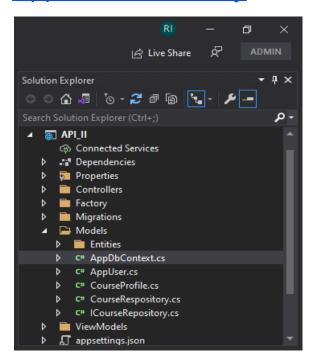
Application Security



Install:

- Microsoft.AspNetCore.Identity.EntityFrameworkCore
- Microsoft.Extensions.Identity.Core
- Microsoft.Extensions.Identity.Store

Steps:

- Go to your AppdbContext, change public class AppDbContext:DbContext to public class AppDbContext:IdentityDbContext
- 2) Go to package manager control and write the following: add-migration ImplementIdentity
- 3) And then enter: update-database
- 4) Configure the middleware in the startup.cs add app.UseAuthentication();
- 5) Create AppUser Class

```
Saturbos AppUser.cs Ap
```

6) Create a class that will be aware of AppUser Class called AppUserClaimsPrincipal

```
Startup.cs AppDbeContext.cs AppDberClaimsPrincipalFactory.cs www.ppDberClaimsPrincipalFactory.cs www.p
```

7) Add configurations/ security stuff in startup.cs

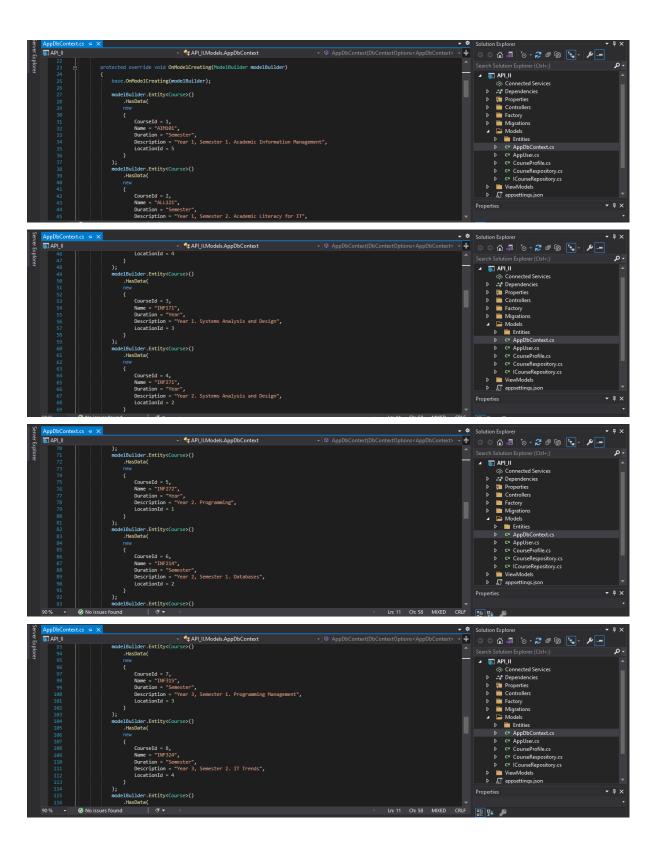
```
| Services | Application | Application | Application | Solution Epipore | Solution Epipor
```

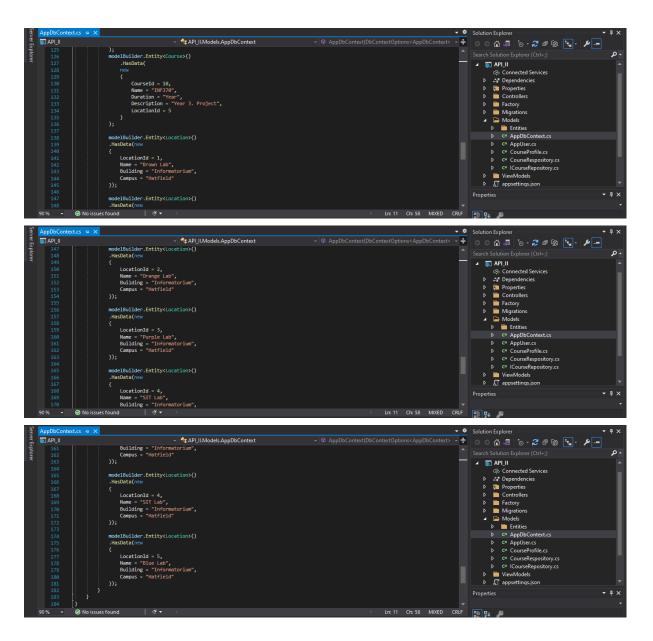
AppDbContext.cs

```
AppDbContextCs = X

APP_UII

Susing API_LII.Models.Entities;
Using Microsoft.AspNetCore.Identity.EntityFrameworkCore;
Using Microsoft.AspNetCore.IdentityFrameworkCore;
Using Microsoft.AspNetCore.Identity Microsoft.AspNetCore
```

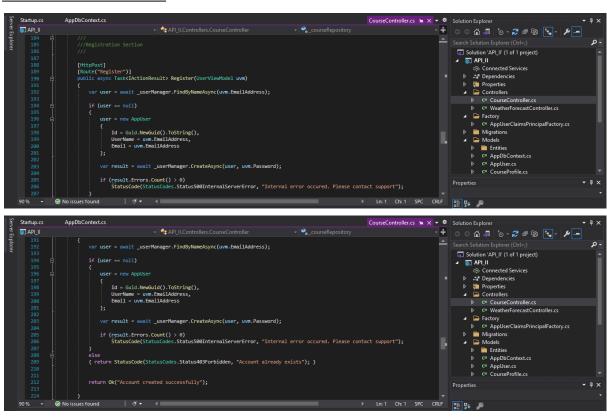


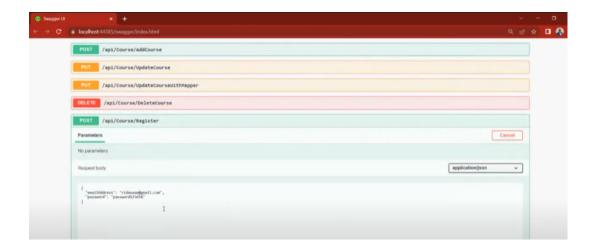


Register User

<u>UserViewModel.cs</u>

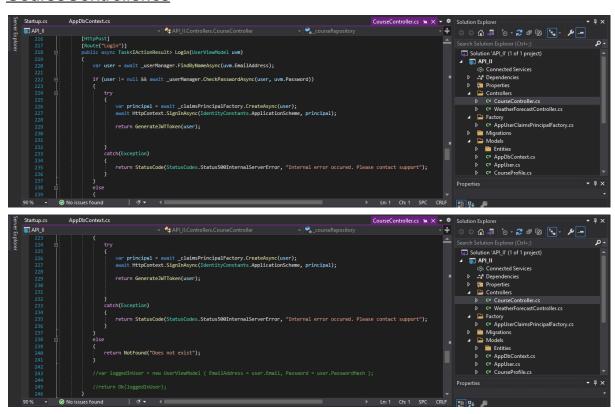
CourseController.cs





Login

CourseController.cs

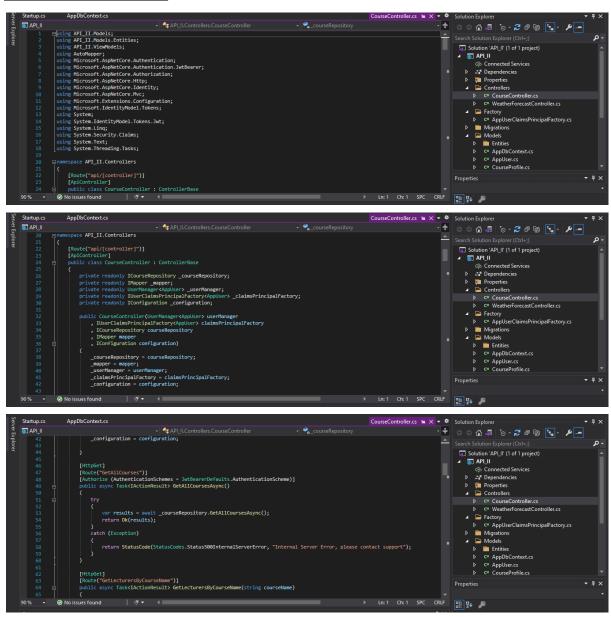


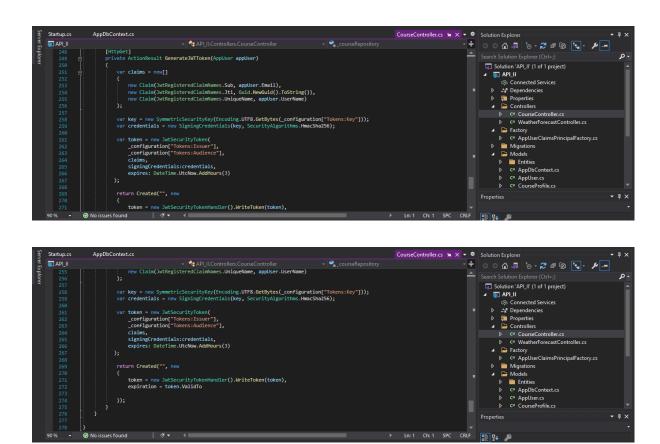
Create API Bearer JWT (To keep track of users)

Install:

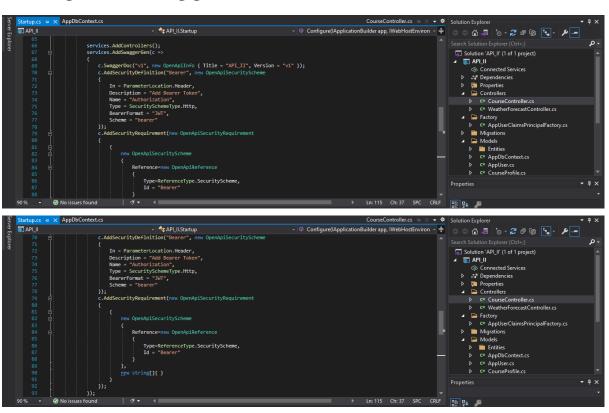
Microsoft.AspNetCore.Authentication.JwtBearer

CourseController.cs





Configure Swagger & Enable Headers



Endpoint to Accept Jwt Token

[Authorize (AuthenticationSchemes = JwtBearerDefaults.AuthenticationScheme)]