



# C# - New MVC Project with DI Lab

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# Agenda

- We have created a **DI.Tutorial** project with some functionality, that simulates an order processing flow
  - The code for the lab is inside **Day 1 -> DI.NetCoreLab** folder of **Microsoft.CSharp.Advanced** solution

## ASK:

- We need to refactor the **DI.Tutorial** code to achieve
  - Move all interfaces inside a new net standard library called **DI.Lab.Interfaces.Starter**
  - Move all models inside a new net standard library called **DI.Lab.Shared.Starter**
  - Move all interface implementations (Repositories, Services) inside a new net standard library called **DI.Lab.Services.Starter**
  - Use existing **DI.Lab.Starter** project of solution and properly use DI in order to consume the order processing library

# How it Works

- For every action item, you will be given the allotted time to complete the request
- Once you are done you need to create a new branch, push the branch to the repository and create a pull request
- At the end of the allotted time, one of you is going to be picked to walk us through the changes

# Git – How to submit your work

## 1. Create the branch

```
git checkout -b new-mvc-with-di-lab/{surname}-{name}
```

## 2. Stage your changes

```
git add .
```

## 3. Commit your changes

```
git commit -m "Exercise {number} – {task description}"
```

## 4. Push to the remote repository

```
git push --set-upstream origin new-mvc-with-di-lab/{surname}-{name}
```

# Exercise 1

**New MVC Project with DI** -> Move all interfaces inside a new net standard library called **DI.Lab.Interfaces.Starter (5 mins)**

## Exercise 2

**New MVC Project with DI** -> Move all models inside a new net standard library called **DI.Lab.Shared.Starter (5 mins)**

## Exercise 3

**New MVC Project with DI** -> Move all interface implementations (Repositories, Services) inside a new net standard library called **DI.Lab.Services.Starter (5 mins)**

## Exercise 4

**New MVC Project with DI** -> Use existing **DI.Lab.Starter** project of solution and properly use DI in order to consume the order processing library **(10 mins)**



Wheel of fortune

# Thank You

- For the opportunity
- For participating
- For listening