**1. How long have you spent working on this exercise?**

Around 2 hours total - built the basic list and form first, then added validation, and finally fixed small issues.

**2. Choice of frontend technology**

Frontend: Simple Razor Pages with Bootstrap (clean and responsive)

Backend: ASP.NET Core

Validation: Built-in .NET validation + jQuery for instant feedback

**3. Design decisions taken**

**Add/Edit Customers:** Single popup form for both (reusability)

**Live Checks:** Form won't submit if data is invalid (shows errors)

**No Database:** Stores data temporarily in memory (as mentioned)

**interface** : ICustomerService interface for clean separation.

**DTO Pattern**: CustomerDto to prevent over-posting and enable flexible validation.

**AutoMapper**: Simplifies model-DTO conversions with a MappingProfile.

**4. Any issues found**

Modal form needed validation, refresh each time

Edit mode needed proper customer ID handling

**5. What would be your next steps to further improve your work?**

Could add delete if needed, so it completes as CRUD operation(not required now)

Could add unit tests

Could add user login with proper authentication

Could add some hierarchy who can and delete and edit the existing one

Add search/sort to customer table

Show success message after save

Input formatting (e.g., auto-space in postcodes)