Deployment Document

Piggs Peak Project

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# Overview

The purpose of this document is to cover the installation process for all necessary software required for the server-side support of the Piggs Peak Project application. This document describes a step-by-step procedure as well as any system requirements.

# Requirements

* .NET Core SDK installed on the target machine.
* SQL Server installed and configured on the target machine

## Step 1

Run the SQL server script in SQL Server Management Studio.

## Step 2

Package the application by opening a command prompt or terminal window.

Navigate to your ASP.NET Core project folder.

cd path/to/your/project

Run the following command to publish the application.

dotnet publish -c Release

## Step 3

Ensure that SQL Server is running on the target machine. Update your appsettings.json or appsettings.Production.json file in your published output directory with the connection string for the SQL Server database.

## Step 4

Open a command prompt or terminal window. Navigate to the published output directory of your application.

cd path/to/your/project/bin/Release/PiggsPeakApp/publish

## Step 5

Run the following command to apply the database migrations and create the database schema.

dotnet ef database update

## Step 6

1. Choose a web server to host your ASP.NET Core application.
2. Install and configure the selected web server.
3. Set up a reverse proxy if necessary, directing traffic to your ASP.NET Core application.

## Step 7

Run the application.