they can choose to go back to the ShowBooks.jsp page or proceed to ShoppingCart.jsp.

In the ShoppingCart.jsp page, the user is given a summary of their order for the session, including the total price of the items currently in the cart. Selecting the Checkout button will take the user to a checkout confirmation page. From there, the user can close the browser or go back to the ShowBooks.jsp page.

### **Comments**

While I thoroughly enjoyed the challenge of creating a web application, the project could have been elaborated more extensively. It took awhile to set up the environment due to my inexperience with using .jsp, tomcat, and the mysql connector. Additionally, the timing of the project was set during finals week, which was stressful. Due to the time constraint, a majority of the code was hardcoded and several minor features were not properly implemented.

This project was of great interest to me and provided a great challenge, but could have been explained better and the deadline could have been extended to two weeks instead one week.