

Lab 2, Group A – Controllers and Actions

CS296N, Web Development 2: ASP.NET

Objectives

The purpose of this lab is to help you learn to:

- Write controller classes and action methods
- Define view models
- Send data to a view using a view model
- Send data to an action method from form fields

Part 1: Chapter 17 Exercise

Do the exercise in Freeman, *Pro ASP.NET Core 2*, chapter 17.

Part 2: Community Information Site

Add a trivia quiz page to the web site. This page will display a multiple-choice trivia question when you open the page. After you answer the question and click submit, the following will be displayed:

(Either on the same page or on another page)

- Whether you were right or wrong
- The total number of right answers
- The next question

Details:

- Use radio buttons for the choices
- Include 5 to 10 questions
- Put the action method(s) in a new controller class

Submission to Moodle

Beta Version

Upload the following to the Code Review Forum:

1. A document containing screen-shots of the web app in exercise running in your browser. (please use .docx or .pdf format)
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 tutorial exercise.
3. 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.)

Written by Brian Bird, Lane Community College, winter 2018

Production Version

1. Items 1 and 2 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.