**E-commercial Book Store**

**Requirements:**

Build an application for buying the books. The books have many categories such as Fiction, Non-Fiction, Math, Programming, Biography, …The application should display all the top of books that have good reviews from users on the homepage to help the users to see the best books.

One user can buy some books at the same time.

So that, user can do:

1. Register an user to login into website. User needs to provide First Name, Last Name, Address, City, State, Email, User Name, Password.
2. Login for buying books and see the books they ordered. User must enter user name and password that they registered.
3. Change password. On the login screen, there is a link “forgot password” to let user to change password.
4. Update customer profile.
5. View the list of best books that have highest rating or review. Each book must show name, author name, price, number of reviews, and hardcover (picture in front)
6. Search some books by name, ISBN, category. Each book must show name, author name, price, number of reviews, and picture in the front.
7. See the detail of specific book like name, author, price for rental, number of reviews, and picture in the front, description about book, number of pages, weight, dimension, prices and customer reviews.
8. Choose books, enter quantity and then add the books to shopping cart
9. Review all items in the shopping cart before making an order. Each item must show name, hardcover, price, total order. It should have buttons to check out or continue shopping.
10. User must login before checkout. If it is first order, user needs to provide card information (visa master/ credit card) such as card number, holder name , expire date, security code, country, zip-code. The expire date in customer card must be greater than payment date.
11. Sent an order confirmation email to user once order is submitted.

**An administrator can do:**

1. Login into system to manage book store system.
2. Change password.
3. Add a new book: choose category and enter name, author’s name, hardcover, weight, buying price, ISBN, publisher’s name, description, status( available, unavailable) and purchase price. Admin can see quantity for each book in the inventory.
4. Update a specific book: admin can update all information(the same add a book), affective date for price.
5. Delete a specific book: admin is only able to delete the books that have no order. This is logical delete.
6. Search book by name, category, ISBN. After clicking on search button, application displays all the books that match search criteria. Each book should show hardcover, name, author name and the links to update or delete.
7. See top 20 books that are the best seller. Each book should show name, author name, publisher’s name, total amount order and total quantity order.
8. See books that are the out of stock. Each book should show name, author name, publisher name, total amount order and total quantity order.
9. See books that are sold in each month. Each book should show name, author name, total amount order, total quantity order and quantity in inventory.
10. See books that don’t have any order in the month. Each book should show name, author name and publisher name.
11. Search publisher by name.