

# **Role Management & Validation Demo**

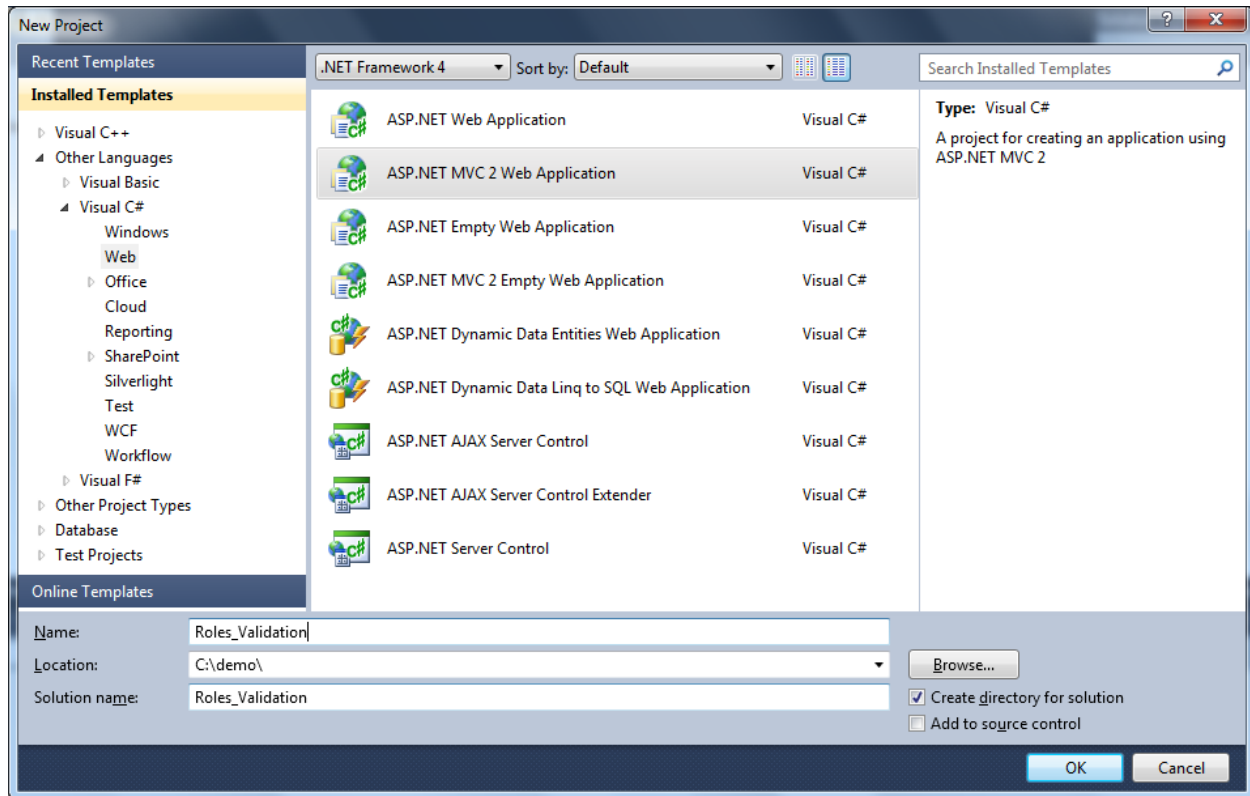
**Vijay Ramakrishnan**

**CSE686 – Internet Programming**

**Spring 2012**

**Reference: Role Demo and Validation demo – Prateek Maloo, TA CSE 686,  
spring 2011**

## STEP 1: Create a new ASP.Net MVC2 Web Application



## STEP 2: Run the application and click on [Log On] button, then click Register

Register

localhost:53895/Account/Register

[ Log On ]

### My MVC Application

[Home](#) [About](#)

#### Create a New Account

Use the form below to create a new account.

Passwords are required to be a minimum of 6 characters in length.

Account Information

User name  
developerUser

Email address  
developer@email.com

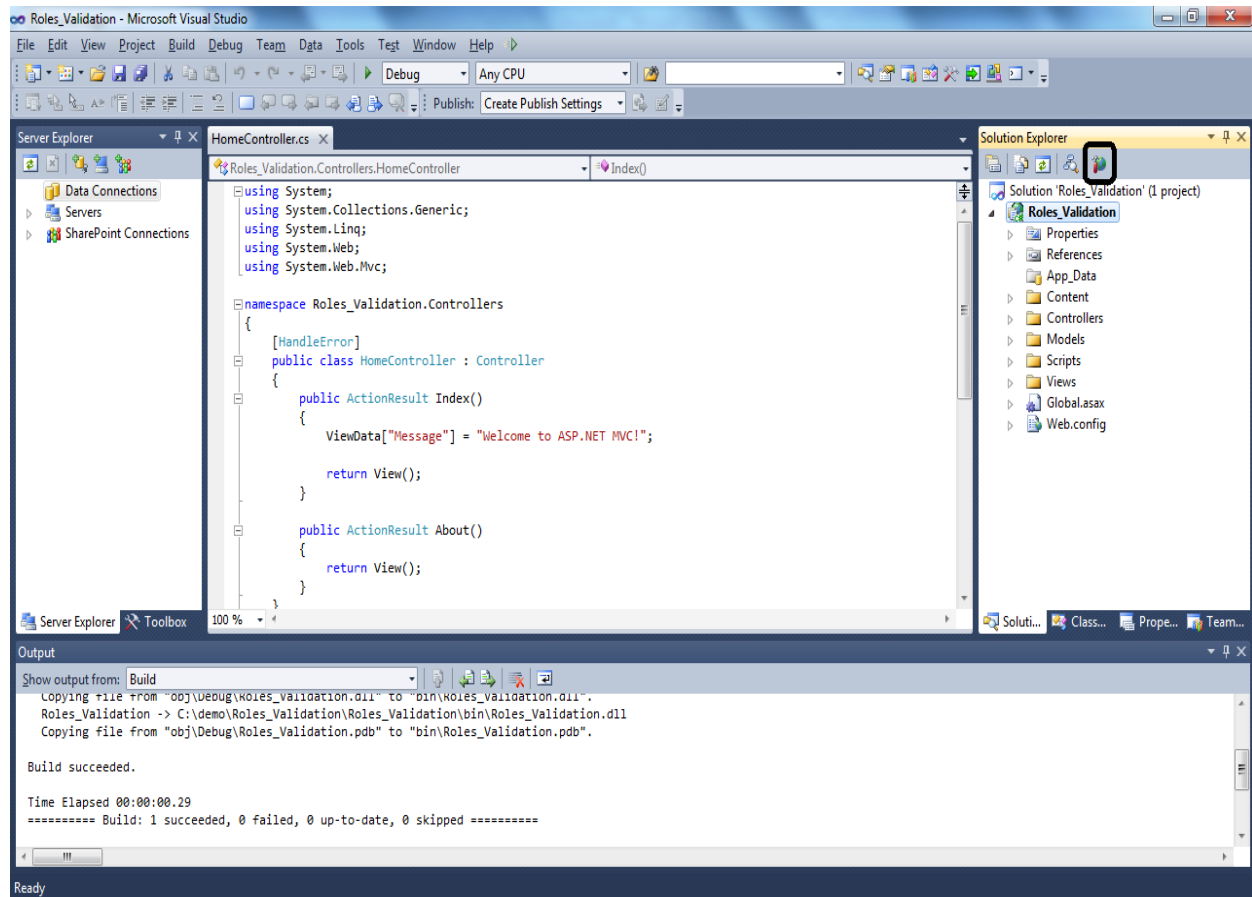
Password  
\*\*\*\*\*

Confirm password  
\*\*\*\*\*

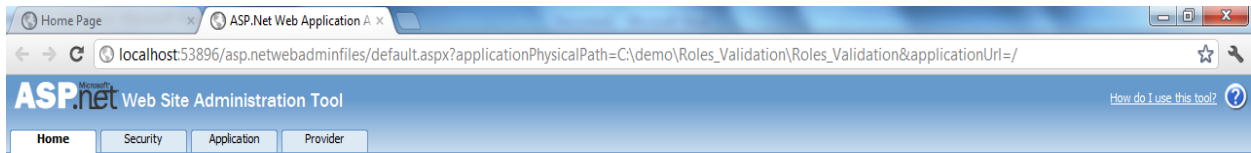
Create the following userids

1. developerUser
2. managerUser
3. customerUser

### STEP 3: Start the ASP.Net configuration manager



## STEP 4: Click on Security



### Welcome to the Web Site Administration Tool

Application: /

Current User Name: VRK-WORK-PC\VRK-WORK

[Security](#)

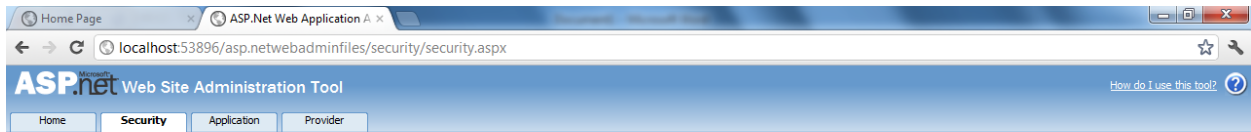
Enables you to set up and edit users, roles, and access permissions for your site.  
Existing users: 3

[Application Configuration](#) Enables you to manage your application's configuration settings.

[Provider Configuration](#) Enables you to specify where and how to store administration data used by your Web site.



## STEP 5: Click on Enable Roles



You can use the Web Site Administration Tool to manage all the security settings for your application. You can set up users and passwords (authentication), create roles (groups of users), and create permissions (rules for controlling access to parts of your application).

By default, user information is stored in a Microsoft SQL Server Express database in the Data folder of your Web site. If you want to store user information in a different database, use the Provider tab to select a different provider.

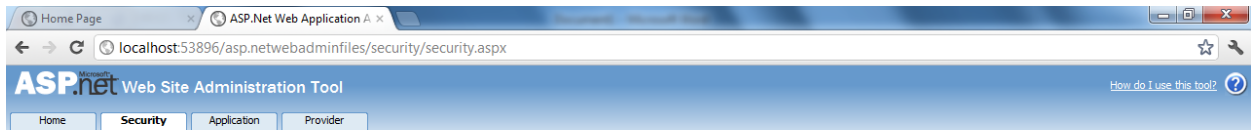
[Use the security Setup Wizard to configure security step by step.](#)

Click the links in the table to manage the settings for your application.

Users	Roles	Access Rules
Existing users: 3 <a href="#">Create user</a> <a href="#">Manage users</a>  <a href="#">Select authentication type</a>	Roles are not enabled <a href="#">Enable roles</a> Create or manage roles	<a href="#">Create access rules</a> <a href="#">Manage access rules</a>



## STEP 6: Click on Create or Manage roles



You can use the Web Site Administration Tool to manage all the security settings for your application. You can set up users and passwords (authentication), create roles (groups of users), and create permissions (rules for controlling access to parts of your application).

By default, user information is stored in a Microsoft SQL Server Express database in the Data folder of your Web site. If you want to store user information in a different database, use the Provider tab to select a different provider.

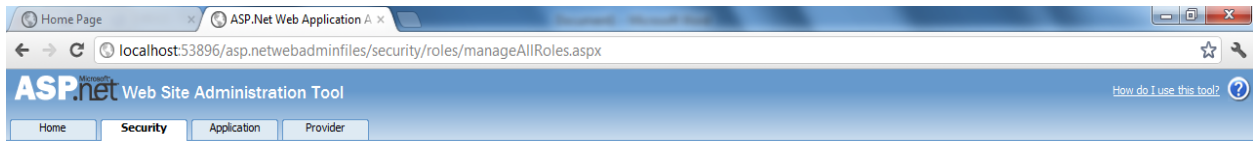
[Use the security Setup Wizard to configure security step by step.](#)

Click the links in the table to manage the settings for your application.

Users	Roles	Access Rules
Existing users: <b>3</b> <a href="#">Create user</a> <a href="#">Manage users</a>  <a href="#">Select authentication type</a>	Existing roles: <b>0</b> <a href="#">Disable Roles</a> <a href="#">Create or Manage roles</a>	<a href="#">Create access rules</a> <a href="#">Manage access rules</a>



## STEP 7: Add 3 roles – developer, manager and customer



You can optionally add roles, or groups, that enable you to allow or deny groups of users access to specific folders in your Web site. For example, you might create roles such as "managers," "sales," or "members," each with different access to specific folders.

**Create New Role**

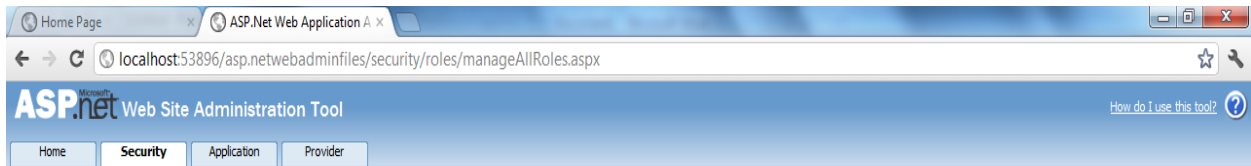
New role name:

Role Name	Add/Remove Users	
developer	<a href="#">Manage</a>	<a href="#">Delete</a>
manager	<a href="#">Manage</a>	<a href="#">Delete</a>

[Back](#)



## STEP 8: Click on manage for a specific role



You can optionally add roles, or groups, that enable you to allow or deny groups of users access to specific folders in your Web site. For example, you might create roles such as "managers," "sales," or "members," each with different access to specific folders.

**Create New Role**

New role name:

Role Name	Add/Remove Users	
customer	<a href="#">Manage</a>	<a href="#">Delete</a>
developer	<a href="#">Manage</a>	<a href="#">Delete</a>
manager	<a href="#">Manage</a> <input type="text" value="Manage [developer]"/>	<a href="#">Delete</a>

[Back](#)

javascript:doPostBack('ctl00\$ctl00\$ctl00\$content\$content\$content\$dataGrid\$ctl03\$linkButton1','')

## STEP 9: Search for all users and assign the role to single user or multiple users



Use this page to manage the members in the specified role. To add a user to the role, search for the user name and then select **User Is In Role** for that user.

Role: **developer**

**Search for Users**

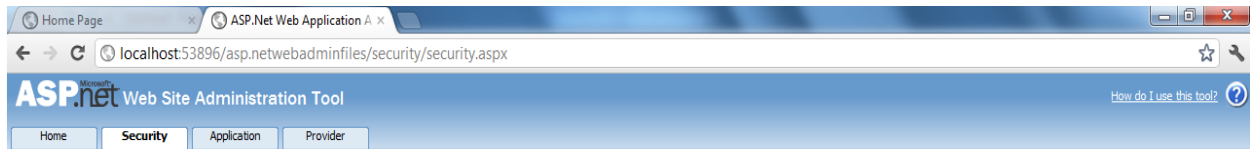
Search By: User name for  Find User

Wildcard characters \* and ? are permitted.

[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#) [All](#)

User name	User Is In Role
customerUser	<input type="checkbox"/>
developerUser	<input type="checkbox"/>
managerUser	<input type="checkbox"/>

## STEP 9: Alternatively, go to Security tab and click manage users



You can use the Web Site Administration Tool to manage all the security settings for your application. You can set up users and passwords (authentication), create roles (groups of users), and create permissions (rules for controlling access to parts of your application).

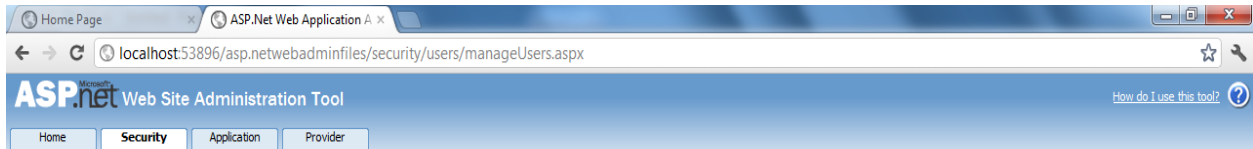
By default, user information is stored in a Microsoft SQL Server Express database in the Data folder of your Web site. If you want to store user information in a different database, use the Provider tab to select a different provider.

[Use the security Setup Wizard to configure security step by step.](#)

Click the links in the table to manage the settings for your application.

<b>Users</b> Existing users: 3 <a href="#">Create user</a> <a href="#">Manage users</a> <a href="#">Select authentication type</a>	<b>Roles</b> Existing roles: 3 <a href="#">Disable Roles</a> <a href="#">Create or Manage roles</a>	<b>Access Rules</b> <a href="#">Create access rules</a> <a href="#">Manage access rules</a>
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## STEP 10: Assign roles to each of the users



Click a row to select a user and then click **Edit user** to view or change the user's password or other properties. To assign roles to the selected user, select the appropriate check boxes on the right.

To prevent a user from logging into your application but retain his or her information in your database, set the status to inactive by clearing the check box.

**Search for Users**

Search by:  for:

Wildcard characters \* and ? are permitted.

[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#) [All](#)

Active	User name				Roles
<input checked="" type="checkbox"/>	customerUser	<a href="#">Edit user</a>	<a href="#">Delete user</a>	<a href="#">Edit roles</a>	Add " <b>customerUser</b> " to roles: <input checked="" type="checkbox"/> customer
<input checked="" type="checkbox"/>	developerUser	<a href="#">Edit user</a>	<a href="#">Delete user</a>	<a href="#">Edit roles</a>	<input type="checkbox"/> developer
<input checked="" type="checkbox"/>	managerUser	<a href="#">Edit user</a>	<a href="#">Delete user</a>	<a href="#">Edit roles</a>	<input type="checkbox"/> manager

[Create new user](#)