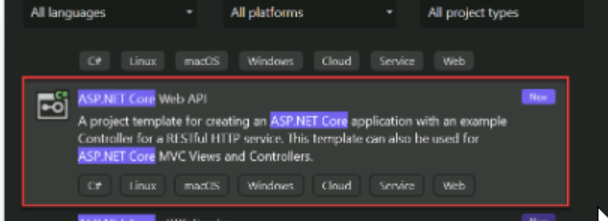
**JWT AUTHENTICATION AND JWT AUTHORIZATION USING IDENTITY FRAMEWORK**

1.Create a simple WEB API project with controller.



2.Install the necessary dependencies like SQLServer,JWTBearer,Tools,Identity framework.

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Description automatically generated

3.Configure the appsettings by adding the connection string for SQLServer and JWTAuth with Secret key.



4.Create a folder named DatabaseContext and Create a AppDbContext for the database and implement IdentityDbContext which is from the Identity package.

A screen shot of a computer program

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5.In Program.cs add the DbContext service and do the migration and updating of the database and proceed only if the build is successful and all the tables are created.



6.Create a Models folder and add the necessary models like:

* Login - Username, Password
* Register - Username, Password, Email
* UserRoles - Fields like User, Admin etc.
* Response - Status, Message

A screen shot of a computer

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7.Create a Controller folder and add AuthController and add endpoints like Login for user and admin, registering for user, Registering for admin and write JWT token creation method.

Login:

A computer screen shot of a program

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Register:

A screen shot of a computer program

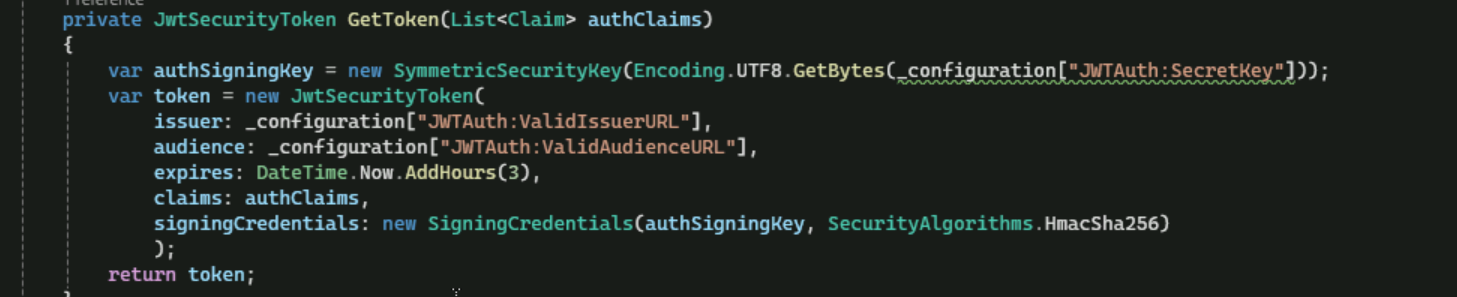
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Register for admin:

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Creating token:



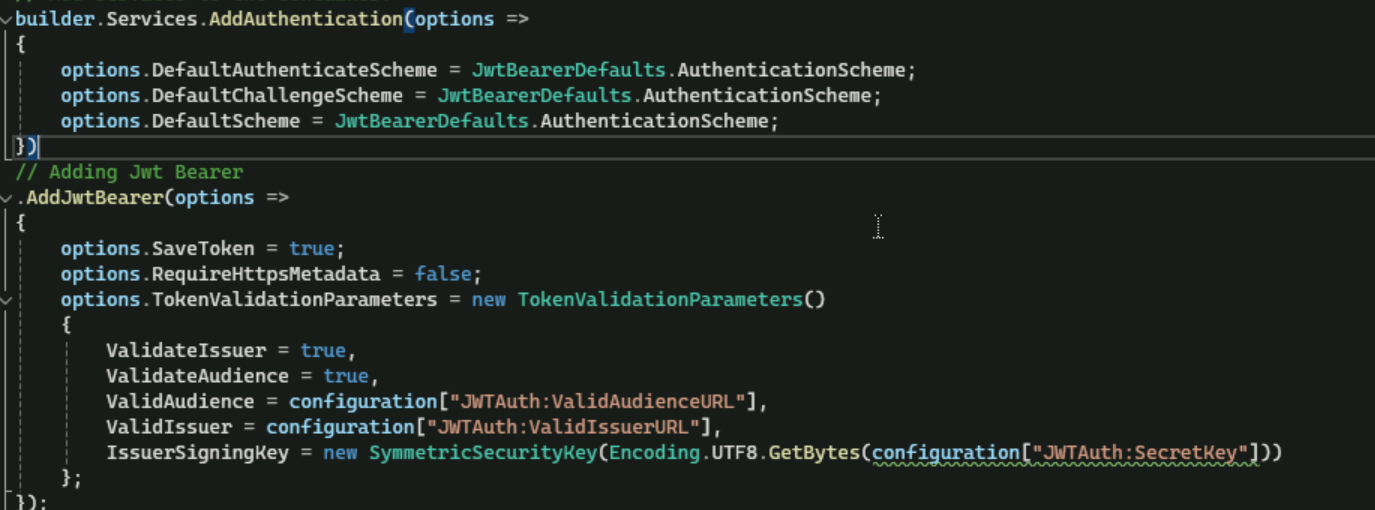
8. In program.cs do the following services:

* AddIdentity

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* AddAuthentication



And add app.UseAuthentication() in the pipeline.

