**Assignment #1**

Use Razor Pages and ASP.NET Core 5.0 to create a simple blog website.

The application should have three data models Post, Author, and Tag. These data models are related as follows: A Post is a single article on the blog and will have one Author and one Tag. An Author can have zero to many Posts. A Tag can belong to zero to many Posts.

The Post model should have a Title, PostText, and DatePublished properties. The Author model should have AuthorName and DateOfBirth properties. The Tag model should have a TagName property. Any keys and navigation properties that are required should also be in the data models.

Use Entity Framework and Code First Migrations to setup the database schema, as we did in class.

The application should have Create, Details, Edit, Delete, and Index (List) pages for each of the data models. Use scaffolding to make this easier. The Create and Edit Post pages should allow the user to select the related Author and Tag properties by name. The Author Details page should list all of the Posts that the Author is associated with.

The Index page of the application should have links to all of the Razor Pages created for the data models. Use headings and anchor elements to organize the Index page.

Use Data Annotations on the data models to enforce validation rules. Make sure Date types are not displayed as DateTime types. Also be sure to make all properties required using data annotations/validation.

You will be graded on how well the application works, by meeting all of the requirements listed above, and by overall presentation of the application's UI and code.

Due Date: November 5th, 2021.

To submit: ZIP your entire project folder and upload the zipped file to Blackboard. If file is too large, you can delete the "bin" folder from inside the project folder.

Note: Late submissions will receive a 10% penalty for each week past the due date they are late.