

## Presentation Notes Taken by Paul ChuHi,

Meeting: Thursday, January 29th, Gerardo Melendrez  
"Demystifying the [ASP.NET](#) MVC Project Template".

Notes:

Visual Studio 2013 hands-on demo

New VS 2013 Asp.Net Mvc5 Project with Identity 2.0 ,

Entity Framework CodeFirst

Add Application Analytics  
Add to source control for TFS integration

Choose Mvc app ( not SPA app )  
checkboxes no Web Api, select Mvc

Change Authentiction option  
Choose Individual User Accounts ( Asp.Identity 2.0 )  
click Learn More for explanation of auth types

Choose hosting in Azure  
need Azure account

uses NuGet

ApplicationInsights.config

ToDo: How to get free hosting in Azure  
Visual Studio Online account  
Bizspark

=====

?? Enable Nuget Package Restore feature to get auto

updates

NOTE: can view bundles online  
localhost/bundles/css

Updating model: ApplicationUser : IdentityUser

add new property : EyeColor

Identity.config -  
can setup SMS texting with Twilio

<http://www.asp.net/identity>

Code! MVC 5 App with Facebook, Twitter, LinkedIn and

Google OAuth2 Sign-on (C#)

By Rick Anderson|last updated January 8, 2015

[http://www.asp.net/mvc/overview/security/create-an-](http://www.asp.net/mvc/overview/security/create-an-aspnet-mvc-5-app-with-facebook-and-google-oauth2-and-openid-sign-on#fb)

[aspnet-mvc-5-app-with-facebook-and-google-oauth2-and-](http://www.asp.net/mvc/overview/security/create-an-aspnet-mvc-5-app-with-facebook-and-google-oauth2-and-openid-sign-on#fb)  
[openid-sign-on#fb](http://www.asp.net/mvc/overview/security/create-an-aspnet-mvc-5-app-with-facebook-and-google-oauth2-and-openid-sign-on#fb)

facebook developers

[developers.facebook.com](http://developers.facebook.com)

Add a New App - website - MvcDemo2015-B

Fill out: Tell us about your website

localhost...

My Apps  
on your Dashboard

\*\*\* green link icon needs to be setup

\*\*\* Contact Email must be supplied

\*\*\* save App ID and App Secret Key

then update ?? Identity.config

```
app.UseFacebookAuthentication {  
  appId:  
  appSecret:  
}
```

first time FB login fails

The model backing the ApplicationDbContext ...  
we changed model - added EyeColor

+++ Code First Migrations

<https://msdn.microsoft.com/en-us/data/JJ591621.aspx>

Enable-Migrations ( to add Migrations folder )  
add-migration AddEyeColor

+++ VS has new Sql Server tool  
Sql Server Object Explorer  
which has RedGate SqlCompare features  
compare database schemas, generate change scripts  
compare data in tables ...

+++ Bootstrap CSS Themes

<http://davidhayden.me/blog/asp-net-mvc-5-and-bootstrap-3-css-framework>

<http://bootswatch.com/> - Free

<http://themeforest.net/tags/bootstrap>

## Presentation Notes Taken by John Hilts

Application insights - can add to a new project  
Azure only (for out of box support)

Use "enable nuget pkg restore" so you can get the necessary assemblies when you build without having to check them into SCM

Navigate to /content/CSS and the bundle gets served

Global.asax runs then startup.cs

ApplicationUserManager  
Contains lots of programmatic configs

ApplicationDbContext

ApplicationSignInManager

FB integration - skip the JS and use OWIN, the easy way

Remember to add contact email in FB's dev config

StartupAuth.cs - has commented out code for authing w external svcs

app.UseFacebookBlah <-- how do you add one that's not built-in??

```
nuget> enable-migrations  
add-migration AddEyeColor <-- this will generate a class with Up and Down methods  
update-database -v <-- applies changes to db
```

VS now has db compare built in - how do you do it?!? Server Explorer -> SQL Server Object Explorer

Part of data tools in vs2012 too

Links to external logins persisted to AspNetUserLogins

F12 dev tools has device emulation ??

You can DL 2 bootstrap files to easily swap out themes for a whole site  
Bootswatch.com (or something like that)