# Developing a WebApi application - Step by step tutorial

1. Create a blank solution
2. Choose REAL folders for the projects
3. Create new ASP.NET Web application -> Web Api
   1. Choose authentication type
4. Delete :
   1. Views
   2. Scripts
   3. Fonts
   4. Areas
   5. App\_Data
   6. In AppStart:
      1. BundleConfig
      2. FilterConfig
      3. RouteConfig
   7. Controllers -> HomeController.cs
   8. Favicon.ico
   9. Content
   10. Project\_Readme.html
   11. In Global.asax.cs
       1. FilterConfig…
       2. BundleConfig…
       3. RouteConfig…
       4. Area.Registration…
5. Fix Connection String
6. Create Code first Database
7. In App\_Start – DatabaseConfig.cs

public static void Initialize()

{

Database.SetInitializer(new MigrateDatabaseToLatestVersion<MusicSystemDbContext, Configuration>());

MusicSystemDbContext.Create().Database.Initialize(true);

}

1. In Global.asax.cs
   1. DatabaseConfig.Initialize();

Creating Controllers

1. In a controller
   1. This.User is the currently logged user
      1. This.User.Identity.Name – username
      2. This.User.Identity.IsAuthenticated – is the user authenticated
   2. [Route("api/artists/all")] predefined route
   3. Create Folder “Somethings” for the transfer objects
      1. SomethingDetailsResponseModel
      2. SaveSomethingRequestModel