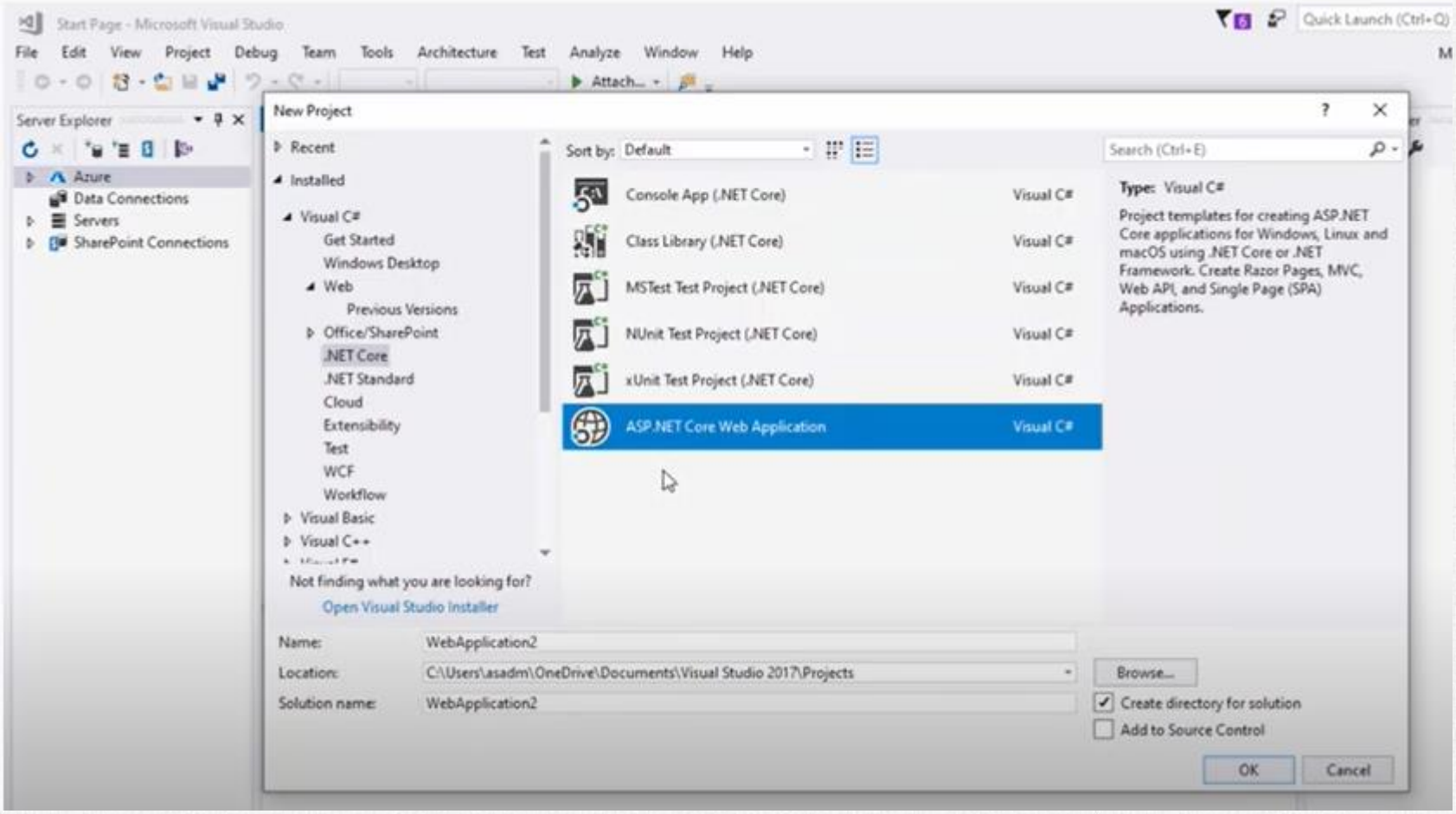
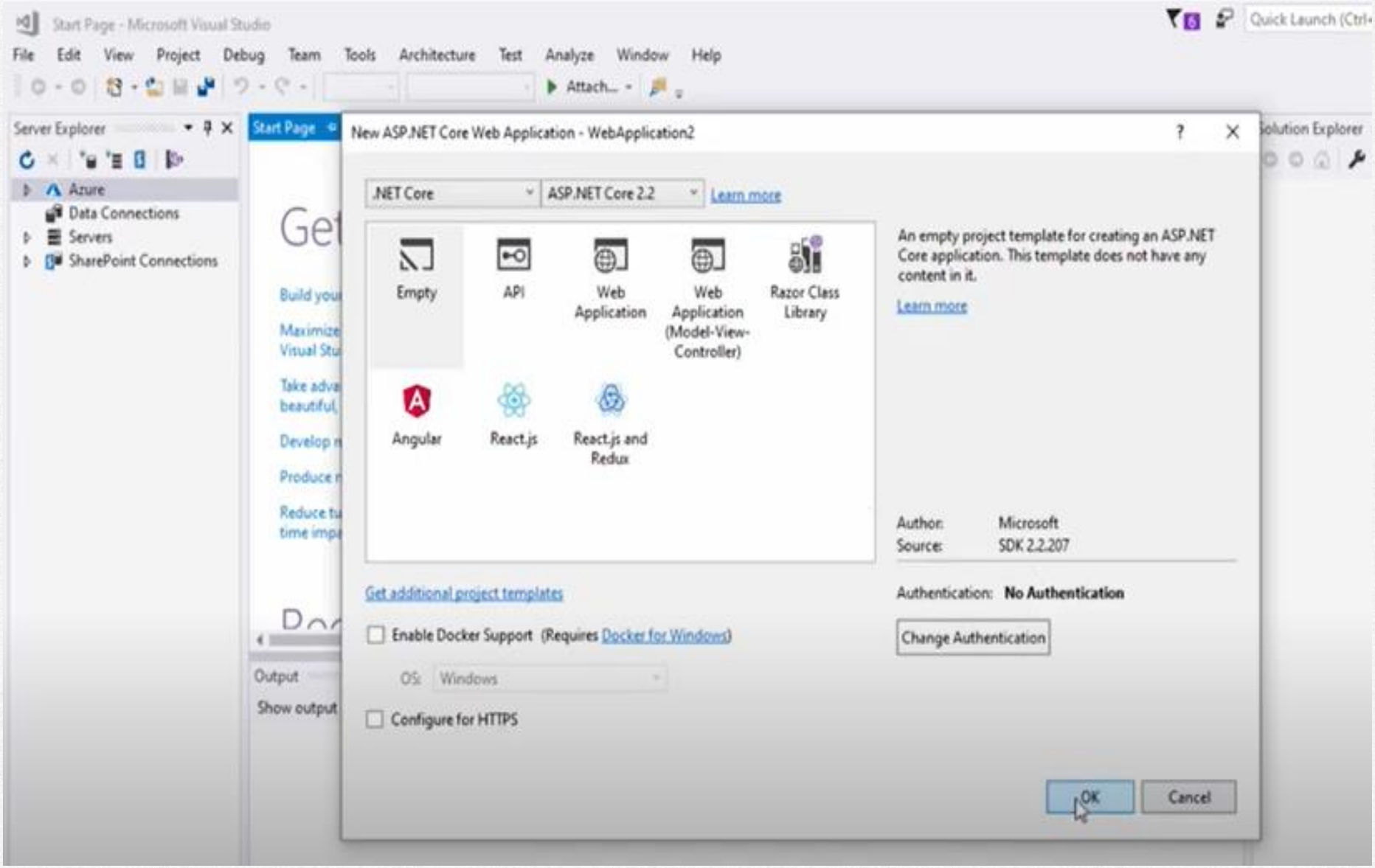
Creating ASP.NET Core Web Application

- We are going to discuss the following two things.
  - **Creating a new ASP.NET Core Web Application step by step using Visual Studio 2017.**
  - **Different project templates that are available as part of .NET Core and what they are going to do.**

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New ASP.NET Core Web Application - WebApplication2
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ASP.NET Core 2.2
Learn more
Empty
API
Web Application
Web Application (Model-View-Controller)
Razor Class Library
Angular
React.js
React.js and Redux
An empty project template for creating an ASP.NET Core application. This template does not have any content in it.
Learn more
Author: Microsoft
Source: SDK 2.2.207
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Enable Docker Support (Requires Docker for Windows)
OS: Windows
Configure for HTTPS
Authentication: No Authentication
Change Authentication
OK
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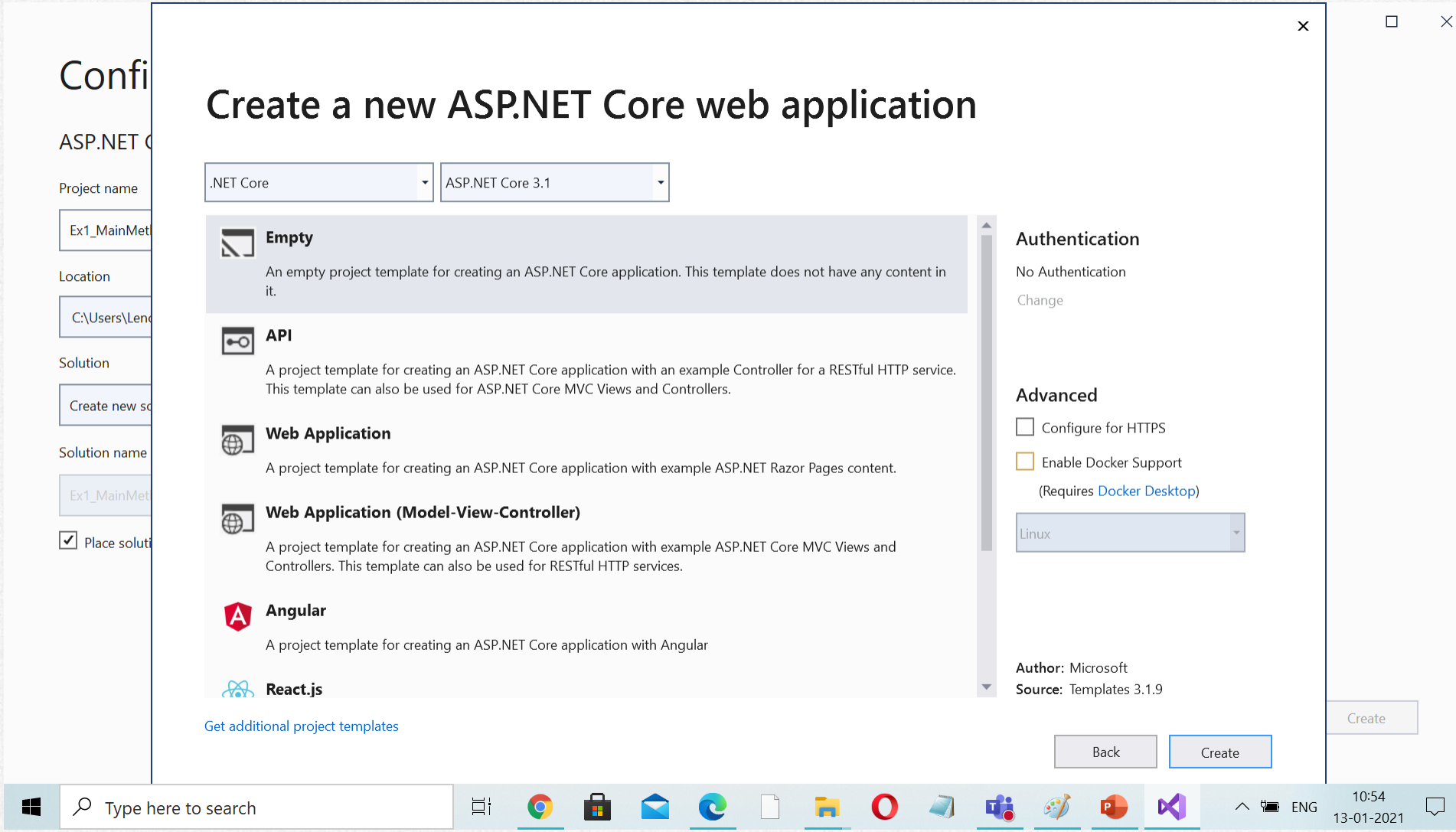
VS 2019:-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Solution
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Solution name
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Create new ASP.NET Core web application
.NET Core
ASP.NET Core 3.1
Empty
An empty project template for creating an ASP.NET Core application. This template does not have any content in it.
API
A project template for creating an ASP.NET Core application with an example Controller for a RESTful HTTP service. This template can also be used for ASP.NET Core MVC Views and Controllers.
Web Application
A project template for creating an ASP.NET Core application with example ASP.NET Razor Pages content.
Web Application (Model-View-Controller)
A project template for creating an ASP.NET Core application with example ASP.NET Core MVC Views and Controllers. This template can also be used for RESTful HTTP services.
Angular
A project template for creating an ASP.NET Core application with Angular
React.js
Authentication
No Authentication
Change
Advanced
Configure for HTTPS
Enable Docker Support
(Requires Docker Desktop)
Linux
Author: Microsoft
Source: Templates 3.1.9
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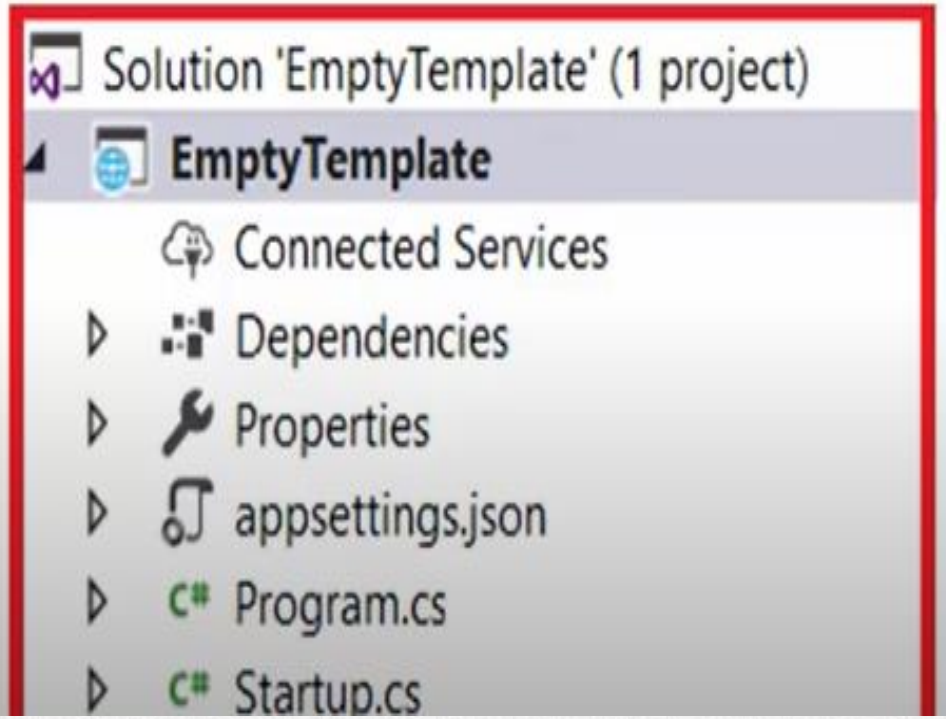
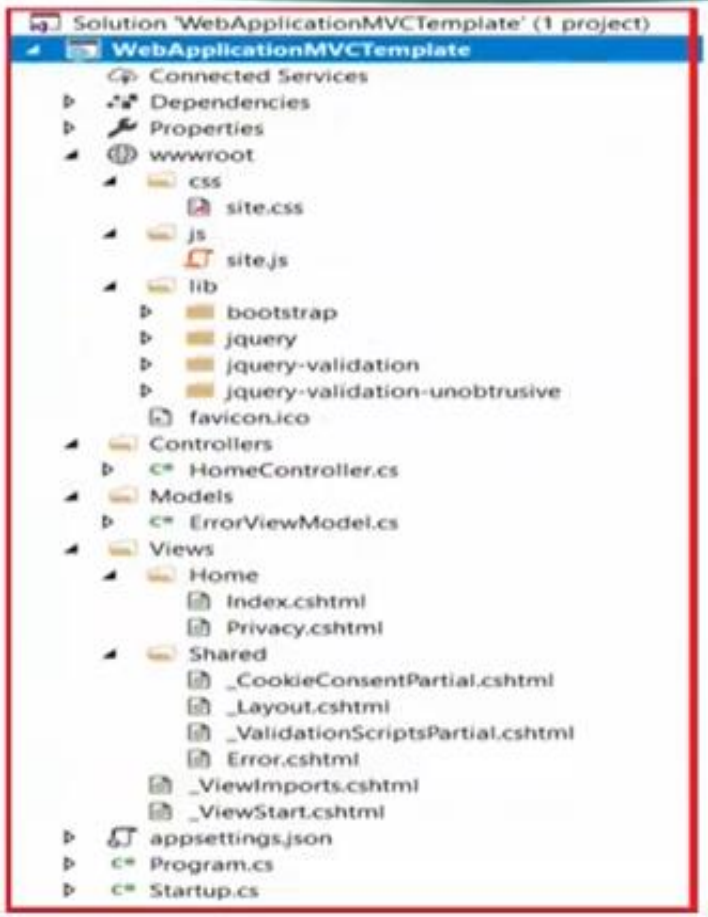
Different Templates

- Empty Project
- Web Application (Model-View-Controller)
- API Template
- Web Application Template
- Razor Class Library (RCL)
- Angular, React.js and Redux

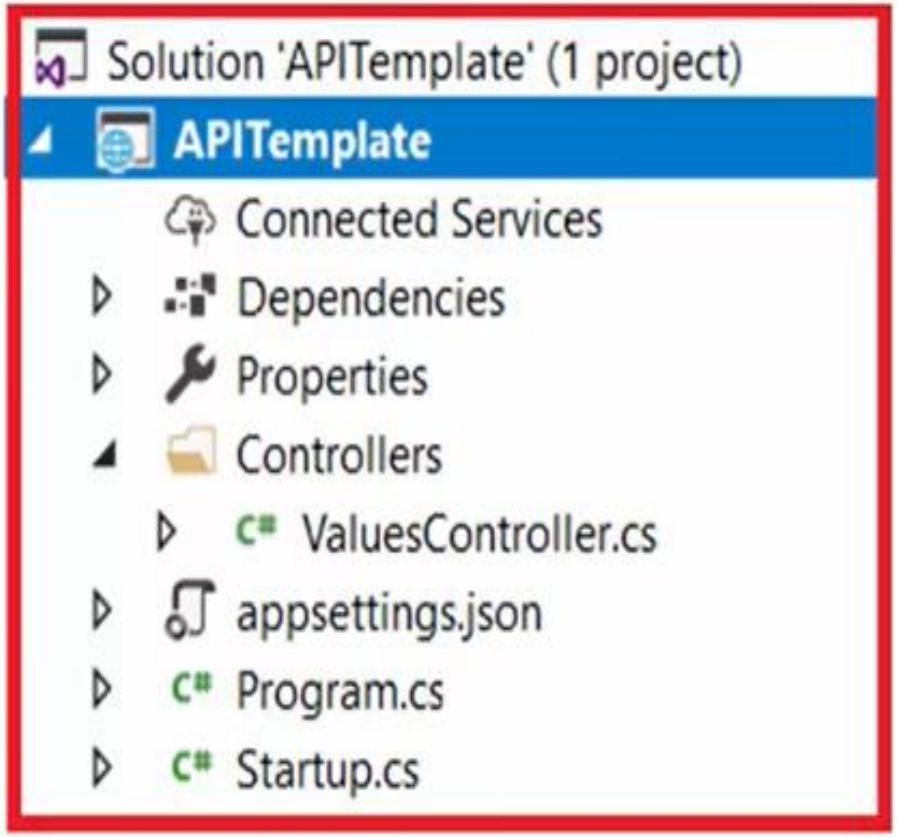
Empty Template



Web Application (MVC)

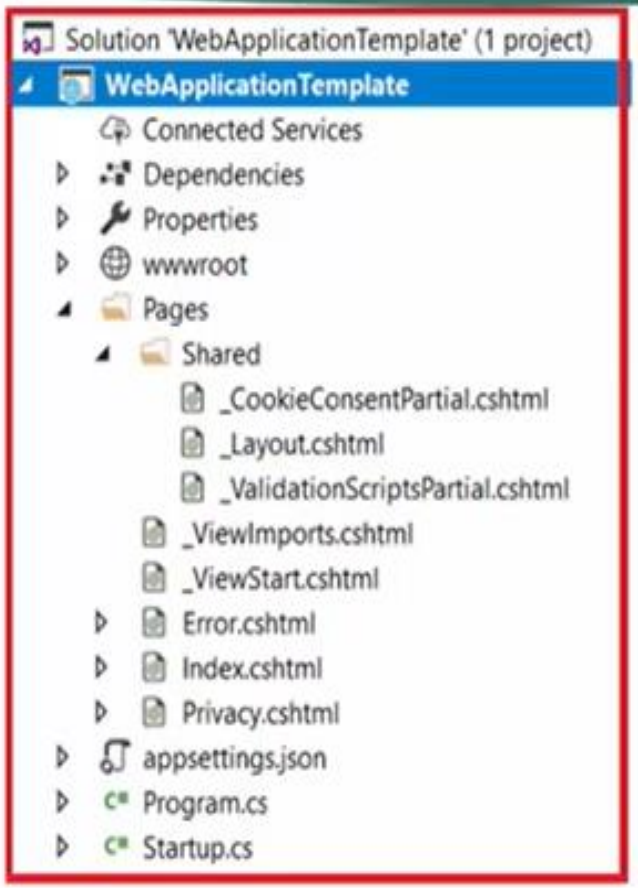


API


Solution 'APITemplate' (1 project)
APITemplate
Connected Services
Dependencies
Properties
Controllers
ValuesController.cs
appsettings.json
Program.cs
Startup.cs

WebApplication Template:-if we do not want follow complete MVC application approach we select WebApplication Template.

Web Application



- Razor class Library:-If you want create a library and use in multiple project use this.

Thanks