

AZ-2002: Develop an ASP.NET Core web app that consumes an API

Course Details

Course Code: AZ-2002

Duration: 1 day

Notes:

- This course syllabus should be used to determine whether the course is appropriate for the students, based on their current skills and technical training needs.
- Course content, prices, and availability are subject to change without notice.
- Terms and Conditions apply

Elements of this syllabus are subject to change.

About this course

Learn how to gather information from API documentation and perform HTTP operations in an ASP.NET Core Razor Pages web app.

Prerequisites

- Experience writing C# at an intermediate level
- Ability to write HTML at an intermediate level
- Knowledge of RESTful services and HTTP action verbs

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Interact with an ASP.NET Core minimal API

AI assisted content. This module was partially created with the help of artificial intelligence.

Learn how APIs are implemented in ASP.NET Core, and how to use API documentation to learn the APIs requirements.

Learning objectives

After completing this module, you'll be able to:

- Describe the two model types of APIs in ASP.NET Core
- Create Swagger documentation for an API by using Swashbuckle
- Interact with an API by using the Swagger interface

Implement HTTP operations in ASP.NET Razor Pages

AI assisted content. This module was partially created with the help of artificial intelligence.

Learn more

Learn how to implement HTTP clients based on HttpClient and IHttpClientFactory. And how to implement code to perform HTTP operations in ASP.NET Core Razor Pages.

Learning objectives

After completing this module, you'll be able to:

- Implement HTTP clients in .NET Core
- Use HTTP clients to perform safe and unsafe operations
- Add code to support HTTP operations in an ASP.NET Core Razor Pages app

Render API responses in ASP.NET Core Razor Pages

AI assisted content. This module was partially created with the help of artificial intelligence.

Learn how to render API responses in ASP.NET Core Razor Pages and perform HTTP operations by using page handlers.

Learning objectives

After completing this module, you'll be able to:

- Combine HTML and C# to define dynamic page rendering logic
- Render API responses in Razor Pages
- Create pages that perform HTTP operations