**MVC Project Walkthrough**

* Code First Models
* Identity Models
  + Account View Models if you added anything to Identity Models for ApplicationUser
    - Update Register Action in AccountController
    - Update Register View
* Update Web.config
  + New connection string (for Coder Foundry but if using your own local then leave as default and make sure SQL is pulling from local database as well so they match up)
    - VS 2017 “Persist Security Info=True;” required in connection string to prevent us from having to check Save My Password every time in the database manager for our Default Connection db
  + Create private.config (imported from previous project)
  + \*add file=”private.config” to <App Settings \*>
    - Obtain new SendGrid APIKey from SendGrid account for new application
* PM> enable-migrations
* Update Configuration.cs
  + Change AutomaticMigrationsEnabled = false; to true
  + Seed roles and users such as yourself as an admin, guest user(s), and any other users to be created
* PM>update-database
* Open Database Diagram in SQL and make sure tables and relationships are as planned (look out for system generated properties)

If creating a new project with important data in pre-created database table

1. Delete Migrations Folder along with Configuration file
2. Don’t enable automatic migrations
3. Re-seed roles, etc

PM> add-migration Initial -IgnoreChanges

Scaffolding migration 'Initial'.

The Designer Code for this migration file includes a snapshot of your current Code First model.

This snapshot is used to calculate the changes to your model when you scaffold the next migration.

If you make additional changes to your model that you want to include in this migration, then you can re-scaffold it by running 'Add-Migration Initial' again.

PM> update-database

Specify the '-Verbose' flag to view the SQL statements being applied to the target database.

Applying explicit migrations: [201605241338544\_Initial].

Applying explicit migration: 201605241338544\_Initial.

Running Seed method.

PM>

DON’T CHANGE THE NAME OF COLUMNS!!! – IT WILL REMOVE THE COLUMN AND ADD A NEW ONE WITHOUT THE DATA FROM THE ORIGINAL COLUMN