How to create a project in Asp.Net Core MVC

1. Press Create New Project
2. Choose **ASP.NET Core Web App (Model-View-Controller)** and Press Next
3. Name the project and give the location and Press Next
4. Choose -
   * **Target Framework** = .NET Core 3.1,
   * **Authentication Type** = Individual Account and Press Create
5. Go To **Startup.cs** file, on **33** line
   * services.AddDefaultIdentity<IdentityUser>(options => options.SignIn.RequireConfirmedAccount = true)
   * remove ‘**options => options.SignIn.RequireConfirmedAccount = true**‘
6. For adding **gitignore** file go to Git bar -> settings -> Git Repository Settings -> gitignore files -> press Add.

# Creating Class Libraries

**DataAccess Class Library**

1. Right click on solution tab
2. Press **Add**
3. New Project
4. Select Class library (C#)
5. Give project name (project name.DataAccess) -> #This library will have the repository pattern
6. Target Framework : **.NET Core 3.1**
7. Press Create

**Models Class Library**

1. Right click on solution tab
2. Press **Add**
3. New Project
4. Select Class library (C#)
5. Give project name (project name.Models) -> #This library will all the models
6. Target Framework : **.NET Core 3.1**
7. Press Create

**Utility Class Library**

1. Right click on solution tab
2. Press **Add**
3. New Project
4. Select Class library (C#)
5. Give project name (project name.Utility) -> #This library will be having all the static details
6. Target Framework : **.NET Core 3.1**
7. Press Create

# Installing Extensions

* Go to Tools bar
* NuGet Package manager
* Manage NuGet Packages for Solution
* Search the package name and install
* **Microsoft.AspNetCore.Mvc.Razor.RuntimeCompilation**
  + Install on main project
  + Go to **Startup.cs** file
  + On line **35 Services.AddControllerWithViews();**
  + Add -> **.AddRazorRuntimeCompilation();**
  + **Note:** Check the project version and compatibilities.
* **Microsoft.AspNetCore.Mvc**
  + Install in **DataAccess** & **Models** project
* **Microsoft.AspNetCore.Mvc.NewtonsoftJson**
  + Install in Main project
  + **Note:** Check the project version and compatibilities.
* **Microsoft.EntityFrameworkCore**
  + Install in **DataAccess** project
* **Microsoft.Extensions.identity.Stores**
  + Install in **DataAccess** & **Models** project
* **Microsoft.AspNetCore.Identity.EntityFrameworkCore** (pre-installed)
  + Install in **DataAccess** & **Main** project
* **Microsoft.EntityFrameworkCore.SqlServer** (pre-installed)
  + Install in **DataAccess** & **Main** project

# Design Plugins

* BootsWatch
* DataTables
* Toastr
* SweetAlert
* FontAwsome
* Jquery.serializeJSON