Lab 5 – Entity Framework, Group A: Book Catalog

CS295N, Web Development 1: ASP.NET

Objectives

Gain experience:

- Creating a Data Model
- Using Entity Framework
- Generating Scaffolding

Book Catalog Web App

cataloging web app that allows users to:

- Display all the books in the catalog
- Add a book
- Change the information about a book
- Remove a book from the catalog

Store the following information about each book

- Title
- Author
- Publication date

- Rating (one to five)
- Name of person who did the rating

The user should be able to enter their name on the main page and not need to enter it again each time they enter book info and provide a rating.

Follow the same steps as those in this week's tutorial, https://docs.microsoft.com/en-us/aspnet/core/tutorials/razor-pages, to create a scaffolded web site. You only need to follow the tutorial steps through part 3, Scaffolded Web Pages. You will create your web site from scratch as opposed to modifying the Movie web site.

Clean up the code generated by the scaffolding. For example, labels and text on the pages should be in correct English (not using property names) and users should be asked for just the date, not date and time.

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.