

# Introduction in .Net Core -> Lab 7 (Florin Olariu)

## Prerequisites:

- a) Basic knowledge Entity Framework Core
- b) Awareness Web MVC
- c) Awareness 3 tiers application design

## Note: The exercise can be used to learn:

- Entity Framework Core
- How Repository Pattern works
- Basic DI/IoC
- How the layers/tiers are interaction each other(a discussion should take place in regards with tiers/layers)
- How to build interfaces using MVC
- What decoupling means
- HTML/CSS
- Refactoring techniques

## Exercise:

1. Using the knowledge accumulated during the course you have to create Point of Interests Management UI.
2. Note:
  1. Use the basic DDD when designing classes.
  2. Make use of correct encapsulation
  3. Use 3 tiers architecture (studied previously)
  4. Introduce field validation(using data annotations)n and ViewModels to communicate between presentation layer and domain entities