Blazor

Module 2: Overview

Student Lab Manual

Instructor Edition (Book Title Hidden Style)

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# Lab 2: Implementing Blazor

#### Introduction

The aim of this exercise is to explore implementing an application using the new application model introduced under ASP.Net Core 3 called Blazor.

Important

**Blazor WebAssembly in preview**

Blazor Server is supported in ASP.NET Core 3.0. Blazor WebAssembly is in preview for ASP.NET Core 3.1.

#### Objectives

After completing this lab, you will be able to:

* Create a new ASP.NET Core Blazor application in Visual Studio 2019.

#### Prerequisites

None

#### Scenario

In this scenario, we will explore implementing an online Pizza Delivery application.

#### System Requirements

* Follow the instructions found [on this page](https://docs.microsoft.com/en-us/aspnet/core/blazor/get-started?view=aspnetcore-3.1&tabs=visual-studio) to get started

#### Estimated Time to Complete This Lab

30 minutes

Exercise 1: Get started with ASP.NET Core Blazor

#### Objectives

In this exercise, you will:

* Create a new ASP.NET Core 3 Blazor
* Understand the structure of a Blazor project

#### Scenario

Create a new ASP.Net Core 3 Blazor application and run it.

Task 1: Create the New Project

1. Install the latest [Visual Studio](https://visualstudio.com/vs/) with the **ASP.NET and web development** workload.
2. Create a new project.

A screenshot of a cell phone

Description automatically generated

1. Select **Blazor App**. Select **Next**.

A screenshot of a cell phone

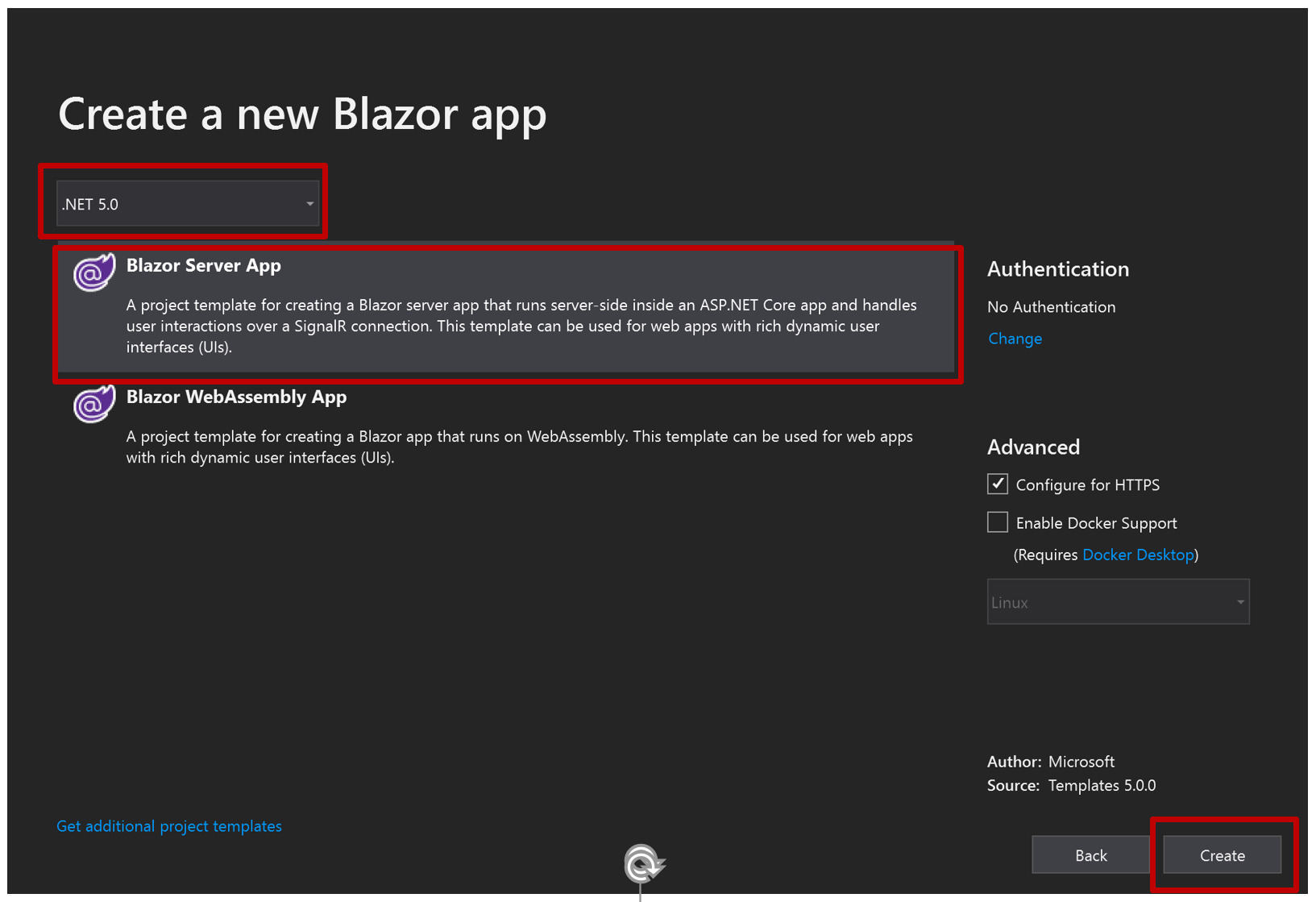
Description automatically generated

1. Provide a project name in the **Project name** field or accept the default project name. Confirm the **Location** entry is correct or provide a location for the project. Select **Create**. Call the Application “MyFirstBlazorApp”.

A screenshot of a cell phone

Description automatically generated

1. For a Blazor WebAssembly experience, choose the **Blazor WebAssembly App** template. For a Blazor Server experience, choose the **Blazor Server App** template. For this exercise we will go with the Blazor Server Option. Select **Create**. For information on the two Blazor hosting models, Blazor Server and Blazor WebAssembly, see [ASP.NET Core Blazor hosting models](https://docs.microsoft.com/en-us/aspnet/core/blazor/hosting-models?view=aspnetcore-3.0).



1. Press **F5** to run the app.

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