CEJV 559 Web Application Development with Java

Lab #3

**The Mailing List Builder Web Site**

The purpose of this website is to attract people to sign up for a monthly newsletter. A visitor will be given the choice of one of three eBooks that they may download in return for registering. The registration information will be stored in a MySQL table. After registration the user will be asked to log in to so that they can download their free book.

**Site Map**

**Front Page**

Describes the purpose of the site and shows the three books available. Display information on the three books. Include its title, author, and date of publication. If you can find a graphic of the original books cover then use it.

A user selects a book and is then sent to the registration page.

If a user has already registered then have a button that will take them directly to the login page.

**Registration Page**

This page will collect:

* Email Address (user name for authentication)
* Password
* First Name
* Last Name
* Street Address
* City
* Province/State
* Country
* Postal Code

All fields must be filled in. Check that the email has not already been used.

Add the title of the book to the record before storing it in the database.

From here go to the login page.

**Login Page**

Before a user can download their book they must first log in. A login consists of the email address and the password. This verifies that they have registered.

After a successful login go to the download page. If unsuccessful go to the front page.

**Download Pages**

Display the information on the book to be downloaded as found in their record in the database. The user will initiate the download by clicking on a button. Use the Primefaces download component.

Once the download is complete send the user back to the front page.

**Client Display Page**

Create a separate page that displays everyone who has signed up for the mailing list in a table format.

**Responsive Bonus**

Use a responsive CSS library such as Bootstrap that will allow your site to scale to whatever device the user has.

**Email Bonus**

Look at the Jodd email library (<http://jodd.org/doc/email.html>). Using a Gamil account send the user a welcome email message.

**Notes:**

Include the SQL script so I can recreate your database.