

# ASP.NET MVC 5 Fundamentals

Identity & Security

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**pluralsight**   
hardcore developer training

# Authentication

New ASP.NET Project - Identity

Select a template:

Empty

Web Forms

**MVC**

Web API

Single Page Application

Facebook

A project template for creating ASP.NET MVC applications. ASP.NET MVC allows you to build applications using the Model-View-Controller architecture. ASP.NET MVC includes many features that enable fast, test-driven development for creating applications that use the latest standards.

[Learn more](#)

Change Authentication

Authentication: **Individual User Accounts**

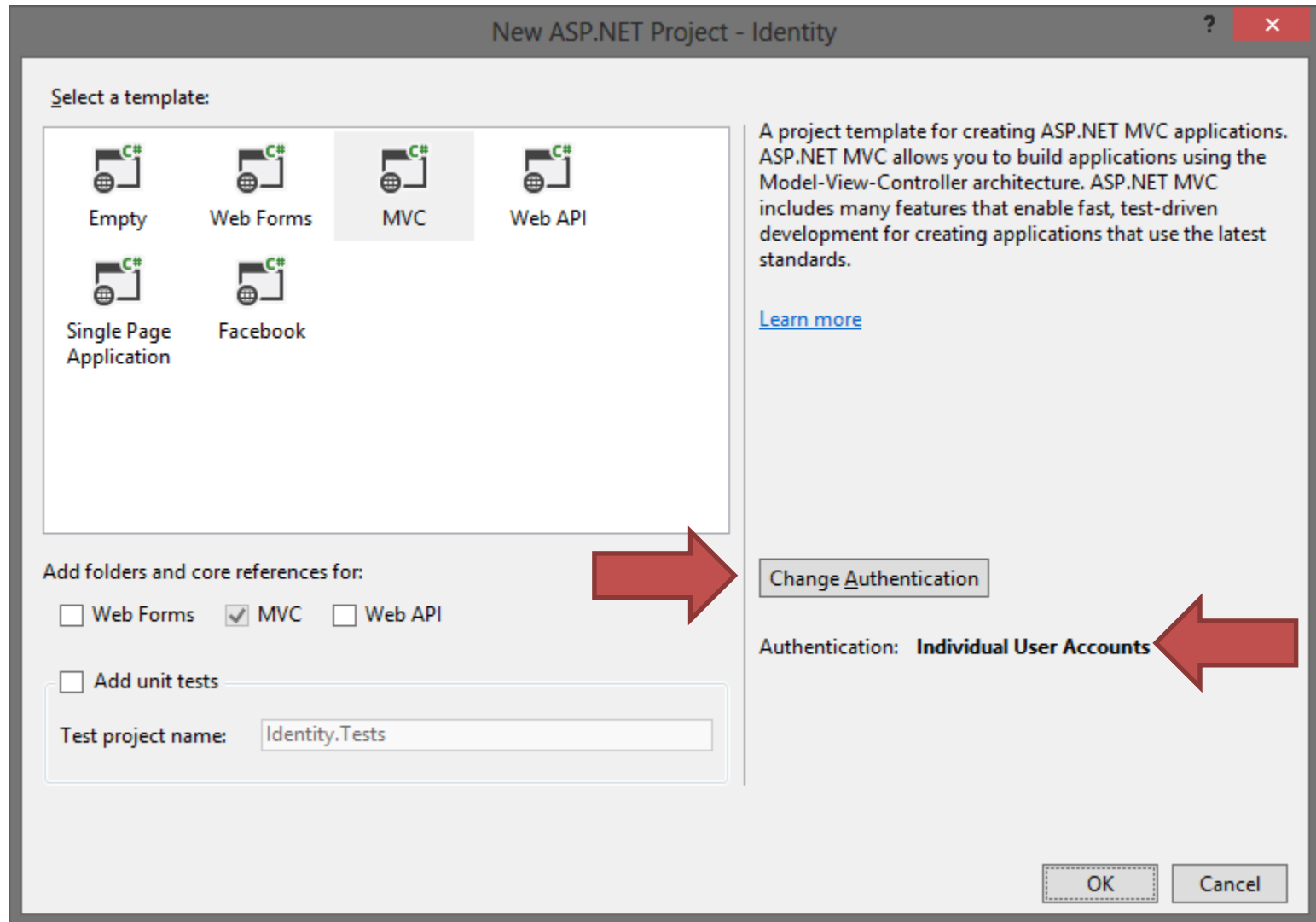
Add folders and core references for:

☐ Web Forms ☒ MVC ☐ Web API

☐ Add unit tests

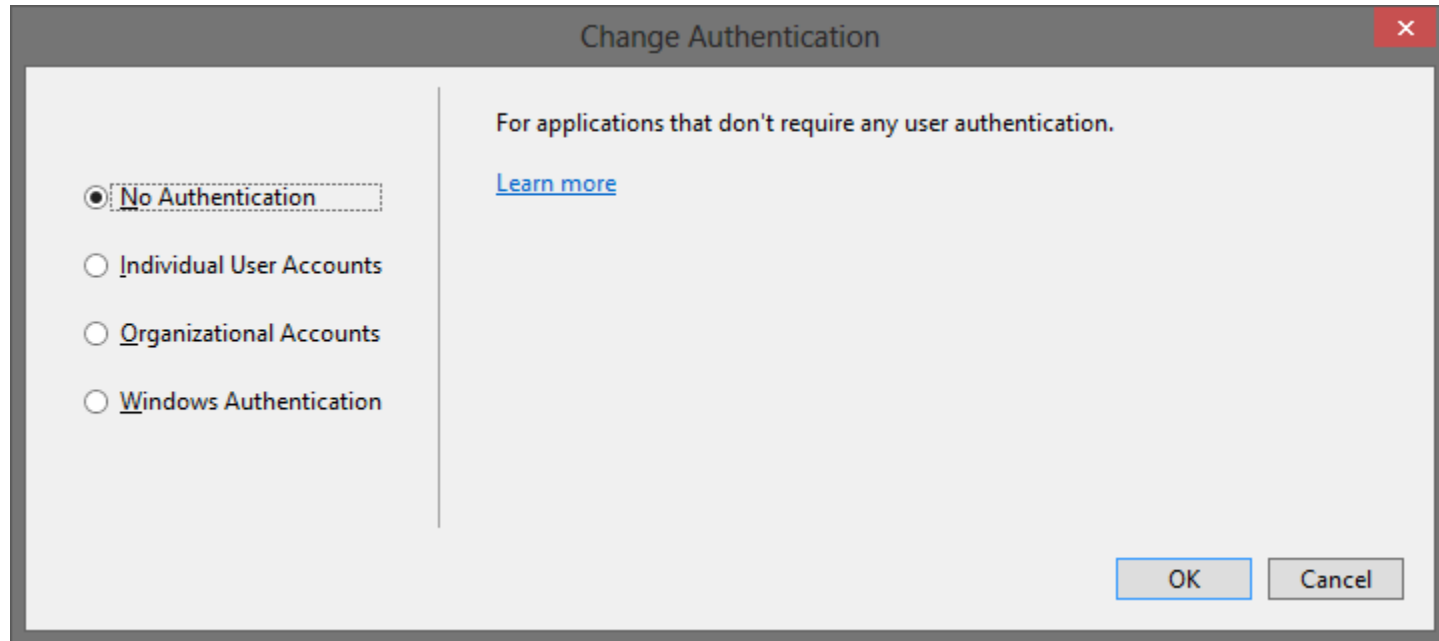
Test project name:

OK Cancel



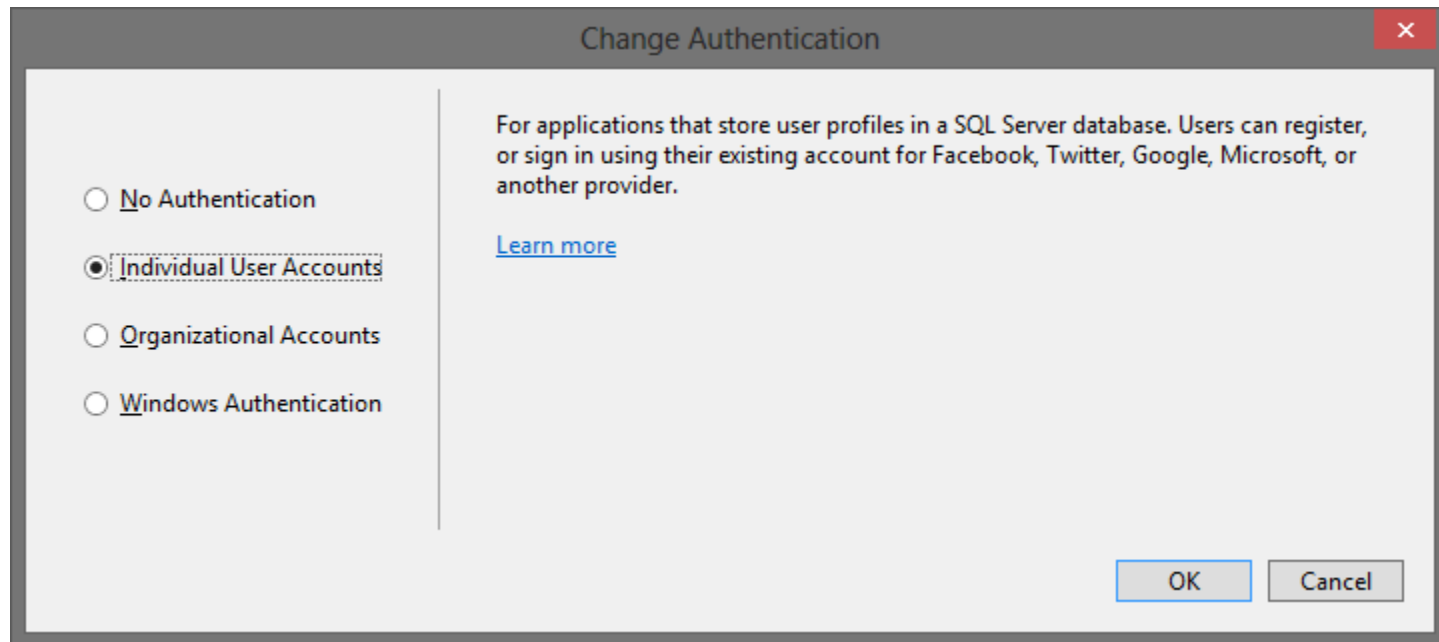
# No Authentication

- All anonymous users



# Individual User Accounts

- Forms authentication
- Can also enable Microsoft, Google, Facebook, Twitter



The screenshot shows a 'Change Authentication' dialog box with a close button (X) in the top right corner. On the left, there are four radio button options: 'No Authentication', 'Individual User Accounts' (which is selected and has a dashed border), 'Organizational Accounts', and 'Windows Authentication'. On the right, there is explanatory text: 'For applications that store user profiles in a SQL Server database. Users can register, or sign in using their existing account for Facebook, Twitter, Google, Microsoft, or another provider.' Below this text is a blue hyperlink labeled 'Learn more'. At the bottom right, there are 'OK' and 'Cancel' buttons.

Change Authentication

☐ No Authentication

☒ Individual User Accounts

☐ Organizational Accounts

☐ Windows Authentication

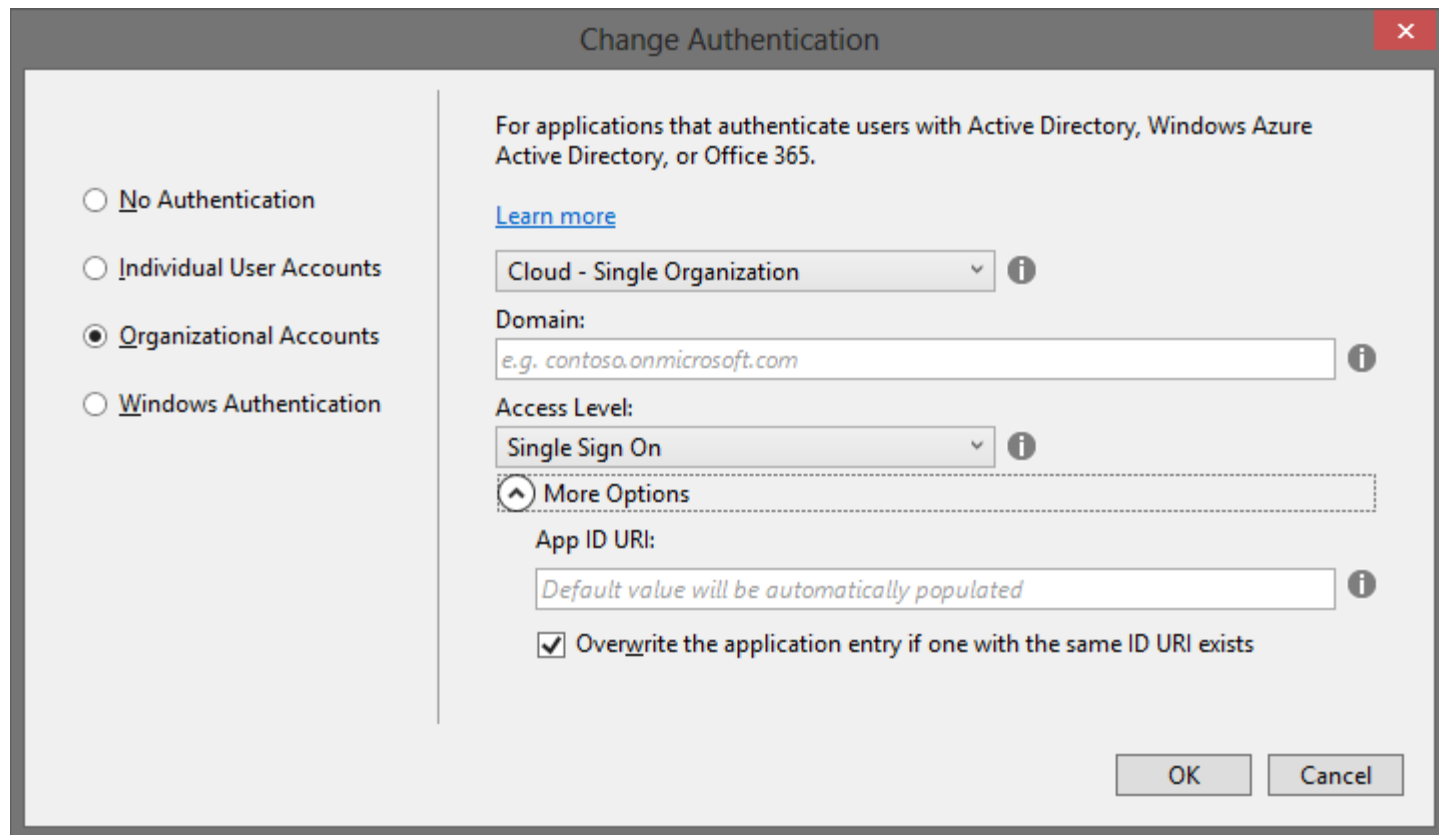
For applications that store user profiles in a SQL Server database. Users can register, or sign in using their existing account for Facebook, Twitter, Google, Microsoft, or another provider.

[Learn more](#)

OK Cancel

# Organization Accounts

- Active Directory Federation Services (Azure, Office 365, Local)



The screenshot shows a 'Change Authentication' dialog box. On the left, there are four radio button options: 'No Authentication', 'Individual User Accounts', 'Organizational Accounts' (which is selected), and 'Windows Authentication'. The main area on the right contains instructions: 'For applications that authenticate users with Active Directory, Windows Azure Active Directory, or Office 365.' Below this is a 'Learn more' link. A dropdown menu is set to 'Cloud - Single Organization'. The 'Domain:' field contains the text 'e.g. contoso.onmicrosoft.com'. The 'Access Level:' dropdown is set to 'Single Sign On'. A dashed box labeled 'More Options' contains an 'App ID URI:' field with the text 'Default value will be automatically populated' and a checked checkbox labeled 'Overwrite the application entry if one with the same ID URI exists'. At the bottom right are 'OK' and 'Cancel' buttons.

Change Authentication

☐ No Authentication

☐ Individual User Accounts

☒ Organizational Accounts

☐ Windows Authentication

For applications that authenticate users with Active Directory, Windows Azure Active Directory, or Office 365.

[Learn more](#)

Cloud - Single Organization

Domain:  
e.g. contoso.onmicrosoft.com

Access Level:  
Single Sign On

More Options

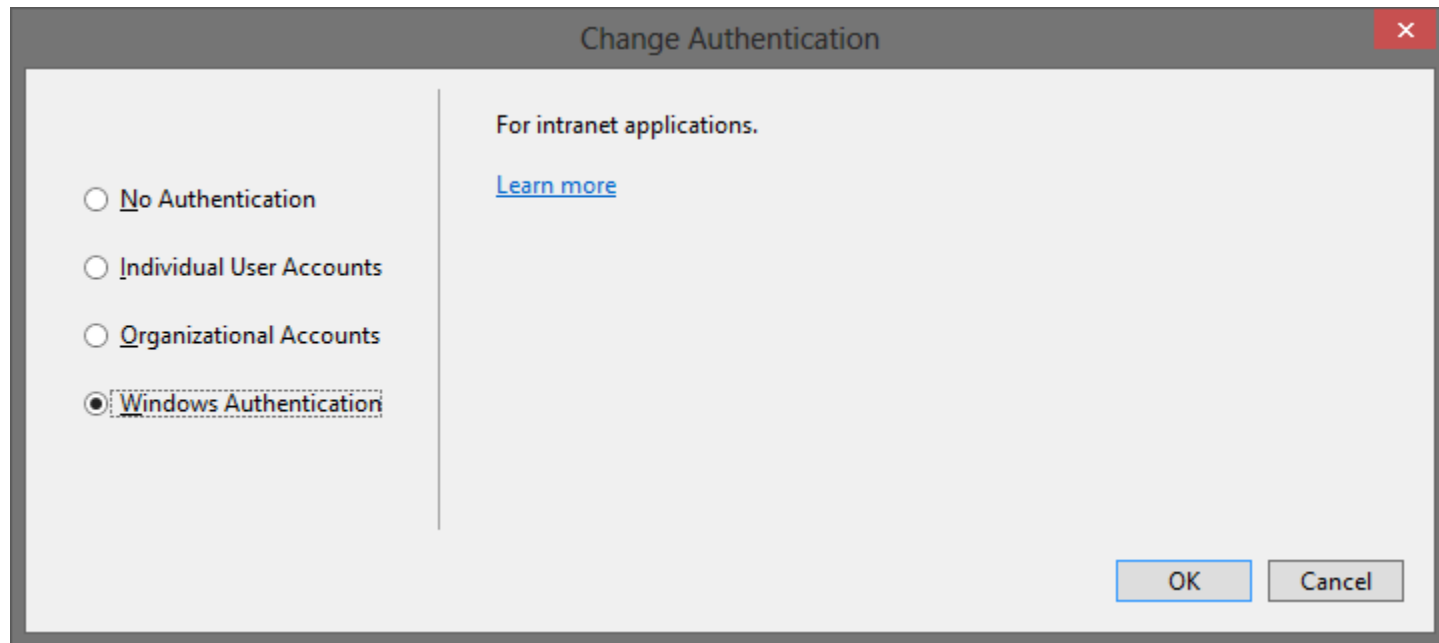
App ID URI:  
Default value will be automatically populated

☒ Overwrite the application entry if one with the same ID URI exists

OK Cancel

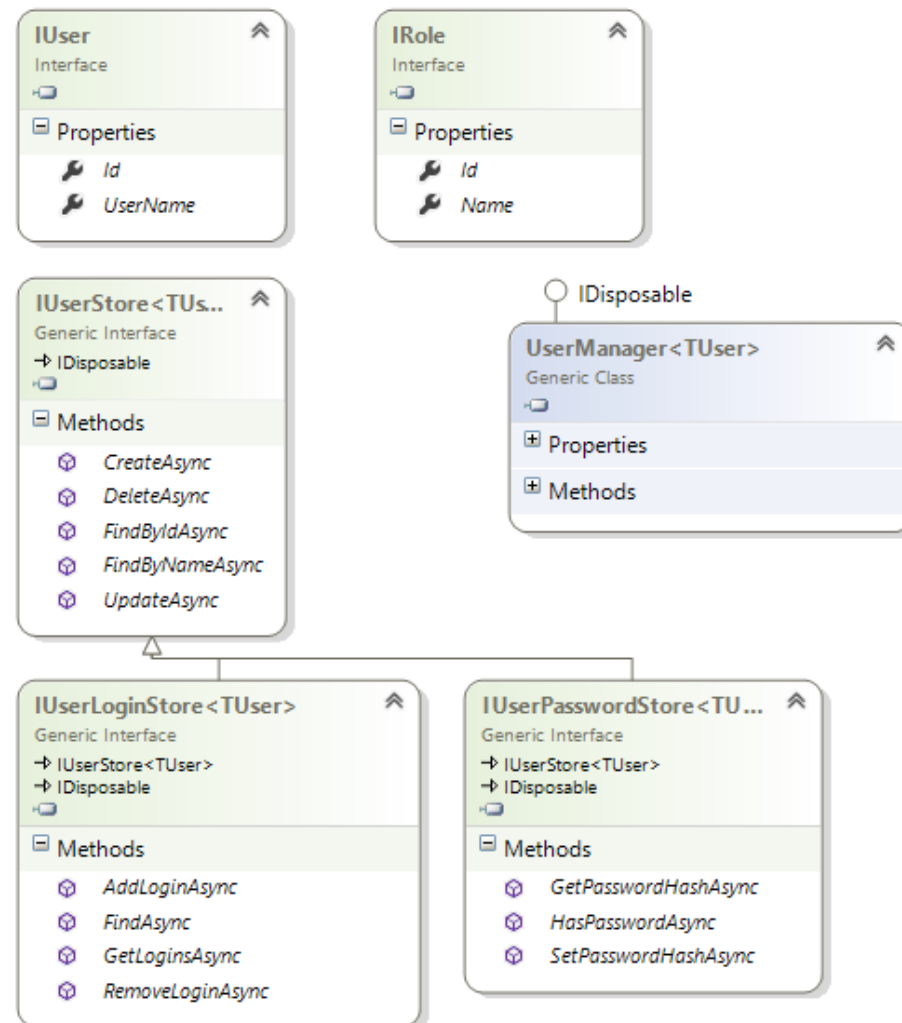
# Windows Authentication

- Intranet - no anonymous users



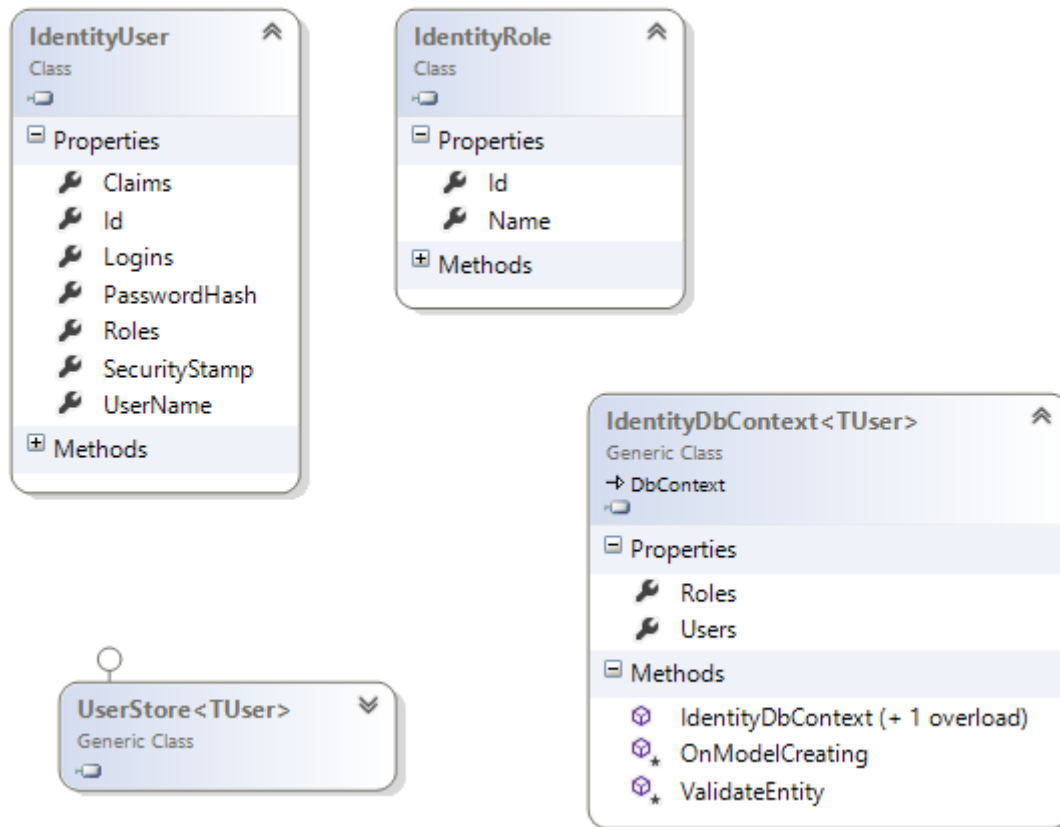
# Core Identity

- Microsoft.AspNet.Identity.Core



# Identity Stored In SQL Server

- Microsoft.AspNet.Identity.EntityFramework





# External Logins

- OpenID, OAuth



