

Technical Interview

Welcome to the technical interview part. This document will provide you all the information required to get started with the process.

The interview package you received contains a Web API project in .NET 7. It's a basic invoice application that retrieves invoices from a SQL database.

The application is badly written with a lot obvious and not-so-obvious flaws in it. Your goal is to get the solution to build and run. Beyond making it run and build, you will probably want to enhance it.

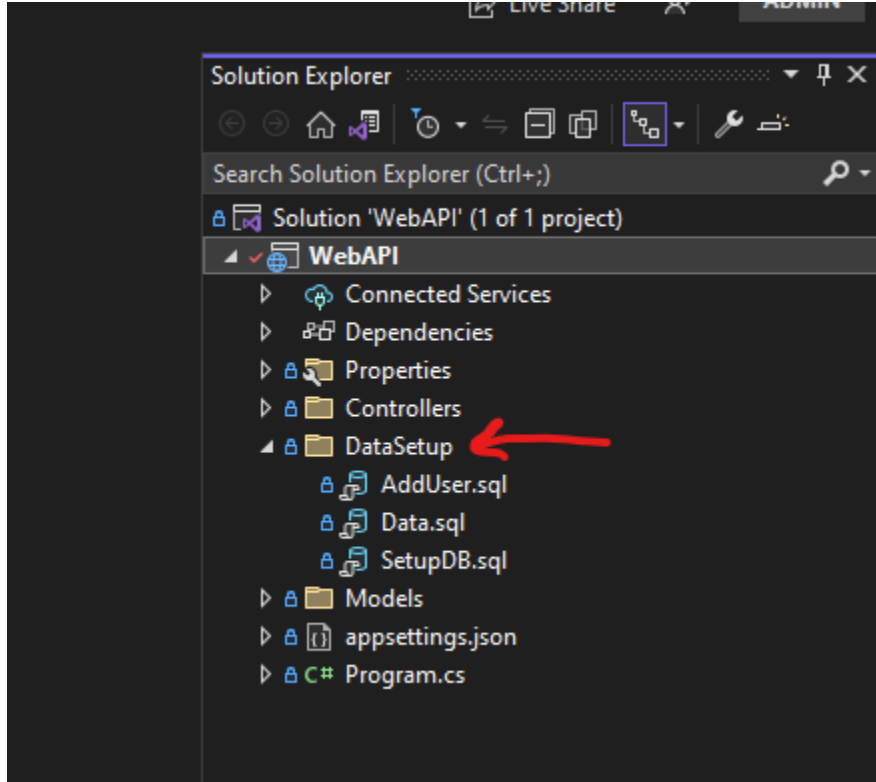
At the interview you will take me through what you have done, and we will have a technical discussion around topics that was used and methodologies you have followed.

How to set it up

The main part to get everything to run is to ensure that you have database up and running.

You must ensure that you have a SQL Server Instance running locally. You can install a SQL Server Community edition for free. You might also want to install SQL Server Management Studio to run the scripts.

In the solution you will find a DataSetup folder:



In there you have 3 files:

1. AddUser: This script will add the correct SQL user to your SQL Server instance and assign it the proper role.
2. Data: This will populate the data in the tables as seeding data.
3. SetupDB: This script will create the database and the related schema files.

The order to run these files:

1. SetupDB
2. Data
3. AddUser

Once you have executed the scripts above, you should be able to continue with the application.

You don't need to do anything special for the application to function.