**CLC MILESTONE 1:**

**Domain Write-Up**

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This project will focus on creating an application to manage an E-Commerce bookstore. Users will be able to sign up and login to the store. They can then browse and search through the library of eBooks and add them to their cart. Once the user is done searching through the library, they can go to checkout to purchase all the books in their cart.

Application Features

Some of the standout features of the application will be an initial welcome page that greets the user when they come into the store. This will contain links for the user to either sign up or login to the application before they can search through the library. This application will also implement an item cart system that will track the user’s favorite books so that they can purchase them all at once. A search feature will also be created so that books can be filtered and viewed from multiple field requirements.

Framework/Presentation/Database language

Based on the CLC project guidelines, the project will be created with the Spring framework and deployed locally on an Apache Tomcat 8.5 server. The code structure will use N-Layer design techniques and be separated into presentation, business, and persistence services. Per the design guidelines, the visual presentation will be made using the Bootstrap Framework and typical best practices should be used when designing the interface.