Interview DevChallenge

Build a simple contact list manager.

Getting Started

TODO: This is just a guide to help you get a better understanding of what's needed to build a contact list manager. It's up to you if you would like to go further or make something cooler within the time frame.

1. Create a .NET Core (3.1) Web application.
2. Create a .NET Core (3.1) Web API application.
3. Connect web app with API server to server to handle CRUD operations
4. Store the contact list in a local DB using EF Core Code First.
5. On index page load make AJAX call that will display contacts that have been added into a table using DataTables plugin (https://datatables.net/). The plugin should allow you to search and sort contacts.
6. Add a button to page that allows you to add new Contact.
7. On create of Contact use AJAX to make a call to controller that will store the contact information.
8. Return updated Contact list.
9. Display the returned Updated Contact list on the same page as the form without reloading page.
10. On page refresh show all added contacts (same as step 5).

Extra Credit.

- Add a relation one to many to Contacts table (ToDo table) and add a migration that shows this change.

Rules

** Please do not use scaffolding to build the application. Ex. Don't create controllers with actions already defined for you. Create empty controllers and Views.