

Lab 2 – Authentication and Authorization using Identity

CS296N, Web Development 2: ASP.NET

Objectives

Get practice:

- Creating and managing user roles
- Restricting access so only authorized users can access certain pages
- Seeding the web site with a default administrator

Instructions

Part 1 – Textbook Tutorial

- Build the web site described in Ch. 29 of Pro ASP.NET MVC 2, or download the completed code and run it.
- Take a screen-shots of each of the views being used.

Part 2 – Your Web Site

- Enhance the existing user account controller by adding login and logout methods (You will need to add the views to go with these too.)
- Enhance the admin feature by adding action methods and views to manage user roles:
 - Show all roles
 - Edit a roll
- Add code to create a default administrator
- Require authorization for certain parts of your web site using the following roles: (This will require adding code to create the roles too.)
 - no role, just require authentication
 - member
 - admin

Submission to Git and Moodle

Beta Version, Tutorial and Code Review

1. Submit a single document containing screen-shots of your tutorial.
2. Commit your work to a branch of your Git repository named lab2-authorization
3. Send a pull request to your lab partner and to the instructor
4. When you get pull request from your lab partner, do a review of their code
5. On Moodle, enter the URL of your lab partner's branch with your code review using "online text". Please do not put it in a comment.

Production Version

1. Merge your work into a branch named lab2-master
2. Enter the URL of your master branch on Moodle using "online text". Please do not put it in a comment.
3. Enter the URL of your web site running online