# Technologies used

1. Dapper
2. Microsoft dotnet core 3.1.3
3. Microsoft.Extensions.DependencyInjection for dependency injection
4. MSTest for the test projects
5. Moq for mocking in tests
6. Microsoft.Extensions.Options for splitting the configuration in convenient settings classes. Works nicely with the DI
7. Microsoft.AspNetCore.Cryptography for handling password hashing
8. System.Security.Cryptography.Algorithms for password encryption
9. Microsoft.AspNetCore.Authentication.JwtBearer for handling tokens

# Design patterns used

1. Unit of work + Repository. The actual repository implementation is injected in the entry point, so the project is minimally dependent on it. There is not references to it from the Services project.
2. I have tried to avoid class inheritance, so technically this is a pattern I have not used, but since it is deliberate I am mentioning it