Lab 6 – More EF and Azure Deployment, Group A: Book Catalog

CS295N, Web Development 1: ASP.NET

Objectives

Gain experience:

- Adding Seed Data
- Adding a search
- Adding a drop-down list to the UI
- Deploying a web app to Azure

Book Catalog Web App

Part 1: Add seed data and a search feature

Modify your Book Catalog web app to add the following features:

- Seed the app with information on at least seven books. Several of the books should be by the same authors.
- Add a search feature to search by title with the title entered in a text input field
- Add a feature to search by author with the author selected from a drop-down list

Use the tutorial, https://docs.microsoft.com/en-us/aspnet/core/tutorials/razor-pages, as a guide. In particular look at the sections 4 and 6:

      4. Working with SQL Server LocalDB and ASP.NET Core

      6. Adding search to an ASP.NET Core MVC app

Part 2: Publish to Azure

Set up a free account on Azure (see the Moodle page for this week for info on how to set up an Azure account). Deploy your web app to Azure (see the Moodle page for a link to a tutorial on publishing your web app to Azure).

Submission to Moodle

Beta Version

Upload the following to the Code Review Forum:

1. A zip file containing your web app's Visual Studio solution folder.
   Or, a link to a repository containing your web site solution source code. You can put the link on the same document with the report on your exercise from part 1.
2. A code review of your lab partner's work. (You do this after your lab partner submits item 1 and you have reviewed it.)

Production Version

1. Item 1 as above but revised as needed.
2. Item 2 above.
3. The code review of your work (the one done by your lab partner) with the second column ("Production") completed by you.

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