

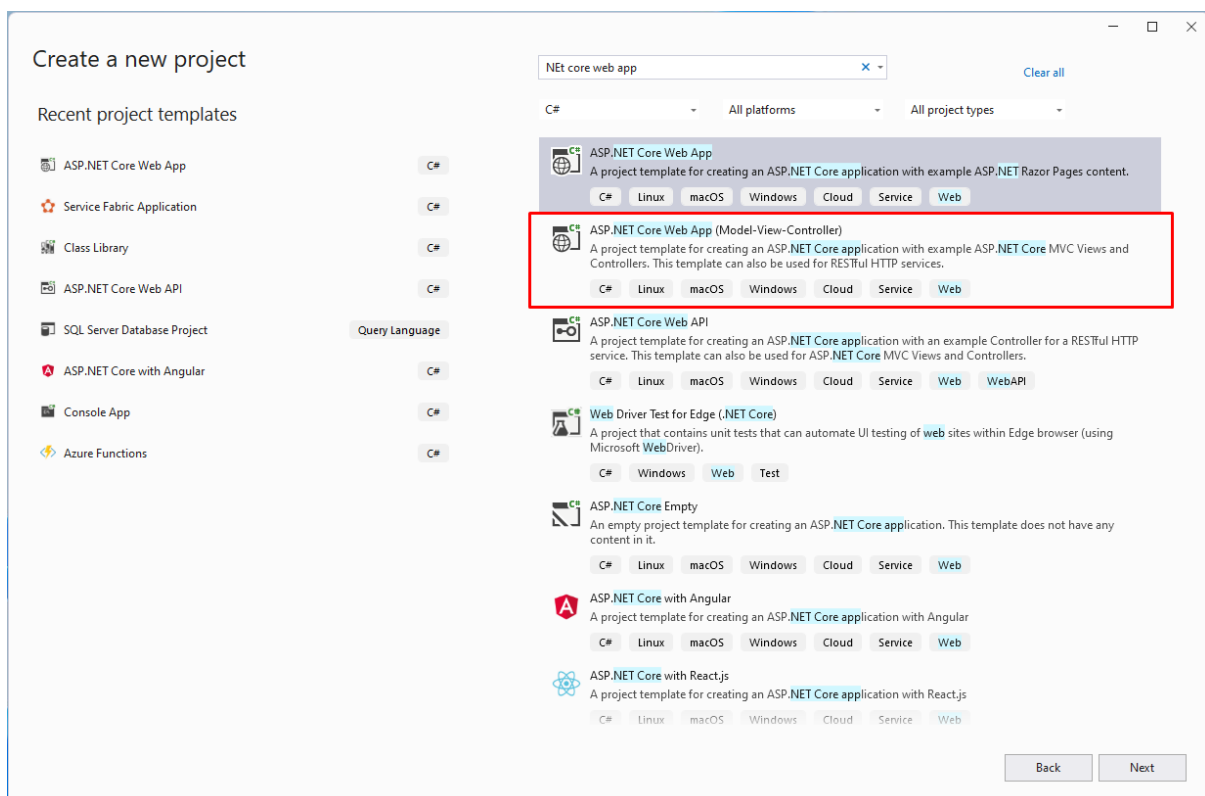
What is stateless app?

A protocol is **stateless** if there is no relation between subsequent request-response pairs. The server can handle each request uniquely and does not have to keep a session state for the client. It does not keep track of configuration settings, transaction information or any other data for the next session. HTTP is a **stateless protocol**. This means that a Web server treats each HTTP request for a page as an independent request. The server retains no knowledge of variable values that were used during **previous requests**.

In a purely stateless environment, you wouldn't need session id. Each request would contain all the information the server would need to process. But many applications need to **maintain state** to keep track of whether or not a session is authenticated to view certain content or to keep track of what a user is doing. ASP.NET session state identifies requests from the same browser during a limited time window as a session, and provides a way to persist variable values for the duration of that session. **ASP.NET-MVC**, however, does not use server-side controls so it doesn't have to maintain state. The MVC model separates the problem domain into the three partitions so that data is delivered to the client in a **streamlined** manner.

Stateful means that there is memory of the past. **Previous transactions** are remembered and may affect the current transaction.

1. Select ASP.NET Core Web APP



2. Give name to the project

Configure your new project

ASP.NET Core Web App (Model-View-Controller) C# Linux macOS Windows Cloud Service Web

Project name
StateleeWebAppDemo

Location
C:\MyProject File\ ...

Solution name ⓘ
StateleeWebAppDemo

☐ Place solution and project in the same directory

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3. Select .net 6.0 framework

Additional information

ASP.NET Core Web App (Model-View-Controller) C# Linux macOS Windows Cloud Service Web

Framework ⓘ
.NET 6.0 (Long-term support)

Authentication type ⓘ
None

☒ Configure for HTTPS ⓘ

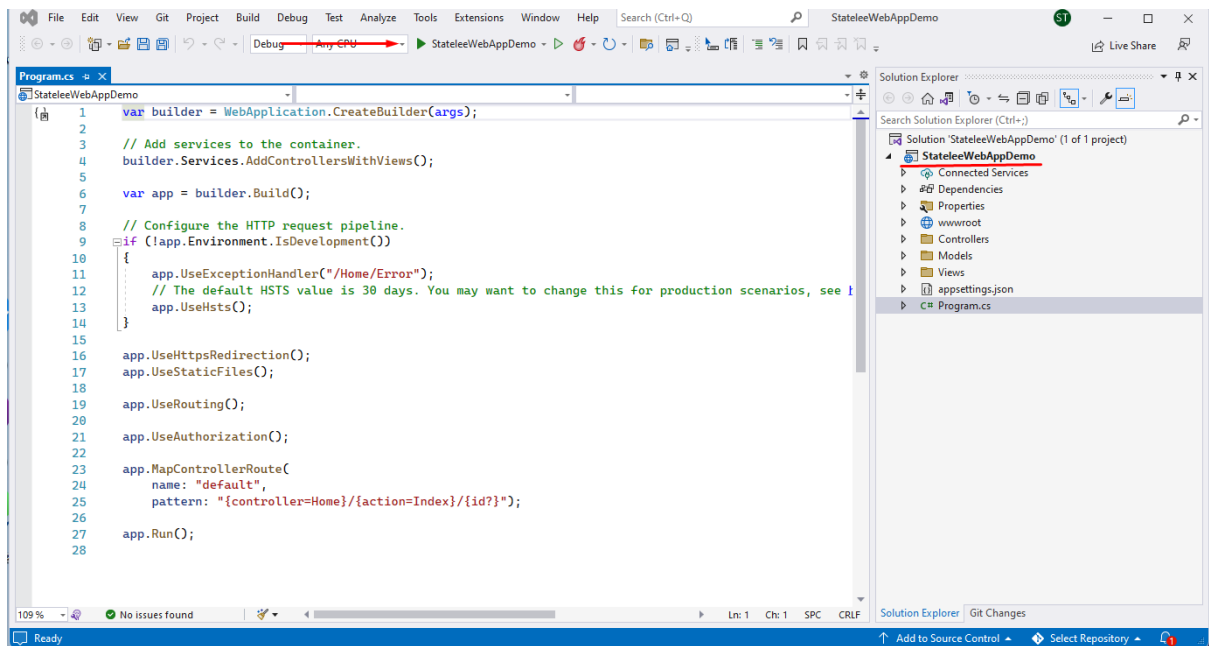
☐ Enable Docker ⓘ

Docker OS ⓘ
Linux

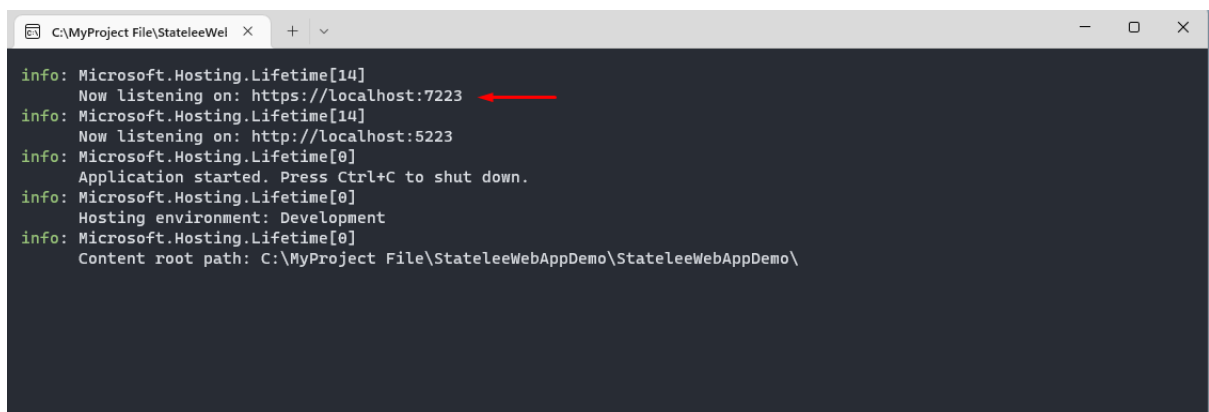
☐ Do not use top-level statements ⓘ

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4. Click on run



5. you will see cmd prompt with web app address



6. you will see output in browser

