IT2030 Assignment 5 Matt Brown

**Index.cshtml**

@model List<Movie>

@{

ViewBag.Title = "My Movies";

}

<h2>Movie List</h2>

<a asp-controller="Movie" asp-action="Add">Add New Movie</a>

<table class="table table-bordered table-striped">

<thead>

<tr><th>Name</th><th>Year</th><th>Genre</th><th>Rating</th><th></th></tr>

</thead>

<tbody>

@foreach (var movie in Model) {

<tr>

<td>@movie.Name</td>

<td>@movie.Year</td>

<td>@movie.Genre.Name</td>

<td>@movie.Rating</td>

<td>

<a asp-controller="Movie" asp-action="Edit"

asp-route-id="@movie.MovieId"

asp-route-slug="@movie.Slug">Edit</a>

<a asp-controller="Movie" asp-action="Delete"

asp-route-id="@movie.MovieId"

asp-route-slug="@movie.Slug">Delete</a>

</td>

</tr>

}

</tbody>

</table>

**Movie.cs**

using System;

using System.ComponentModel.DataAnnotations;

namespace MovieList.Models

{

public class Movie

{

// EF will instruct the database to automatically generate this value

public int MovieId { get; set; }

[Required(ErrorMessage = "Please enter a name.")]

public string Name { get; set; }

[Required(ErrorMessage = "Please enter a year.")]

[Range(1889, 2050, ErrorMessage = "Year must be between 1889 and now.")]

public int? Year { get; set; }

[Required(ErrorMessage = "Please enter a rating.")]

[Range(1, 5, ErrorMessage = "Rating must be between 1 and 5.")]

public int? Rating { get; set; }

[Required(ErrorMessage = "Please enter a genre.")]

public string GenreId { get; set; }

public Genre Genre { get; set; }

public string Slug =>

Name?.Replace(' ', '-').ToLower() + '-' + Year?.ToString();

}

}