**Task#: 47**

**Course**: Web Development

**Topics**: PHP Frameworks

**Level**: Advance Level

Today’s Professional Web Development in PHP is mostly executed in various popular frameworks of the company’s choice. We can look through three major popular among them.

* CodeIgniter 4.0
* Laravel 6.0
* Zend Framework 3.0

For this course we shall follow along learning Laravel. To cover each Laravel topics will be out of the scope for this course. But If you are really getting through Programming concepts and you are passionate of learning new technologies then you must proceed in learning Laravel. For this course and task, we can build a simple Blog in Laravel.

**What is a Blog?**

A blog (shortening of “weblog”) is an online journal or informational website displaying information in the reverse chronological order, with the latest posts appearing first. It is a platform where a writer or even a group of writers share their views on an individual subject. Below is a link to an article which can explain what are blogs and how they are useful in today’s internet community.

<https://firstsiteguide.com/what-is-blog/>

**Task Requirements**

1. User can register on the blog post website
2. User can login on the blog post website.
3. Add Forgot Password feature in case user has forgot his password
4. User can add blog posts. A blog post should contain following properties
   1. Post Title
   2. Post Body (Content)
   3. Post Image
   4. Timestamp (Time at which post was created)
   5. Timestamp (Time at which post was updated)
   6. Post Status (Active / Inactive)
5. There must be a home page where all blog posts from different users are listed.
6. You need to show 6 posts per page. That means you need to add pagination. User can move to next page, previous page.
7. When the user is logged in, he should have access to add / edit / delete his blog posts.
8. Posts table will have following columns
   1. Post Title
   2. Post Body
   3. Post Created By
   4. Post Created Date
   5. Status
   6. Action
      1. Edit Button
      2. Delete button
9. User can edit his blog posts or delete them.
10. User can logout from the website.

**Routes/ Pages required in this project.**

* **Non-Authorized Routes / Pages**

Non-authorized routes / pages are those routes in a website that are publicly accessible by anyone who visits our website. These can be our landing pages / Signup pages etc. In a blog post website, home page will contain all the blog posts created by every user.

1. <http://localhost:8000/home>
2. <http://localhost:8000/signin>
3. <http://localhost:8000/register>
4. <http://localhost:8000/reset-password>

* **Authorized Routes / Pages**

Authorized routes are those routes or pages in website that are only accessible by the authorized users / registered users. These are private pages of the website and should not be publicly accessible by any one. Only the authorized user who is register on the website can view and edit his own personal content or in this project you can say blog posts.

1. <http://localhost:8000/posts>
2. <http://localhost:8000/edit-post>
3. <http://localhost:8000/delete-post>
4. <http://localhost:8000/add-post>

**Note:** <http://localhost:8000> is a default URL which is served when we first create and run our Laravel Project. 8000 is the port number on which the server is listening all our website requests running locally on our machines.

**Useful Resources for Learning Laravel**

1. <https://laravel.com/docs/6.x>
2. <https://www.youtube.com/watch?v=EU7PRmCpx-0&list=PLillGF-RfqbYhQsN5WMXy6VsDMKGadrJ->
3. <https://laracasts.com/series/laravel-from-scratch-2018>

**Best of Luck**