Lab 4 – LINQ, Forms and HTML Helpers

CS296N, Web Development 2: ASP.NET

Objectives

- Modify scaffolding code to get the functionality you really want
- Write LINQ queries (in controller methods)
- Work with HTML forms using Razor (in the views)
- Write Razor code and use HTML helper methods (in the views)

Part 1

Make a working forum page in your community web site. Do this by modifying the scaffolding code so that you have three views:

- A summary view that:
  - Shows a list of messages with: topic, author, date, subject, and a link to the message details view (one line per message).
  - Has a link to the message writing view
- A message details view that shows:
  - Author, date, subject, topic and message body
- A message writing view.

Part 2

On the forum pages, add these features:

- A search feature that allows users to search for messages with a particular keyword in the subject.
- A drop-down list for selecting a topic when writing a message.
- A way to add a topic (you can do this in a separate text box or you can make the drop-down list above editable.)

Submission

Submit the following to Moodle:

- Zipped solution folder for your web site (or a link to a repository or online storage)
- The completed code review form.