Lab 8 – Validation and Azure SQL Database

CS296N, Web Development 2: ASP.NET

Objectives

Gain practice working with data annotations, Razor validation messages, and model state. Also gain experience deploying a web app that uses a database to Azure.

Part 1: Textbook Exercise

Do the project in *Pro ASP.NET Core MVC,* Ch. 11 – SportsStore: Administration

Part 2: Validation

Modify your Community Web site so that at least 3 types of data annotation are used for validation. Display validation and validation summary messages in each view that uses the models (or model) with the data annotations. Check model state in each controller method that uses the models (or model) with validation annotations and do something appropriate if the state isn't valid.

Part 3: Azure SQL Database

Set up a SQL Database Server and SQL Database on Azure and modify your Community Web site so that it will use the Azure SQL Database when your web site is published to Azure.

Submission to Moodle

Beta Version

Upload the following to the Code Review Forum:

1. Part 1: A document containing screen-shots of the SportsStore web app from Ch. 8 of the textbook running in your browser. (Please use .docx or .pdf format)
2. Part 2: 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.
3. Part 3: A document containing a link to your web site on Azure.
4. A code review of your lab partner's work. (You do this after your lab partner submits items 1 and 2 and you review them.)

Production Version

1. Items 1—3 above, but revised as needed.
2. The code review of your work (the one done by your lab partner) with the second column ("Production") completed by you.
3. Optional: A link to your web site running on Azure. (You can put the link on the document containing the screen shots of your exercise from part 1).

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