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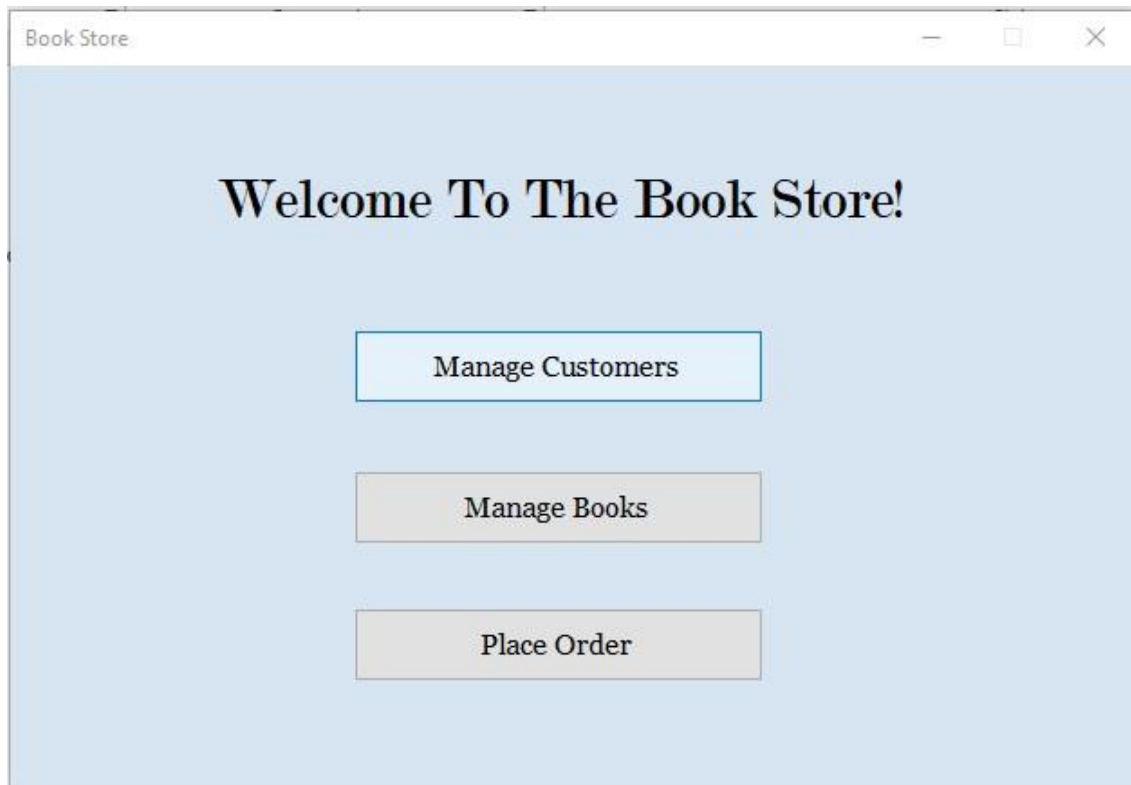
BookStore – Assignment #3

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:



A screenshot of a web application window titled "CustomerForm". The window has a light gray background. At the top, there is a title bar with the text "CustomerForm" and standard window control buttons (minimize, maximize, close). The main content area contains a form for managing customer information. At the top left, there is a dropdown menu with the text "-- Edit an Existing Customer --" and a small downward arrow. To the right of the dropdown menu is a "Back" button. Below the dropdown menu, there are two input fields: "First Name" and "Last Name". To the right of these fields is a "New Customer" button. Below the "First Name" and "Last Name" fields is an "Email" input field. To the right of the "Email" field is a "Save" button. Below the "Email" field is a "Phone" input field. To the right of the "Phone" field is a "Cancel" button. Below the "Phone" field is an "Address" input field. Below the "Address" field is a "City" input field. Below the "City" field is a "State" input field and a "Zip Code" input field.

CustomerForm

Eliot Anderson

First Name Eliot Last Name Anderson

Email eliot@gmail.com

Phone 8235685685

Address Arrow Highway

City San Diego

State California Zip Code 897568

Back

New Customer

Save

Cancel

Update Existing Customer

Do you want to update the Customer?

Yes No

CustomerForm

Sheldon Cooper

First Name Sheldon Last Name Cooper

Email sheldon@gmail

Phone 4547875568

Address North Los Robles Avenue

City Pasadena

State California Zip Code 22233

Back

New Customer

Save

Cancel

Invalid Input Provided

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

OK

Books

-- Edit an Existing Book --

Title Something

Author Someone

ISBN 123456789

Price 45.20

Back

New Book

Save

Cancel

Add New Book

Do you want to save the book?

Yes No

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 Novel	\$27.00
Harry Potter and the Prisoner of Azkaban	\$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

Confirm Order Cancel Order