.NET Engineer

Assignment

Create an application which provides public address book (contacts) functionality.

Technologies:

The app should be implemented using .NET Core (or .NET 5) Web API and PostgreSQL database.
The rest of the technologies required to implement a solution are your choice.

Features:

- contacts need to contain name, date of birth, address and multiple telephone numbers
- contacts need to be unique by name and address
- creating, updating and deleting contacts
- providing access to single and multiple contacts (with pagination)
- providing a way of sending live updates to connected clients (signalR, websockets)

Keep in mind that the focus is on the backend and the client app is not a requirement. But any additional feature can be added as long as the requested features from above are implemented.

You can provide the solution as a zipped file or as a git link.