PHP MVC Frameworks - Lab/Quiz

This lab/quiz is worth 10 marks.

This lab must be completed and submitted through the Lab #2 Link at
edu.pagerange.com before 9:00 PM tonight or you will receive zero marks.

In this lab you are going to create the start of a movie web app that shows a list of
movies, and the detail for specific movies.

Follow these steps

1. Create a new Laravel Project in your PHP MVC repository named quiz2

```
composer create-project laravel/laravel lab2 ^7
```

2. Use artisan to generate a migration for a table named `movies`. In addition to the id
   and timestamp fields, a it will require the following fields:

- title (a string)
- director (a string)
- running_time (an integer)
- image (a string)
- studio (a string)

3. Run your migrations to create the table

4. Use artisan to generate a model for the `movies` table

5. Use artisan to generate a controller for the movies table (not a resource controller!)

6. Create and use a seeder to populate your database table. The image field should
   contain the filename of an image. You will need to source a handful of images from
   the web to use in this quiz. They should be stored in the `public/images` folder.
   Create a total of 5 movies with your seeder.

7. Create three routes. Each route should accept at a minimum, a `$title` variable. The
   list and detail views will also need to accept the data they require for output.

- A home page route
- A movies route. This will show the list of movies in an unordered list. (title only)
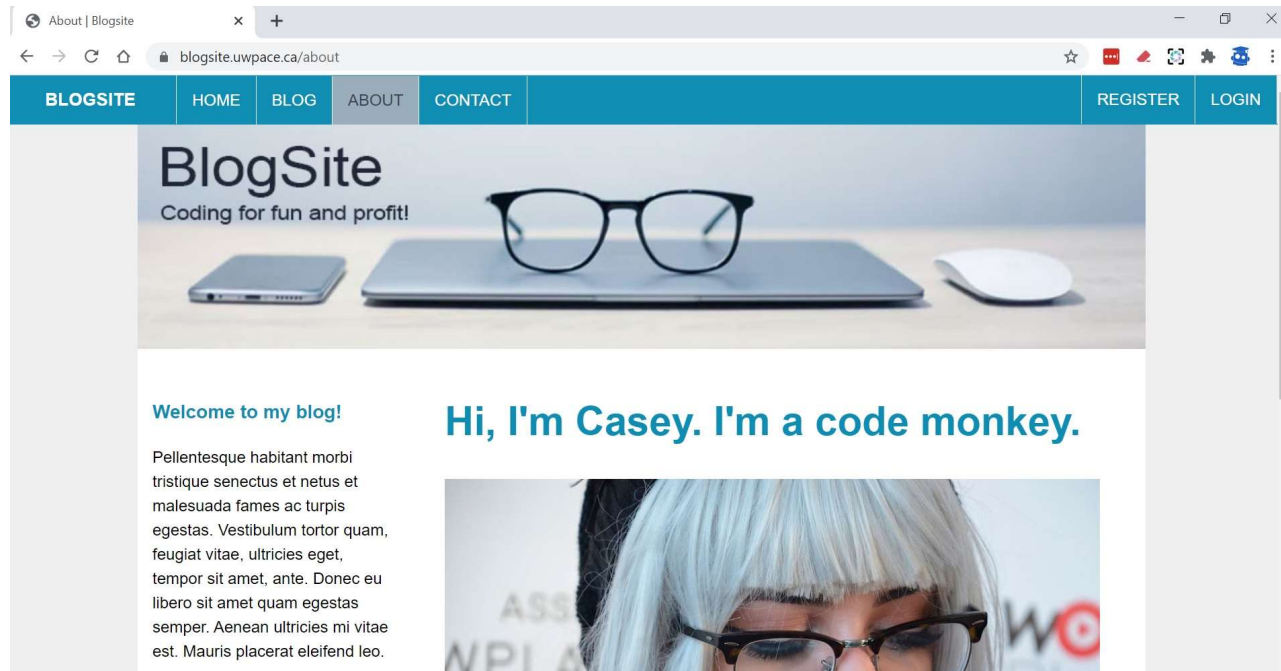- A movie detail route. This will show the detail for a movie (all fields).

8. Create a Controller to handle the routes

Create a controller, `MoviesController` to handle your routes. DO NOT create a resource controller. But DO create the standard, conventional methods required to handle the list and detail views.

8. Create views for each route

- The views related to movie data should be in a subfolder named `movies` and should follow Laravel naming conventions for views
- The home page view can be stored outside the `movies` folder

9. When you are finished take screenshots of the following pages: home, movies, movie detail. Make sure your screenshot includes the address-bar of your browser, showing the route, or you will not receive marks for your screenshots. There should be three screenshots in total. DO NOT ADD THESE TO A WORD DOCUMENT OR PDF. Sample screenshot:

10. Export your git log into a text file

Export your git log using the following command, into a file name gitlog.txt. Include the gitlog in the zip archive you will be submitting.

```
git --no-pager log > gitlog.txt
```

Keep in mind

Please remember, you are expected to work using the best practices you have learned so far:

- Use Git and keep a complete log in case you are questioned about your work
- Comment all code, including DocBlocks above all methods and functions
- Follow PSR-2 standards for line-length, code formatting

What to hand in

- A single zip archive containing the following (maximum size 8M):
    - Minimum 3 screenshots, each meeting the specifications above
    - Your `web.php` file with all your routes
    - Your `MoviesController` file with all your controller methods
    - Your list view
    - Your detial view
    - Your home view
    - Your git log

END