**Project Management:**

Our team used Agile methodologies wıth daily meetings and planning.

**Challenges and Difficulties:**

Learning Problems:

At first we had difficulties getting used to sqlite as we had never used that before and learning from zero was quite hard to begin with.

Integration Issues:

We had difficulty in combining front-end and back-end components.

Managing Dependencies:

Ensuring compatibility between various libraries we used.

**Learned Lessons:**

Detailed documentation helped team members understand the concept clearly.

Test-Driven Development practices helped identify the issues we had and fix them early before it got too big of an issue.

**Good Practices and Solutions:**

Code Reviews:

We regularly reviewed each other's code to maintain quality and detect issues.

**Libraries and Web Based Architecture:**

Architecture:

ASP.NET Core MVC

Libraries We Benefit From:

Microsoft.AspNetCore.Identity

Microsoft.AspNetCore.Identity.EntityFrameworkCore

Microsoft.EntityFrameworkCore

Microsoft.EntityFrameworkCore.Metadata

Microsoft.AspNetCore.Mvc.TagHelpers:

JQuery Validation

Bootstrap

AdminLTE

Microsoft.AspNetCore.Mvc.Rendering

NGOAppMVC.DBModels

System.ComponentModel.DataAnnotations

System

System.Collections.Generic

**Sources:**

* [EF Core Power Tools - Visual Studio Marketplace](https://marketplace.visualstudio.com/items?itemName=ErikEJ.EFCorePowerTools)
* [https://www.udemy.com/share/101uZQ3@3xNd34uY9d3YtcQrZqu8CXBrXm0x\_GN](https://www.udemy.com/share/101uZQ3@3xNd34uY9d3YtcQrZqu8CXBrXm0x_GNOLvqkq6o1kdo6N59Tw9Qz8RIKxOuIJ1hvkQ==/)
* [Lvqkq6o1kdo6N59Tw9Qz8RIKxOuIJ1hvkQ==/](https://www.udemy.com/share/101uZQ3@3xNd34uY9d3YtcQrZqu8CXBrXm0x_GNOLvqkq6o1kdo6N59Tw9Qz8RIKxOuIJ1hvkQ==/)

<https://youtube.com/playlist?list=PLDSXZnDE8NYWFIZWIZ1H_qZLoSfDiNRxE&si=tfVbJrOciGGRTE9G>