Book Store

Objective

The objective of this assessment is to build a console-based/web-based application using Python based on a given scenario.

Overview - Scenario and Design

You have been asked to design and implement a web-based application for a bookstore. The application will be made available for two user groups: Registered User and Unregistered User. Each user group is to have access to their own facilities and interlinked functionalities. Unregistered users can view a Book Store but cannot access all the facilities and features compared to those a Registered User has.

Facilities provided to the Unregistered User:

1. Ability to search Books
2. Ability to view list of books displayed by the application
3. Ability to read book information (Overview, Authors, etc)
4. Ability to add book to shopping basket
5. Ability to view the shopping basket
6. Ability to modify the shopping basket
7. Ability to choose to proceed and checkout option

Facilities provided to the Registered User:

1. Ability to access order history
2. Ability to view account details
3. Ability to modify account details such as firstname, lastname, email id and password
4. Ability to purchase books

Further details for an Unregistered and Registered Users

An Unregistered User can view list of books and just look and read the basic book details provided. After that if the user is interested then the user can register with Book Store. The registration process prompts the user to input all necessary details to register like firstname, lastname, email id and password. After registration, the user will have a unique email id and a password for logging in to the Book Store. Registered Users have a search option to search books by giving the name of the author(s) or the ISBN of the book. Registered Users can add books to shopping basket and also purchase them.