

## Ablauf der Laravel-Programm Vorstellung

1. Erzeugung von Login und Register
  - a. Eingabe in Terminal: *php artisan make:auth*
2. Migration der Datenbank (Beispiel MySQL)
  - a. Neue Datenbank bei MySQL erstellen (noch keine Tabelle)
  - b. Folgendes in „env.“-Datei anpassen:

```
DB_CONNECTION=mysql
DB_HOST=127.0.0.1
DB_PORT=3306
DB_DATABASE=test_db
DB_USERNAME=root
DB_PASSWORD=
```
  - c. Eingabe in Terminal: *php artisan migrate*
3. Bearbeitung des „welcome.blade.php“-Views
  - a. Zum Test einmal der Text „Laravel“ von der Startseite ändern
  - b. Bereits existierenden Body löschen, sowie Style- und Fonts-Tag
  - c. Titel anpassen
  - d. In Body einfügen:

```
<h1> Willkommen bei meiner E-Portfolio Präsentation</h1>
<p> BlogPost</p>
```
4. Erstellung des „BlogPost.blade.php“-Views
  - a. HTML-Code aus „welcome.blade.php“-View kopieren
  - b. Text anpassen
5. Anpassen der Routes in „web.php“
  - a. Bereits bestehende Route von „welcome.blade.php“-View kopieren
  - b. Name des Views und URL Pfad anpassen
6. Erstellung des „About.blade.php“-Views
  - a. Damit nicht immer HTML-Gerüst kopiert werden muss benutzen eines Layouts
  - b. Verwendung des bereits angelegten Layouts „app.blade.php“
  - c. HTML-Gerüst in Views wie folgt verändern

```
@extends('layouts.app')

@section('content')
<h1> Willkommen bei meiner E-Portfolio Präsentation</h1>
<p> BlogPost</p>
@endsection
```
  - d. In allen Views verändern
  - e. View „About.blade.php“ mit Hilfe von Layout erstellen
  - f. Ebenfalls Routing für „About.blade.php“-View anpassen
  - g. → Nächster Schritt Routing mit Controller
7. Erstellung des „PageController.php“-Controllers
  - a. Erzeugung erfolgt über Terminal
  - b. Eingabe in Terminal: *php artisan make:controller PageController*
  - c. Wo findet man den „PageController.php“?: App → HTTP → Controllers

- d. Erstellen von functions für jeden View wie im Beispiel

```
public function HomeSite(){
    $title = 'My E-Portfolio';
    return view('welcome')->with('title', $title);
}
```

## 8. Routing mit Controller verbinden

- a. Die Routes anpassen

```
Route::get('/BlogPost' , 'PageController@blogPost');
Route::get('/About' , 'PageController@about');
Route::get('/', 'PageController@portfolio');
```

## 9. Alle Titel verknüpfen / anpassen

- a. Views den Titel der vom Controller kommt mitgeben

```
<?php echo $title; ?>
```

- b. App-Namen in „env.“-Datei ändern

- c. Layout Titel anpassen → entspricht dann App-Namen

```
<title>{{ config('app.name', 'E-PortfolioApp') }}</title>
```

## 10. Nav-Bar bearbeiten

- a. Nav-Bar ist bereits in „app.blade.php“ implementiert  
b. Dunkles Theme für Nav-Bar mit:

```
navbar-expand-md navbar-dark bg-dark
```

- c. Views eintragen → Left Side of NavBar

```
<!-- Left Side Of Navbar -->
<ul class="navbar-nav mr-auto">
    <li class="nav-item">
        <a class="nav-link" href="/BlogPost">BlogPost</a>
    </li>
    <li class="nav-item">
        <a class="nav-link" href="/About">About</a>
    </li>
</ul>
```

## 11. Fertigstellen der Views

- a. Einrücken der Texte, in Layout „app.blade.php“ folgenden Code in main-Tag einfügen

```
<main class="py-4">
    <div class="container">
        @yield('content')
    </div>
</main>
```

- b. BlogPost bei Bootstrap raussuchen

- c. Alles im Main-Part rauskopieren und einfügen

```
<main role="main" class="container">
    <div class="row">
        <div class="col-md-8 blog-main">
            <h3 class="pb-3 mb-4 font-italic border-bottom">
                From the Firehose
            </h3>

            <div class="blog-post">
                <h2 class="blog-post-title">Sample blog post</h2>
                <p class="blog-post-meta">January 1, 2014 by <a
```

```
href="#">Mark</a></p>
```

```
<p>This blog post shows a few different types of
content that's supported and styled with Bootstrap. Basic
typography, images, and code are all supported.</p>
```

```
<hr>
```

```
<p>Cum sociis natoque penatibus et magnis <a
href="#">dis parturient montes</a>, nascetur ridiculus mus. Aenean
eu leo quam. Pellentesque ornare sem lacinia quam venenatis
vestibulum. Sed posuere consectetur est at lobortis. Cras mattis
consectetur purus sit amet fermentum.</p>
```

```
<blockquote>
```

```
<p>Curabitur blandit tempus porttitor.
```

```
<strong>Nullam quis risus eget urna mollis</strong> ornare vel eu
leo. Nullam id dolor id nibh ultricies vehicula ut id elit.</p>
```

```
</blockquote>
```

```
<p>Etiam porta <em>sem malesuada magna</em> mollis
euismod. Cras mattis consectetur purus sit amet fermentum. Aenean
lacinia bibendum nulla sed consectetur.</p>
```

```
<h2>Heading</h2>
```

```
<p>Vivamus sagittis lacus vel augue laoreet rutrum
faucibus dolor auctor. Duis mollis, est non commodo luctus, nisi
erat porttitor ligula, eget lacinia odio sem nec elit. Morbi leo
risus, porta ac consectetur ac, vestibulum at eros.</p>
```

```
<h3>Sub-heading</h3>
```

```
<p>Cum sociis natoque penatibus et magnis dis
parturient montes, nascetur ridiculus mus.</p>
```

```
<pre><code>Example code block</code></pre>
```

```
<p>Aenean lacinia bibendum nulla sed consectetur.
Etiam porta sem malesuada magna mollis euismod. Fusce dapibus,
tellus ac cursus commodo, tortor mauris condimentum nibh, ut
fermentum massa.</p>
```

```
<h3>Sub-heading</h3>
```

```
<p>Cum sociis natoque penatibus et magnis dis
parturient montes, nascetur ridiculus mus. Aenean lacinia bibendum
nulla sed consectetur. Etiam porta sem malesuada magna mollis
euismod. Fusce dapibus, tellus ac cursus commodo, tortor mauris
condimentum nibh, ut fermentum massa justo sit amet risus.</p>
```

```
<ul>
```

```
<li>Praesent commodo cursus magna, vel
scelerisque nisl consectetur et.</li>
```

```
<li>Donec id elit non mi porta gravida at eget
metus.</li>
```

```
<li>Nulla vitae elit libero, a pharetra
augue.</li>
```

```
</ul>
```

```
<p>Donec ullamcorper nulla non metus auctor
fringilla. Nulla vitae elit libero, a pharetra augue.</p>
```

```
<ol>
```

```
<li>Vestibulum id ligula porta felis euismod
semper.</li>
```

```
<li>Cum sociis natoque penatibus et magnis dis
parturient montes, nascetur ridiculus mus.</li>
```

```
<li>Maecenas sed diam eget risus varius
blandit sit amet non magna.</li>
```

```
</ol>
```

```
<p>Cras mattis consectetur purus sit amet
fermentum. Sed posuere consectetur est at lobortis.</p>
```

```
</div><!-- /.blog-post -->
```

```
<div class="blog-post">
```

```
<h2 class="blog-post-title">Another blog post</h2>
```

```
<p class="blog-post-meta">December 23, 2013 by <a
```

```

href="#">Jacob</a></p>

    <p>Cum sociis natoque penatibus et magnis <a
href="#">dis parturient montes</a>, nascetur ridiculus mus. Aenean
eu leo quam. Pellentesque ornare sem lacinia quam venenatis
vestibulum. Sed posuere consectetur est at lobortis. Cras mattis
consectetur purus sit amet fermentum.</p>
    <blockquote>
        <p>Curabitur blandit tempus porttitor.
<strong>Nullam quis risus eget urna mollis</strong> ornare vel eu
leo. Nullam id dolor id nibh ultricies vehicula ut id elit.</p>
    </blockquote>
    <p>Etiam porta <em>sem malesuada magna</em> mollis
eismod. Cras mattis consectetur purus sit amet fermentum. Aenean
lacinia bibendum nulla sed consectetur.</p>
    <p>Vivamus sagittis lacus vel augue laoreet rutrum
faucibus dolor auctor. Duis mollis, est non commodo luctus, nisi
erat porttitor ligula, eget lacinia odio sem nec elit. Morbi leo
risus, porta ac consectetur ac, vestibulum at eros.</p>
</div><!-- /.blog-post -->

    <div class="blog-post">
        <h2 class="blog-post-title">New feature</h2>
        <p class="blog-post-meta">December 14, 2013 by <a
href="#">Chris</a></p>

        <p>Cum sociis natoque penatibus et magnis dis
parturient montes, nascetur ridiculus mus. Aenean lacinia bibendum
nulla sed consectetur. Etiam porta sem malesuada magna mollis
eismod. Fusce dapibus, tellus ac cursus commodo, tortor mauris
condimentum nibh, ut fermentum massa justo sit amet risus.</p>
        <ul>
            <li>Praesent commodo cursus magna, vel
scelerisque nisl consectetur et.</li>
            <li>Donec id elit non mi porta gravida at eget
metus.</li>
            <li>Nulla vitae elit libero, a pharetra
augue.</li>
        </ul>
        <p>Etiam porta <em>sem malesuada magna</em> mollis
eismod. Cras mattis consectetur purus sit amet fermentum. Aenean
lacinia bibendum nulla sed consectetur.</p>
        <p>Donec ullamcorper nulla non metus auctor
fringilla. Nulla vitae elit libero, a pharetra augue.</p>
    </div><!-- /.blog-post -->

    <nav class="blog-pagination">
        <a class="btn btn-outline-primary"
href="#">Older</a>
        <a class="btn btn-outline-secondary disabled"
href="#">Newer</a>
    </nav>

</div><!-- /.blog-main -->

    <aside class="col-md-4 blog-sidebar">
        <div class="p-3 mb-3 bg-light rounded">
            <h4 class="font-italic">About</h4>
            <p class="mb-0">Etiam porta <em>sem malesuada
magna</em> mollis eismod. Cras mattis consectetur purus sit amet
fermentum. Aenean lacinia bibendum nulla sed consectetur.</p>
        </div>

```

```

        <div class="p-3">
            <h4 class="font-italic">Archives</h4>
            <ol class="list-unstyled mb-0">
                <li><a href="#">March 2014</a></li>
                <li><a href="#">February 2014</a></li>
                <li><a href="#">January 2014</a></li>
                <li><a href="#">December 2013</a></li>
                <li><a href="#">November 2013</a></li>
                <li><a href="#">October 2013</a></li>
                <li><a href="#">September 2013</a></li>
                <li><a href="#">August 2013</a></li>
                <li><a href="#">July 2013</a></li>
                <li><a href="#">June 2013</a></li>
                <li><a href="#">May 2013</a></li>
                <li><a href="#">April 2013</a></li>
            </ol>
        </div>

        <div class="p-3">
            <h4 class="font-italic">Elsewhere</h4>
            <ol class="list-unstyled">
                <li><a href="#">GitHub</a></li>
                <li><a href="#">Twitter</a></li>
                <li><a href="#">Facebook</a></li>
            </ol>
        </div>
    </aside><!-- /.blog-sidebar -->

</div><!-- /.row -->

</main><!-- /.container -->

```

- d. Beispiel für Anpassung:  
Text aus EventLAB vom letzten Blog kopieren und in Code einfügen
- e. Die About-Seite mithilfe von unserem WordPress und dem Layout vom Blog erstellen und Bild hinzufügen

```

<h3 class="pb-3 mb-4 font-italic border-bottom">
    EventLAB
</h3>

<h1><?php echo $title; ?></h1>
<article id="post-49" class="post-49 page type-page status-
publish hentry">
    <header class="entry-header">
        <div class="entry-content">
            <h5>Our team</h5>
            <p>We are a team of three students of Applied Computer
Science at DHBW Karlsruhe: Lukas, Anett and Ben.</p>
            <p>In our course Software Engineering, we invented the
idea of developing a web calendar application that will simplify
everyone's life.</p>
            <h5>Any questions?</h5>
            <p>Please feel free to send us an <a
href="mailto:eventlab@jupiterspace.de">e-mail</a> or comment on
our <a href="https://github.com/tarjamp/eventlab">GitHub
repository</a> at any time.</p>
        </div><!-- .entry-content -->
    </article><!-- #post-## -->

    

```

f. Home Seite fertigstellen

```
<div class="text-center"/>
<h1><?php echo $title; ?></h1>
<p><h4>Einführung in Laravel</h4>

</p>
</div>
```