

# ASP.NET Core 6 MVC, Part 4 of 9

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**Meet the expert:** I have a master's of science degree in computer science, and a bachelor of Computer Engineering. I also have many years of experience with .NET, C#, and .NET MVC. I enjoy teaching along with my full-time job.

**Prerequisites:** • 3-6 months of C# experience  
• Basic SQL knowledge  
• Basic HTML and JavaScript knowledge.

previous parts of this course.

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**Course description:** Microsoft's ASP.NET Core 6 platform is everything you need to build rich, interactive front end web UI and powerful back-end services. This course will get you proficient with MVC through building a project. Topics covered in this part of the series include: N-Tier Architecture, Repositories, and Repository Architecture, as well of units of work in action.

## Course outline:

### Creating more Projects

- Introduction
- Creating More Projects
- N-Tier Architecture
- Details Action Method
- Helptip 1 - How To Handle Corrupted Migrations
- Bootswatch Theme
- Summary
- Challenge: Cover Type Controller And Views
- Solution: Cover Type Controller And Views
- Dropdown In Navigation
- Summary

### Intro to Repository

- Introduction
- Intro To Repository
- Repo Overview
- Repository Pattern Detailed Flow
- Repository Detailed Architecture
- IRepository Interface
- Summary

### Implement IRepository

- Introduction
- Implement IRepository
- Category Repository Interface
- Implement Category Repository
- Replace DbContext With Category Repository
- Implementing Unit Of Work
- Summary

### Unit Of Work in Action

- Introduction
- Unit of work In Action
- Challenge: Cover Type Repository
- Solution: Cover Type Repository
- Areas In .Net Core
- Areas In Action