



✓ 1100 XP

Create a web UI with ASP.NET Core

59 min • Module • 10 Units

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Beginner Developer .NET ASP.NET Core

ASP.NET Core supports creating webpages using a native templating engine called Razor. In this module, you'll learn how to create web pages using Razor with ASP.NET Core.

Learning objectives

In this module, you will:

- Understand when and why to use Razor Pages for your ASP.NET Core app.
- Use the .NET Core CLI to create a new page in the app.
- Create a form that supports the app's product data management requirements.
- Add client-side form input validation using Razor's Input Tag Helper.
- Add server-side model validation using data annotations.
- Consume a RESTful service in your app to manage product data.
- Examine the lifecycle of a sample HTTP request.
- Deploy and test the web app.

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Prerequisites

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

- [Introduction](#)
1 min



- [Understand when and why to use Razor Pages](#) 8 min ✓
- [Exercise - Set up the environment](#) 10 min ✓
- [Exercise - Compile and run the Razor Pages project](#) 10 min ✓
- [Exercise - Add a product creation page](#) 8 min ✓
- [Exercise - Handle the product creation form submission](#) 8 min ✓
- [Review the HTTP request logic lifecycle](#) 4 min ✓
- [Exercise - Deploy and test the Razor Pages project](#) 7 min ✓
- [Knowledge check](#) 2 min ✓
- [Summary](#) 1 min ✓