Requirements for the homework project

Everyone has to create a custom ASP.NET Core Razor pages web application. The are some required and some optional features that one can apply in the application.

Mandatory

* The application must have a database using EF Core with at least two entities + user handling related entities
* The application must handle users. They can login to the application.
* The application must contain at least a list page with the CRUD operations and the required pages for basic user handling

Optional

* Data validation when adding and editing entities
* Search in a list
* Page lists
* DB seeding
* Profile page
* Customizing logging (e.g. using Serilog)
* Using view models
* Using application services
* More pages than what is mandatory
* More than two entities
* Using roles and role-based authorization
* File handling
* Image upload and display
* Rest API, swagger
* Calling an external service
* Using Docker containers
* Azure deploy
* Writing unit tests