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ASP.NET MVC - Security

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HTML (/html/default.asp)   CSS (/css/default.asp)

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To learn ASP.NET MVC, we are Building an Internet Application.

Part VIII: Adding Security

PHP (/php/default.asp)   JQUERY (/jquery/default.asp)

BOOTSTRAP (/bootstrap/default.asp)   ANGULAR (/angular/default.asp)
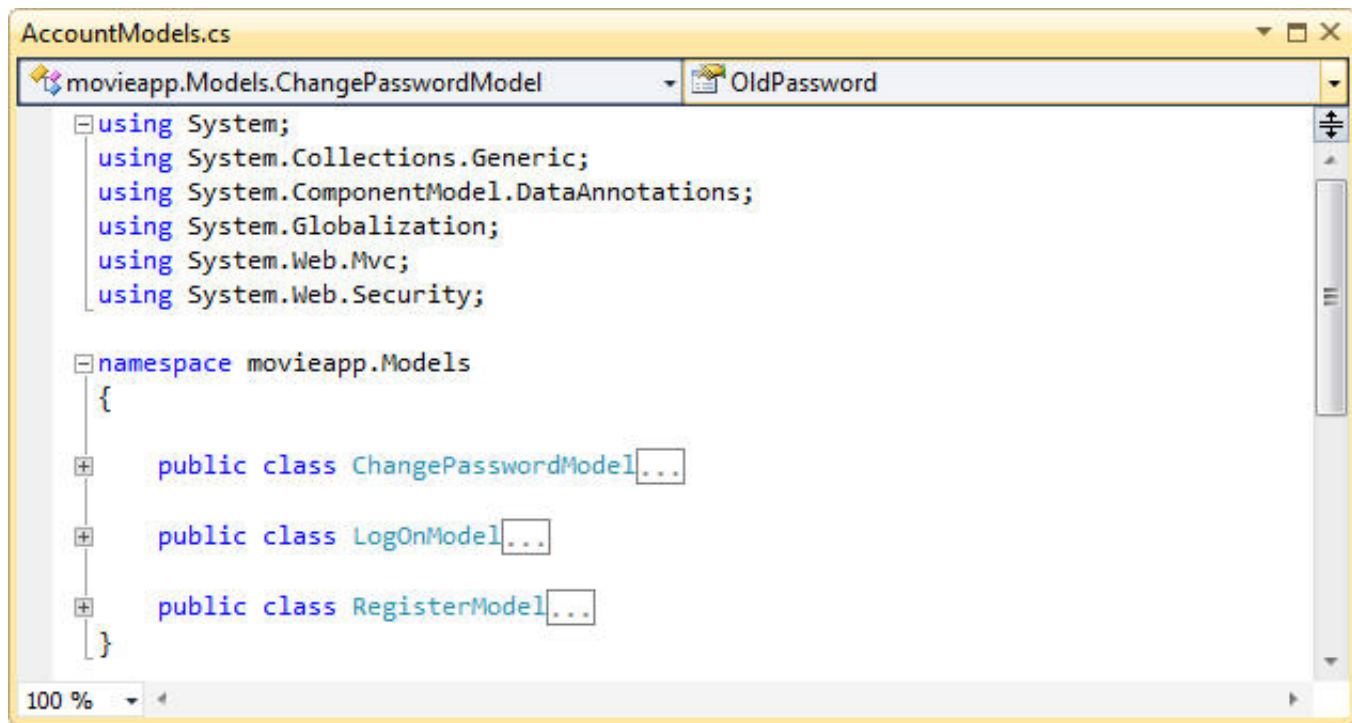
MVC Application Security

XML (/xml/default.asp)   TUTORIALS ▾   REFERENCES ▾

The **Models Folder** contains the classes that represent the application model.

EXAMPLES ▾   FORUM (/forum/default.asp)

Visual Web Developer automatically creates an **AccountModels.cs** file that contains the models for application authentication.

AccountModels contains a **LogOnModel**, a **ChangePasswordModel**, and a **RegisterModel**:

```
AccountModels.cs                                                    ▼ □ ✕

🔧 movieapp.Models.ChangePasswordModel    ▼   🔲 OldPassword                ▼

    ⊟using System;                                                         ⬍
     using System.Collections.Generic;                                    ▲
     using System.ComponentModel.DataAnnotations;
     using System.Globalization;
     using System.Web.Mvc;
     using System.Web.Security;                                           ▤

    ⊟namespace movieapp.Models
     {

    ⊞      public class ChangePasswordModel...

    ⊞      public class LogOnModel...

    ⊞      public class RegisterModel...
     }                                                                    ▼

100 %   ▼  ◄                                                          ►
```

The Change Password Model

```
public class ChangePasswordModel
{

[Required]
[DataType(DataType.Password)]
[Display(Name = "Current password")]
public string OldPassword { get; set; }

[Required]
[StringLength(100, ErrorMessage = "The {0} must be at least {2}        characters
long.", MinimumLength = 6)]
[DataType(DataType.Password)]
[Display(Name = "New password")]
public string NewPassword { get; set; }

[DataType(DataType.Password)]
[Display(Name = "Confirm new password")]
[Compare("NewPassword", ErrorMessage = "The new password and confirmation password
do not match.")]
public string ConfirmPassword { get; set; }


}
```

The Logon Model

```csharp
public class LogOnModel
{

[Required]
[Display(Name = "User name")]
public string UserName { get; set; }

[Required]
[DataType(DataType.Password)]
[Display(Name = "Password")]
public string Password { get; set; }

[Display(Name = "Remember me?")]
public bool RememberMe { get; set; }


}
```

The Register Model

```csharp
public class RegisterModel
{

[Required]
[Display(Name = "User name")]
public string UserName { get; set; }

[Required]
[DataType(DataType.EmailAddress)]
[Display(Name = "Email address")]
public string Email { get; set; }

[Required]
[StringLength(100, ErrorMessage = "The {0} must be at least {2} characters long.",
MinimumLength = 6)]
[DataType(DataType.Password)]
[Display(Name = "Password")]
public string Password { get; set; }

[DataType(DataType.Password)]
[Display(Name = "Confirm password")]
[Compare("Password", ErrorMessage = "The password and confirmation password do not
```

```
match.")]
public string ConfirmPassword { get; set; }


}
```

« Previous (mvc_models.a   Next Chapter » (mvc_htmlhelp

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(/tags/ref_colorpicker.asp)

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