Laravel for Beginners 10

Layout and Styles with Bootstrap

Twitter Bootstrap 4

- Bootstrap is of the standard frameworks for fast and easy web development
- includes HTML and CSS based design templates for typography, forms, buttons, tables, navigation, modals, image carousels and many other, as well as optional JavaScript plugins
- Bootstrap also gives you the ability to easily create responsive designs

- Use these tutorials/links to learn bootstrap:

https://www.w3schools.com/bootstrap4

https://getbootstrap.com/

http://holdirbootstrap.de/css/

https://medium.freecodecamp.org/learn-bootstrap-4-in-30-minute-by-building-a-landing-page-website-guide-for-beginners-f64e03833f33

Master View – View Composition

Blade Views support „View Composition" to combine similar views via master views

- Define one master view with one ore more content placeholders
- Use this master view and fill the placeholders with content
→Every view has the same
  - Style
  - Header
  - Footer
  - Menu
  - …

Master View

- Contains the frame with all common parts over all views
- And one ore more placeholders **@yield('name')**

```html
<html>
<head>
    <title>Songs</title>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css">
</head>
<body>
<!-- Navigation Bar -->
<nav class="navbar navbar-expand-sm bg-dark navbar-dark">
    <!-- Brand/logo -->
    <a class="navbar-brand" href="{{ route('songs.index') }}">Songs</a>
    <!-- Links -->
    <ul class="navbar-nav mr-auto">
        <li class="nav-item">
            <a href="{{ route('songs.index') }}" class="btn btn-outline-light">All Songs</a>
        </li>
        <li class="nav-item">
            <a href="{{ route('songs.create') }}" class="btn btn-outline-light">Create Song</a>
        </li>
    </ul>
</nav>
<!-- content placeholder -->
@yield('content')
<!-- errors -->
@if($errors)
    @foreach ($errors->all() as $error)
        <div class="alert alert-danger">{{ $error }}</div>
    @endforeach
@endif
<!-- JavaScripts -->
<script src="https://code.jquery.com/jquery-3.3.1.slim.js"
        integrity="sha256-hwg4gsxgFZhOsEEamdOYGBf13FyQuiTwlAQgxVSNgt4="
        crossorigin="anonymous">
</script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/popper.min.js"></script>
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js"></script>
</body>
</html>
```

Index View

- Load the master view with **@extends('layout')**

- Fill the placeholder section with **@section('content')**
...
@endsection

```
@extends('layout')

@section('content')
<h2>All Songs</h2>
<table class="table table-striped table-bordered">
    <thead>
        <th>Id</th>
        <th>Title</th>
        <th>Artist</th>
        <th>Album</th>
        <th colspan="3">Actions</th>
    </thead>
    <tbody>
        @foreach($songs as $s)
        <tr>
            <td>{{ $s->id }}</td>
            <td>{{ $s->title }}</td>
            <td>{{ $s->artist }}</td>
            <td>{{$s->album }}</td>
            <td>
                <a href="{{ route('songs.show', $s->id) }}" class="btn bg-light btn-outline-dark">Show</a>
            </td>
            <td>
                <a href="{{ route('songs.edit', $s->id) }}" class="btn bg-light btn-outline-dark">Edit</a>
            </td>
            <td>
                <form method="POST" action="{{ route('songs.destroy', $s->id) }}">
                    @csrf
                    @method('delete')
                    <button type="submit" class="btn bg-light btn-outline-dark">Delete</button>
                </form>
            </td>
        </tr>
        @endforeach
    </tbody>
</table>

@endsection
```