Chapter 22 .Net

Read and work through Chapter 22 of the textbook.

I had originally intended to put together a tutorial for this chapter; however I re-thought this for several reasons:

1) How this chapter presents interfacing with a database is much different than what I’ve been exposed to with VB.NET (I used SQL much more), and hence I’m not much of an “expert” on the subject.

2) The chapter material is presented in somewhat of a tutorial manner with the steps laid out for several examples. I highly encourage you to take the time to work through these steps. As you work through the steps, take the time to process what you are doing and why,

As I worked through the chapter examples, I had some variances from what is in the textbook. Here are my observations:

- Page 859, Step 2, Number 3: It states to choose Microsoft SQL Server. When I did so, on the next step I was not able to choose my database. Instead, I chose Microsoft SQL Server Database File.

- Page 859, Step 2, Number 3: FYI – the first time that I clicked on Test Connection, it timed out; however on subsequent clicks, it was fine.

- Page 866, Step 2, last paragraph: It states to click Edit Columns. I had to click the ellipsis button shown in the Values column for the Columns property.

- Page 869: After I entered the code from the textbook and ran the program the first time, nothing displayed in the data grid. I stopped the program and reran it. The data grid was then ok.

- Page 870, Step 2: On the previous page, it stated that “we disabled the buttons in the BindingNavigator that enable the user to add and delete records”, yet performing this is not done in the step.

In design, click on the Add button in the titleBindingNavigator. In the Property window, change the Enabled property to be False.

Do the same for the Delete button.

- Page 875: When you create the app, you will have to add a Textbox control to the form. Set its Name property to outputTextBox. Also, for the TextBox, set the Multiline property to True.

- Page 881, Step 3: You would want to disable the Add and Delete buttons on the navigator as done in previous projects.

- Page 881, Step 4: In Step 6, I was not seeing the fields for the Titles. The reason is some missing guidance in Step 4. In addition to changing HashSet to ObservableCollection in the constructor, change ICollection to ObservableCollection.

- Page 881, Step 6: To match up with Figure 22.30, you should delete the Authors column (for the DataGrid, go to the Columns property. In the Edit Columns dialog box, remove the Authors column)

- Section 22.9: I had no issues with this section. The first time I ran the program, no data was displayed. I stopped it and reran it with no problems.

4.

**Work on your Chapter 22 assignment (due 9/26)**

- Exercise 22.7 on page 896

You will first need to complete Exercise 22.6, which is very much like AddressBook program created in Section 22.9.

For Exercise 22.7, you should add the ability to search by batting average. For an example of filtering for a range, you could refer back to page 359.

If you would like to see a visual for this exercise, download and unzip the Chapter22Baseball file located on D2L under Materials Content  Chapter Files.