Lab 2 – Best Practices for Razor Pages, Group A

CS295N, Web Development 1: ASP.NET

Objectives

Gain experience:

- Using a _ViewImports file
- Using a layout file
- Using the HTTP Session object
- Separating logical operations into a separate class

Guess my number game

Update the guess my number game as follows:

- Refactor the index.cshtml file so that it uses a _ViewImports file and a layout file.
- Separate the code that is involved in game-play logic into its own class.
- Use the Session object to store the randomly generated number rather than storing it in a hidden form field

Alternative App

Propose a different web app that gives you practice with the same four techniques. Send a message to your instructor with your proposal, and if it's approved, create the alternate app.

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.