

Lab 2 – Best Practices for Razor Pages, Group B

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

Age calculator

Update the age calculator app 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 calculating the user's age into its own class.
- In the OnGet method, store the system date into the Session object, then in the OnPost method retrieve the date from the Session object (rather than getting it from the system again).

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 items 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.