How I did the tech challenge?

First at all I read all the document and created the user story,

I started with the use case that want to achieve, Read, Save, Update and Delete students, next I started with the “Service” interfaces that I was going to test/need, later I build firsts unit tests, and later I build repository interfaces, then Data access code and finally controllers

I used two ConnectionStrings one for ReadOnly used for Selects, and another one for RW, used for inserts, updates and deletes.

It was fun to go back with ADO.Net instead of EF, and OWASP says that you should not develop your own credential management system and it was challenging to define, so I stopped on patch (change password)

I would like to do more but I have a lot of work to do on my current job

I do not own a Resharper dotCover license for personal purposes, but I strongly encourage you to use “Fine Code Coverage” to check code coverage on the solution, I focused on main code to be covered by unit tests (100%)

A screenshot of a computer

Description automatically generated

Luis.