

ASP.NET CORE 6 Microservices, Part 4 of 9: Details and Shopping Cart

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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: Basic understanding of .NET Core CRUD Operations
Entity Framework Core
Basic API Creation and Consumption

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Course description: Microservices make it easier to develop, test, and deploy isolated parts of your application. Once deployed, each microservice can be independently scaled as needed. In this course Microservices will be used to build a real world application with a focus on creating Models and Shopping carts.

Course outline:

Home and Details

- Introduction
- Home and Details
- Create Index Action Method
- Index View Home Controller
- Details Get Action Method
- Details View
- Summary
- Define Cart Service Interface
- Configure Cart Service
- Details Post Action Method
- Demo: Add Items to Cart
- Summary

Create Shopping Cart API

- Introduction
- Shopping Cart
- Create Shopping Cart API
- Nuget Packages for Shopping Cart API
- Setup Startup Class file for Shopping Cart
- Entity Models for Shopping Cart API
- DTO's and push Models to Shopping Cart Database
- Mapping Configuration for Shopping Cart
- Summary

Cart Repository Interface for Shopping Cart API

- Introduction
- Cart Repository Interface for Shopping Cart API
- Add to Shopping Cart Repository Method
- Update Shopping Cart Repository Method
- Implement Cart Repository Get and Remove
- Cart Controller for API Endpoints
- Summary

Create Models for Shopping Cart API

- Introduction
- Consumer Shopping
- Create Models for Shopping Cart API