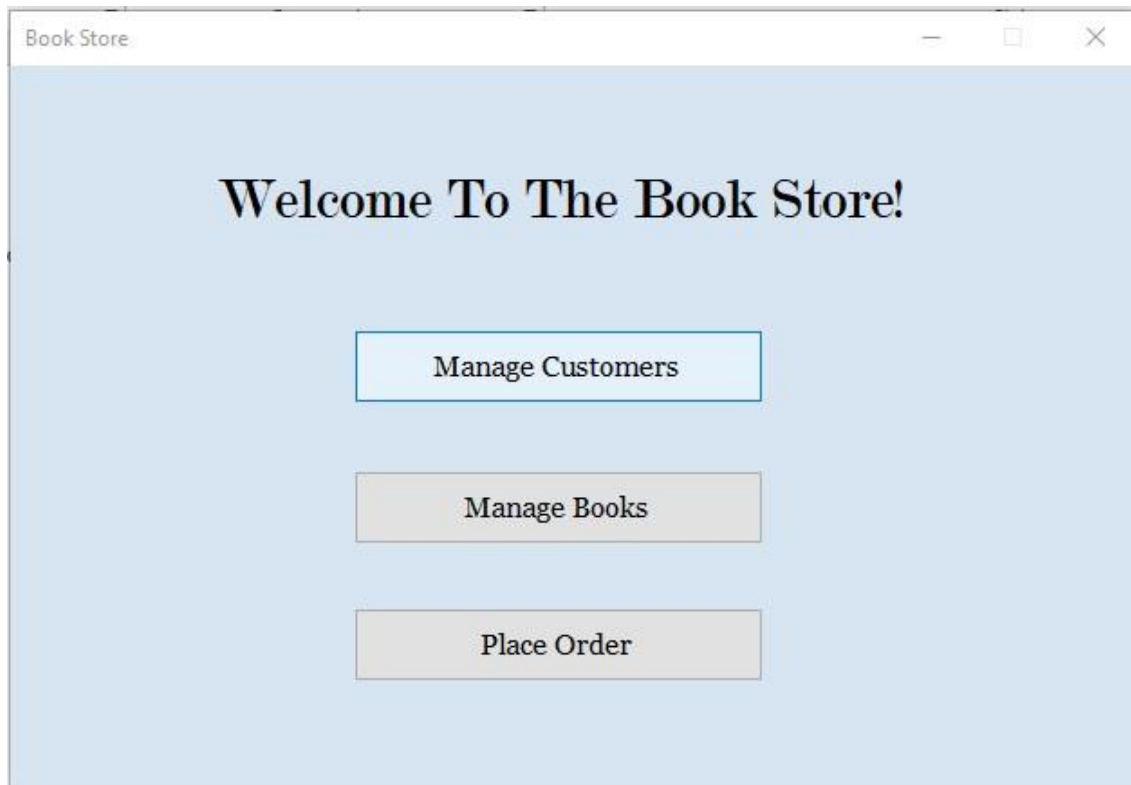Ana Maghradze

823356346

BookStore – Assignment #3

Description:

For this assignment we should use SQL database – BookStore and tables: Books, Customers, Orders and OrderDetails to store all the data for the application. The tasks are the following: there should be menu form with three buttons: Manage Books, Manage Customers and Place Order and after clicking on each of them corresponding form should be loaded. Books form enables user to update book or add new one, Back button closes the current form and shows menu form; Customers form does the same for customers. In Orders form, there should be another combobox filled with customers' first and last names.

To use BookStore database, I've connected my project and the SQL database from Visual Studio. In DataHandler class I have static variable – ConnectionString that I use in other classes. Also, I've added SQL file – query.sql that contains queries for BookStore database and tables.

Screenshots:

CustomerForm

Eliot Anderson ▾

First Name: Eliot   Last Name: Anderson

Email: eliot@gmail.com

Update Existing Customer   ×

ⓘ Do you want to update the Customer?

Yes   No

Phone: 8235685685

Address: Arrow Highway

City: San Diego

State: California   Zip Code: 897568

Back

New Customer

Save

Cancel

CustomerForm

Sheldon Cooper ▾

First Name: Sheldon   Last Name: Cooper

Email: sheldon@gmail

Invalid Input Provided   ×

❌ Make sure you filled out <Email> field and provided valid Email

OK

Phone: 4547875568

Address: North Los Robles Avenue

City: Pasadena

State: California   Zip Code: 22233

Back

New Customer

Save

Cancel

Books

-- Edit an Existing Book -- ▾

Title: Something

Author: Someone

Add New Book   ×

ⓘ Do you want to save the book?

Yes   No

ISBN: 123456789

Price: 45.20

Back

New Book

Save

Cancel

Books

The Hobbit and The Lord of the Rings ∨

Title   The Hobbit and The Lord of the Rings

Author   J. R. R. Tolkien

ISBN   9781451674519

Price   56.50

Back

New Book

Save

Cancel

Update Existing Book ✕

ⓘ Do you want to update the book?

Yes   No

Books

The Stand ∨

Title

Author   Stephen King

ISBN   9780441153719

Price   16.50

Back

New Book

Save

Cancel

Invalid Input Provided ✕

✖ Make sure you have provided valid inputs for all the fields

OK

Books

The Stand ∨

Title

Author   Stephen King

ISBN   9780441153719

Price   16.50

Back

New Book

Save

Cancel

Canceling Changes ✕

ⓘ Are you sure you want to cancel?

Yes   No

Book Order Form

Eliot Anderson

Harry Potter and the Prisoner of Azkaban

Author : J. K. Rowling   ISBN : 9764451674519

Price : 30.00   Quantity : 4

Confirm Order

ⓘ Are you sure you want confirm the order?

[Yes]   [No]

Title		Line Total
▶ Lord of the Flies		$115.00
Fahrenheit 451: A No		$27.00
Harry Potter and the		$120.00

Subtotal : $262.00   Tax : $26.20   Total : $288.20

[**Confirm Order**]   [**Cancel Order**]

Book Order Form

-- Select Customer --

-- Select Book Title --

Author :

Price : 0

Order Details

ⓘ Customer: Eliot Anderson
Order Date: 3/11/2021 6:06:43 AM

Ordered Books:

Book Title: Lord of the Flies
Book Price: $11.50
Quantity: 10
Lines Total: $115.00

Book Title: Fahrenheit 451: A Novel
Book Price: $13.50
Quantity: 2
Lines Total: $27.00

Book Title: Harry Potter and the Prisoner of Azkaban
Book Price: $30.00
Quantity: 4
Lines Total: $120.00

Subtotal: $262.00
Tax: $26.20
Total: $288.20

[OK]

Title		Line Total

Subtotal : 0

[**Confirm Order**]   [**Cancel Order**]