

## Lab 3, Group A – Layouts and Tag Helpers

CS295N, Web Development 1: ASP.NET

### Objectives

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

- Use Razor layouts to share common mark-up between views
- Use ViewData and ViewBag to transfer data from controller methods to views or from views to layouts
- Use pre-defined Tag Helpers to simplify Razor views

### Additions to Your Community Information Site

#### Layouts

- Add a default layout to your project and use it in multiple views
- Add another layout that is used in just two or three views

#### ViewData / ViewBag

- Use ViewBag in at least one place to send data to a view
- Use ViewBag in at least two places to send data from a view to a layout
- Use ViewData in at least one place

#### Tag Helpers

- Use at least three Form Tag Helpers in your project
- Use at least three other Tag Helpers in your project

### 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 tutorial exercise.
2. 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 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.