**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 admin feature by adding action methods and views to:
  + For managing user accounts:
    - delete a user
    - and / or edit a user
  + For managing user roles
    - Show all roles
    - Create a roll
    - Edit a roll
    - Delete a roll
* Enhance the existing user account controller by adding a logout method
* Add code to create a default administrator
* Require authorization for certain parts of your web site using the following roles:
  + 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