

Laporan Modul 4: Laravel Blade Template Engine

Mata Kuliah: Workshop Web Lanjut

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Abstrak

Dalam praktikum ini, mahasiswa mempelajari konsep dan penerapan Blade Template Engine pada framework Laravel. Blade berfungsi untuk memisahkan antara logika dan tampilan dalam arsitektur MVC (Model-View-Controller), sehingga proses pengembangan web menjadi lebih efisien dan terstruktur. Tujuan praktikum ini adalah untuk memahami sintaks dasar Blade, penggunaan layout dan inheritance, serta penerapan fitur Blade dalam menampilkan data dan mengatur alur tampilan.

1. Dasar Teori

Blade Template Engine adalah sistem templatting bawaan dari Laravel yang memudahkan pengembang dalam membuat tampilan dinamis dengan sintaks yang sederhana dan fleksibel. Meskipun mendukung penggunaan kode PHP biasa, Blade juga menyediakan berbagai fitur tambahan, seperti:

- **Template Inheritance:** memungkinkan pembuatan layout utama (layout.blade.php) yang dapat digunakan kembali oleh halaman lain.
- **Section & Yield:** digunakan untuk mendefinisikan dan menampilkan area konten dalam template.
- **Control Structure:** mendukung perintah seperti `@if`, `@foreach`, dan `@for` untuk mengatur logika tampilan.
- **Component & Include:** mempermudah penggunaan ulang elemen tampilan seperti header, footer, atau form.

Semua file Blade dikompilasi menjadi file PHP murni dan disimpan dalam cache, sehingga meningkatkan performa aplikasi.

2. Langkah-Langkah Praktikum

Praktikum 1: Meneruskan Data dari Controller ke Blade View

- Langkah 1: Buat dan Buka Proyek laravel laravel new modul-4-blade-view cd modul-4-blade-view code .
- Langkah 2: Buat Sebuah Controller php artisan make:controller DasarBladeController ini akan membuat app/Http/Controllers/DasarBladeController.php.

- Langkah 3: Definisikan Rute Buka Routes/Web.php Dan isi dengan code berikut

```
1  <?php
2
3  use Illuminate\Support\Facades\Route;
4  use App\Http\Controllers\DasarBladeController;
5  use App\Http\Controllers\LogicController;
6  use App\Http\Controllers\PageController;
7
8  Route::get('/', function () {
9      return view('welcome');
10 });
11
12 Route::get('/dasar', [DasarBladeController::class, 'showData']);
13 Route::get('/logic', [LogicController::class, 'show']);
14 Route::get('/admin', [PageController::class, 'admin']);
15 Route::get('/user', [PageController::class, 'user']);
```

- Langkah 4: Buat Metode Untuk menghandle Data pada Controller Buka app/Http/controllers/dasarbladecontroller.php Isi Dengan Code Berikut

```
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use Illuminate\Http\Request;
6
7  class DasarBladeController extends Controller
8  {
9      public function showData()
10     {
11         $name = 'Devi';
12         $fruits = ['Apple', 'Banana', 'Cherry'];
13         $user = [
14             'name' => 'Eva',
15             'email' => 'eva@ilmudata.id',
16             'is_active' => true,
17         ];
18         $product = (object) [
19             'id' => 1,
20             'name' => 'Laptop',
21             'price' => 12000000
22         ];
23
24         return view('dasar', compact('name', 'fruits', 'user', 'product'));
25     }
26
27 }
28
29 #Mengganti demo ke dasar
```

- Langkah 5: Buat Blade View Buat File Baru di Direktori resources/views/dasar.blade.php: Isi Dengan Code Berikut

```
1  <!DOCTYPE html>
2  <html>
3  <head>
4  |   <title>Data Passing Demo</title>
5  </head>
6  <body>
7  |   <h1>Passing Data to Blade View</h1>
8
9  |   <h2>String</h2>
10 |   <p>Name: {{ $name }}</p>
11
12 |   <h2>Array</h2>
13 |   <ul>
14 |       @foreach ($fruits as $fruit)
15 |       |   <li>{{ $fruit }}</li>
16 |       @endforeach
17 |   </ul>
18
19 |   <h2>Associative Array</h2>
20 |   <p>Name: {{ $user['name'] }}</p>
21 |   <p>Email: {{ $user['email'] }}</p>
22 |   <p>Status: {{ $user['is_active'] ? 'Active' : 'Inactive' }}</p>
23
24 |   <h2>Object</h2>
25 |   <p>ID: {{ $product->id }}</p>
26 |   <p>Product: {{ $product->name }}</p>
27 |   <p>Price: Rp{{ number_format($product->price, 0, ',', '.') }}</p>
28 </body>
29 </html>
```

- Langkah 6: Uji Rute Mulai Php Artisan serve Buka Browser Dan Kunjungi <http://127.0.0.1:8000/dasar>

Passing Data to Blade View

String

Name: Devi

Array

- Apple
- Banana
- Cherry

Associative Array

Name: Eva

Email: eva@ilmudata.id

Status: Active

Object

ID: 1

Product: Laptop

Price: Rp12.000.000

Praktikum 2: Menggunakan Struktur Kontrol Blade

- Langkah 1: Buat Controller Baru Di Dalam Project Modul-4-blade-view Bikin sebuah controller php artisan make:controller LogicController Ini membuat `app/Http/Controllers/LogicController.php`.

- Langkah 2: Tambahkan route baru Buka routes/web.php dan tambahkan:

```

1  <?php
2
3  use Illuminate\Support\Facades\Route;
4  use App\Http\Controllers\DasarBladeController;
5  use App\Http\Controllers\LogicController;
6  use App\Http\Controllers\PageController;
7
8  Route::get('/', function () {
9      return view('welcome');
10 });
11
12 Route::get('/dasar', [DasarBladeController::class, 'showData']);
13 Route::get('/logic', [LogicController::class, 'show']);
14 Route::get('/admin', [PageController::class, 'admin']);
15 Route::get('/user', [PageController::class, 'user']);

```

- Langkah 3: Tambahkan Logika Di Controller Kemudian, isi dengan code berikut

```

1  <?php
2
3  namespace App\Http\Controllers;
4
5  use Illuminate\Http\Request;
6
7  class LogicController extends Controller
8  {
9      public function show()
10     {
11         $isLoggedIn = true;
12         $users = [
13             ['name' => 'Marcel', 'role' => 'admin'],
14             ['name' => 'Thariq', 'role' => 'editor'],
15             ['name' => 'Ellian', 'role' => 'subscriber'],
16         ];
17         $products = []; // Simulasi array kosong untuk @forelse
18         $profile = [
19             'name' => 'Thariq',
20             'email' => 'thariq@ilmudata.id'
21         ];
22         $status = 'active';
23
24         return view('logic', compact('isLoggedIn', 'users', 'products', 'profile', 'status'));
25     }
26
27 }

```

- Langkah 4: Buat Blade View Buat file view Di direktori resources/views/logic.blade.php: Kemudian Isi Dengan Code Berikut

```

1  <!DOCTYPE html>
2  <html>
3  <head>
4  |   <title>Blade Logic Demo</title>
5  </head>
6  <body>
7  |   <h1>Blade Control Structures Demo</h1>
8  |
9  |   <h2>1. @iif / @eelse</h2>
10 |   @if ($isLoggedIn)
11 |       <p>Welcome back, user!</p>
12 |   @else
13 |       <p>Please log in.</p>
14 |   @endif
15 |
16 |   <h2>2. @foreach</h2>
17 |   <ul>
18 |       @foreach ($users as $user)
19 |           <li>{{ $user['name'] }} - Role: {{ $user['role'] }}</li>
20 |       @endforeach
21 |   </ul>
22 |
23 |   <h2>3. @fforlse</h2>
24 |   @forelse ($products as $product)
25 |       <p>{{ $product }}</p>
26 |   @empty
27 |       <p>No products found.</p>
28 |   @endforelse
29 |
30 |   <h2>4. @isset</h2>
31 |   @isset($profile['email'])
32 |       <p>User Email: {{ $profile['email'] }}</p>
33 |   @endisset
34 |
35 |   <h2>5. @empty</h2>
36 |   @empty($profile['phone'])
37 |       <p>No phone number available.</p>
38 |   @endempty
39
40
41 <h2>6. @switch</h2>
42 @switch($status)
43 |     @case('active')
44 |         <p>Status: Active</p>
45 |         @break
46 |     @case('inactive')
47 |         <p>Status: Inactive</p>
48 |         @break
49 |     @default
50 |         <p>Status: Unknown</p>
51 |     @endswitch
52 </body>
53 </html>

```

- Langkah 5: Jalankan Aplikasi Jalankan Server Pengembangan php php artisan serve
Akses aplikasi di: <http://127.0.0.1:8000/logic>

Blade Control Structures Demo

1. @iif / @eelse

Welcome back, user!

2. @fforeach

- Marcel - Role: admin
- Thariq - Role: editor
- Ellian - Role: subscriber

3. @fforelse

No products found.

4. @iisset

User Email: thariq@ilmudata.id

5. @eempty

No phone number available.

6. @sswitch

Status: Active

Praktikum 3: Layout dan Personalisasi di Laravel 12 dengan Bootstrap

- Langkah 1: Buat Controller baru Masih Sama Di dalam Projek modul-4-view, untuk kali ini akan membuat controller untuk menangani rute dan logika kita: php artisan make:controller PageController
- Langkah 2: Menambahkan Route Di Dalam Routes/web.php kita akan menambahkan rute baru: berikut adalah codenya:

```

1  <?php
2
3  use Illuminate\Support\Facades\Route;
4  use App\Http\Controllers\DasarBladeController;
5  use App\Http\Controllers\LogicController;
6  use App\Http\Controllers\PageController;
7
8  Route::get('/', function () {
9      return view('welcome');
10 });
11
12 Route::get('/dasar', [DasarBladeController::class, 'showData']);
13 Route::get('/logic', [LogicController::class, 'show']);
14 Route::get('/admin', [PageController::class, 'admin']);
15 Route::get('/user', [PageController::class, 'user']);

```

- Langkah 3: Update Controller Di dalam direktori app/Http/Controllers/PageController.php Isikan Kode Berikut

```

1  <?php
2
3  namespace App\Http\Controllers;
4
5  use Illuminate\Http\Request;
6
7  class PageController extends Controller
8  {
9      public function admin()
10     {
11         $role = 'admin';
12         $username = 'Yamato Admin';
13         return view('admin.dashboard', compact('role', 'username'));
14     }
15
16     public function user()
17     {
18         $role = 'user';
19         $username = 'Liu User';
20         return view('user.dashboard', compact('role', 'username'));
21     }
22 }
23

```

- Langkah 4: Buat Layout Dasar dengan Bootstrap Di dalam direktori resources/view bikin folder layouts kemudian di dalamnya buat file app.blade.php dan isi dengan code berikut:

```

1 <!DOCTYPE html>
2 <html>
3 <head>
4     <title>@yield('title') | Layout and Personalization</title>
5     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet">
6 </head>
7 <body>
8     <nav class="navbar navbar-expand-lg navbar-dark bg-dark mb-4">
9         <div class="container">
10             <a class="navbar-brand" href="#">Layout and Personalization</a>
11             <div class="collapse navbar-collapse">
12                 <ul class="navbar-nav ms-auto">
13                     <li class="nav-item">
14                         <span class="nav-link active">Welcome, {{ $username }}</span>
15                     </li>
16                 </ul>
17             </div>
18         </div>
19     </nav>
20
21     <div class="container">
22         @if ($role === 'admin')
23             <div class="alert alert-info">Admin Access Granted</div>
24         @elseif ($role === 'user')
25             <div class="alert alert-success">User Area</div>
26         @endif
27
28         @yield('content')
29     </div>
30
31     <footer class="bg-light text-center mt-5 p-3 border-top">
32         <p class="mb-0">&copy; 2025 Layout and Personalization. All rights reserved.</p>
33     </footer>
34
35     <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>
36 </body>
37 </html>

```

- Langkah 5: Buat view untuk Admin Buat direktori admin di resources/views Kemudian, buat resources/views/admin/dashboard.blade.php: Dan Isi dengan Code Berikut:

```

1 @extends('layouts.app')
2
3 @section('title', 'Admin Dashboard')
4
5 @section('content')
6     <h2 class="mb-4">Admin Dashboard</h2>
7     <div class="list-group">
8         <a href="#" class="list-group-item list-group-item-action">Manage Users</a>
9         <a href="#" class="list-group-item list-group-item-action">Site Settings</a>
10        <a href="#" class="list-group-item list-group-item-action">System Logs</a>
11    </div>
12 @endsection

```

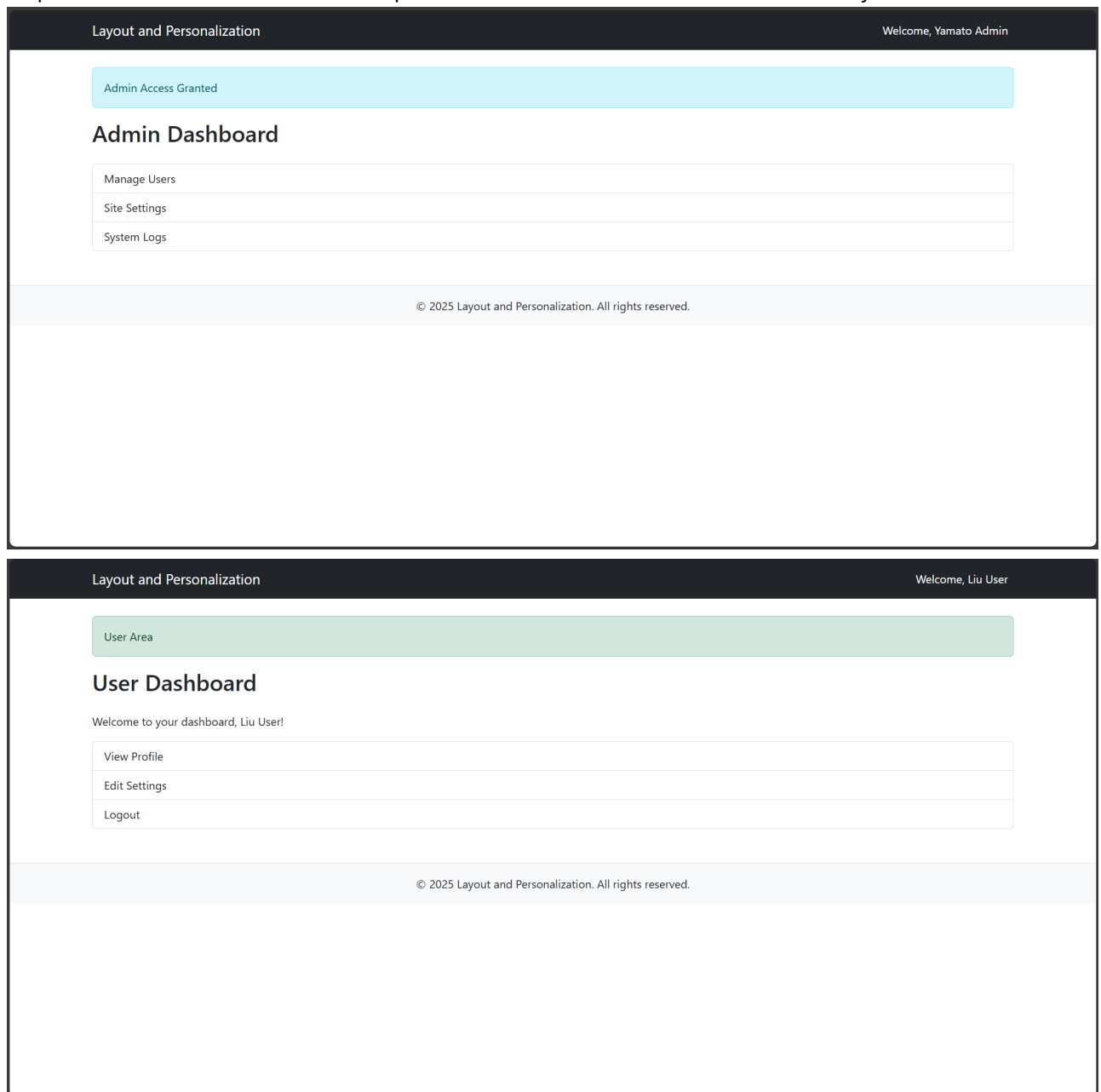
- Langkah 6: Buat view untuk User Buat direktori user di resources/views Kemudian, buat resources/views/user/dashboard.blade.php: Dan isi dengan Code Berikut:

```

1  @extends('layouts.app')
2
3  @section('title', 'User Dashboard')
4
5  @section('content')
6      <h2 class="mb-4">User Dashboard</h2>
7      <p>Welcome to your dashboard, {{ $username }}!</p>
8      <div class="list-group">
9          <a href="#" class="list-group-item list-group-item-action">View Profile</a>
10         <a href="#" class="list-group-item list-group-item-action">Edit Settings</a>
11         <a href="#" class="list-group-item list-group-item-action">Logout</a>
12     </div>
13 @endsection

```

- Langkah 7: Jalankan Aplikasi php artisan serve Buka browser dan kunjungi Admin:
http://127.0.0.1:8000/admin User: http://127.0.0.1:8000/user Berikut adalah Hasilnya



Praktikum 4: Partial Views, Blade Components, dan Theme Switching di Laravel 12

Langkah 1: Buat Dan Buka Proyek Laravel Baru laravel new modul-4-laravel-ui cd modul-4-laravel-ui code .

Langkah 2: Buat Controller Ketik ini di terminal : php artisan make:controller UIController

Langkah 3: Definisikan Routes Buka Routes/web.php Dan Tambahkan Code Berikut:

```
1 <?php
2 use Illuminate\Support\Facades\Route;
3 use App\Http\Controllers\UIController;
4
5 Route::get('/', [UIController::class, 'home'])->name('home');
6 Route::get('/about', [UIController::class, 'about'])->name('about');
7 Route::get('/contact', [UIController::class, 'contact'])->name('contact');
8 Route::get('/profile', [UIController::class, 'profile'])->name('profile');
9 Route::get('/switch-theme/{theme}', [UIController::class, 'switchTheme'])->name('switch-theme');
```

Langkah 4: Update Controller Buka File UIController.php di Direktori app/Http/Controllers/UIController.php

Kemudian Isi dengan Code Berikut

```
1 <?php
2 namespace App\Http\Controllers;
3 use Illuminate\Http\Request;
4
5 class UIController extends Controller
6 {
7     public function home(Request $request)
8     {
9         $theme = session('theme', 'light');
10        $alertMessage = 'Selamat datang di Laravel UI Integrated Demo!';
11        $features = [
12            'Partial Views',
13            'Blade Components',
14            'Theme Switching',
15            'Bootstrap 5',
16            'Responsive Design'
17        ];
18
19        return view('home', compact('theme', 'alertMessage', 'features'));
20    }
21
22    public function about(Request $request)
23    {
24        $theme = session('theme', 'light');
25        $alertMessage = 'Halaman ini menggunakan Partial Views!';
26        $team = [
27            ['name' => 'M. Iqbal Sayuti', 'role' => 'Senior Developer'],
28            ['name' => 'Fathan Mubina', 'role' => 'Game Developer'],
29            ['name' => 'Hafidz Maulana', 'role' => 'Backend Developer'],
30            ['name' => 'Hayzar Muhaiyar', 'role' => 'UI/UX Designer'],
31            ['name' => 'Faizul Abrar', 'role' => 'Product Manager'],
32            ['name' => 'Alvi Syahril', 'role' => 'QA Engineer'],
33            ['name' => 'Faqriyadi Andika', 'role' => 'DevOps Engineer']
34        ];
35
36        return view('about', compact('theme', 'alertMessage', 'team'));
37    }
38
39    public function contact(Request $request)
40    {
41        $theme = session('theme', 'light');
42        $departments = [
43            'Technical Support',
44            'Sales',
45            'Billing',
46            'General Inquiry'
47        ];
48
49        return view('contact', compact('theme', 'departments'));
50    }
51
52    public function profile(Request $request)
53    {
54        $theme = session('theme', 'light');
55        $user = [
56            'name' => 'Iqbal',
57            'email' => 'iqbalsayuti@example.com',
58            'join_date' => '12-09-1945',
59            'preferences' => ['Email Notifications', 'Dark Mode', 'Newslett
60        ];
61
62        return view('profile', compact('theme', 'user'));
63    }
64
65    public function switchTheme($theme, Request $request)
66    {
67        if (in_array($theme, ['light', 'dark'])) {
68            session(['theme' => $theme]);
69        }
70
71        return back();
72    }
73
74 }
75
76 }
```

Langkah 5: Buat Layout Utama Dengan Theme Support Buat Direktori layout di resources/view kemudian Bikin File app.blade.php Dan isi Dengan Code Berikut:

```

1 <!DOCTYPE html>
2 <html lang="id" data-bs-theme="{{ $theme }}">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>@yield('title', 'Laravel UI Integrated Demo')</title>
7   <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet">
8   <style>
9     body {
10       padding-top: 4rem;
11       transition: all 0.3s ease;
12       min-height: 100vh;
13     }
14     .theme-demo {
15       border-radius: 10px;
16       padding: 20px;
17       margin: 10px 0;
18       transition: all 0.3s ease;
19     }
20     .feature-card {
21       transition: transform 0.2s ease;
22     }
23     .feature-card:hover {
24       transform: translateY(-5px);
25     }
26   </style>
27 </head>
28 <body class="{{ $theme === 'dark' ? 'bg-dark text-light' : 'bg-light text-dark' }}">
29
30   <!-- Navigation menggunakan Partial View -->
31   @include('partials.navigation')
32
33   <div class="container mt-4">
34
35     <!-- Alert menggunakan Partial View -->
36     @if(isset($alertMessage) && !empty($alertMessage))
37       @include('partials.alert', ['message' => $alertMessage, 'type' => $alertMessage['type']])
38     @endif
39
40     @yield('content')
41   </div>
42
43   <!-- Footer menggunakan Blade Component -->
44   @include('components.footer', ['theme' => $theme])
45
46   <x-footer :theme="$theme" />
47
48   <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js" rel="stylesheet">
49
50     // Smooth theme transition
51     document.addEventListener('DOMContentLoaded', function() {
52       const themeLinks = document.querySelectorAll('a[href*="switch-theme"]');
53       themeLinks.forEach(link => {
54         link.addEventListener('click', function(e) {
55           e.preventDefault();
56           window.location.href = this.href;
57         });
58       });
59     });
60   </script>
61 </body>
62 </html>
63

```

Langkah 6: Buat Partial View Buat Direktori Partial Di resources/view dan bikin file navigation.blade.php kemudian isi code Berikut

```

1 <nav class="navbar navbar-expand-lg {{ $theme === 'dark' ? 'navbar-dark bg-dark' : 'navbar-light bg-light' }}" fixed-top shadow">
2   <div class="container">
3     <a class="navbar-brand fw-bold" href="{{ route('home') }}">
4       Laravel UI Demo
5     </a>
6
7     <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav">
8       <span class="navbar-toggler-icon"></span>
9     </button>
10
11     <div class="collapse navbar-collapse" id="navbarNav">
12       <ul class="navbar-nav me-auto">
13         <li class="nav-item">
14           <a class="nav-link {{ request()->routeIs('home') ? 'active' : '' }}" href="{{ route('home') }}">Home</a>
15         </li>
16         <li class="nav-item">
17           <a class="nav-link {{ request()->routeIs('about') ? 'active' : '' }}" href="{{ route('about') }}">About</a>
18         </li>
19         <li class="nav-item">
20           <a class="nav-link {{ request()->routeIs('contact') ? 'active' : '' }}" href="{{ route('contact') }}">Contact</a>
21         </li>
22         <li class="nav-item">
23           <a class="nav-link {{ request()->routeIs('profile') ? 'active' : '' }}" href="{{ route('profile') }}">Profile</a>
24         </li>
25       </ul>
26
27       <ul class="navbar-nav">
28         <li class="nav-item dropdown">
29           <a class="nav-link dropdown-toggle" href="#" role="button" data-bs-toggle="dropdown">
30             Theme: {{ ucfirst($theme) }}
31           </a>
32           <ul class="dropdown-menu">
33             <li><a class="dropdown-item" href="{{ route('switch-theme', 'light') }}">Light Mode</a></li>
34             <li><a class="dropdown-item" href="{{ route('switch-theme', 'dark') }}">Dark Mode</a></li>
35           </ul>
36         </li>
37       </ul>
38     </div>
39   </div>

```

Langkah 7: Buat Blade Components Ketik ini di dalam terminal: php artisan make:component Footer php artisan make:component FeatureCard php artisan make:component TeamMember php artisan make:component ContactForm Kemudian, Edit resources/views/components/footer.blade.php: Isi Dengan Code Berikut:

```

1  @php
2      $theme = $theme ?? 'light';
3  @endphp
4  <footer class="mt-5 py-4 border-top {{ $theme === 'dark' ? 'border-secondary' : '' }}">
5      <div class="container">
6          <div class="row">
7              <div class="col-md-6">
8                  <h5>Laravel UI Integrated Demo</h5>
9                  <p class="mb-0">Demonstrasi Partial Views, Blade Components, dan Theme Switching</p>
10             </div>
11             <div class="col-md-6 text-md-end">
12                 <p class="mb-0">
13                     <strong>Current Theme:</strong>
14                     <span class="badge {{ $theme === 'dark' ? 'bg-primary' : 'bg-dark' }}">
15                         {{ ucfirst($theme) }}
16                     </span>
17                 </p>
18                 <p class="mb-0">&copy; 2024 Laravel UI Demo. All rights reserved.</p>
19             </div>
20         </div>
21     </div>
22 </footer>

```

Selanjutnya Edit resources/views/components/feature-card.blade.php Isi Dengan Code Berikut:

```

1  @php
2      $theme = $theme ?? 'light';
3      $title = $title ?? '';
4      $description = $description ?? '';
5      $icon = $icon ?? '★';
6  @endphp
7  <div class="card feature-card h-100 {{ $theme === 'dark' ? 'bg-secondary text-white' : '' }}">
8      <div class="card-body">
9          <div class="d-flex align-items-center mb-3">
10             <span class="fs-2 me-3">{{ $icon ?? '★' }}</span>
11             <h5 class="card-title mb-0">{{ $title }}</h5>
12         </div>
13         <p class="card-text">{{ $description }}</p>
14         @if(isset($badge))
15             <span class="badge {{ $theme === 'dark' ? 'bg-light text-dark' : 'bg-dark' }}">{{ $badge }}</span>
16         @endif
17     </div>
18 </div>

```

Dan Edit resources/view/components/team-member.blade.php Isi Dengan Code Berikut:

```

1  @props(['name', 'role', 'avatar' => '👤', 'description' => '', 'theme' => 'light'])
2
3  <div class="col-md-4 mb-4">
4      <div class="card {{ $theme === 'dark' ? 'bg-dark text-white border-light' : 'bg-white border' }} h-100">
5          <div class="card-body text-center">
6              <div class="mb-3">
7                  <span class="fs-1">{{ $avatar }}</span>
8              </div>
9              <h5 class="card-title">{{ $name }}</h5>
10             <p class="card-text text-muted">{{ $role }}</p>
11             <p class="card-text">{{ $description }}</p>
12         </div>
13     </div>
14 </div>

```

Langkah 8: Buat Main Views Buat View-view Utama:

1. resources/views/home.blade.php Isi Dengan Code Berikut:

```

1  @extends('layouts.app')
2
3  @section('title', 'Home - Integrated Demo')
4
5  @section('content')
6  <div class="row">
7      <div class="col-12">
8          <div class="theme-demo {{ $theme === 'dark' ? 'bg-dark border-light'
9              <h1 class="display-4 mb-4">🔥 Laravel UI Integrated Demo</h1>
10             <p class="lead">Demonstrasi lengkap Partial Views, Blade Componer
11
12             <div class="row mt-5">
13                 <div class="col-md-4 mb-4">
14                     <x-feature-card
15                         :theme="$theme"
16                         title="Partial Views"
17                         icon="📦"
18                         description="Gunakan @include untuk reusable UI compo
19                         badge="Latihan 13"
20                     </>
21                 </div>
22                 <div class="col-md-4 mb-4">
23                     <x-feature-card
24                         :theme="$theme"
25                         title="Blade Components"
26                         icon="🌟"
27                         description="Komponen Blade dengan props dan slots ur
28                         badge="Latihan 14"
29                     </>
30                 </div>
31                 <div class="col-md-4 mb-4">
32                     <x-feature-card
33                         :theme="$theme"
34                         title="Theme Switching"
35                         icon="🔄"
36                         description="Toggle antara light dan dark mode deng
37                         badge="Latihan 15"
38                     </>
39                 </div>
40             </div>
41         </div>
42     </div>
43     <div class="row">
44         <div class="col-md-6">
45             <div class="card {{ $theme === 'dark' ? 'bg-dark border-light
46                 <div class="card-header">
47                     <h5>Fitur Utama</h5>
48                 </div>
49                 <div class="card-body">
50                     <ul class="list-group list-group-flush">
51                         @foreach($features as $feature)
52                             <li class="list-group-item {{ $theme === 'dark' ?
53                                 - {{ $feature }}
54                             </li>
55                         @endforeach
56                     </ul>
57                 </div>
58             </div>
59         </div>
60         <div class="col-md-6">
61             <div class="card {{ $theme === 'dark' ? 'bg-dark border-light
62                 <div class="card-header">
63                     <h5>Teknologi yang Digunakan</h5>
64                 </div>
65                 <div class="card-body">
66                     <div class="d-flex flex-wrap gap-2">
67                         <span class="badge bg-primary">Laravel 12</span>
68                         <span class="badge bg-success">Blade Templates</s
69                         <span class="badge bg-info">Bootstrap 5</span>
70                         <span class="badge bg-warning">PHP 8.4</span>
71                         <span class="badge bg-danger">Session Management<
72                     </div>
73                 </div>
74             </div>
75         </div>
76     </div>
77 </div>
78 @endsection
79

```

2. resources/views/about.blade.php Isi Dengan Code Berikut:

```

1  @extends('layouts.app')
2
3  @section('title', 'About - Partial Views Demo')
4
5  @section('content')
6  <div class="row">
7      <div class="col-12">
8          <div class="theme-demo {{ $theme === 'dark' ? 'bg-dark border-light' : 'bg-white border' }} mb-4 p-4 rounded">
9              <h1 class="mb-4">About - Partial Views</h1>
10             <p class="lead">
11                 Halaman ini mendemonstrasikan penggunaan <strong>Partial Views</strong> dengan
12                 <code>@{{ include }}</code> directive untuk membuat komponen Blade yang bisa digunakan ulang.
13             </p>
14         </div>
15
16         <h3 class="mb-4">Tim Kami</h3>
17
18         @php
19             $avatars = ['👤📦', '👤📦', '👤📦', '👤📦', '👤📦', '👤📦', '👤📦', '👤📦'];
20         @endphp
21
22         <div class="row">
23             @foreach($team as $member)
24                 <x-team-member
25                     name="{{ {{ $member['name'] }}"
26                     role="{{ {{ $member['role'] }}"
27                     theme="{{ {{ $theme }}"
28                     avatar="{{ {{ $avatars[$loop->index] ?? '👤' }}"
29                     description="Bergabung sejak 2024 dan berkontribusi dalam pengembangan." />
30             @endforeach
31         </div>
32     </div>
33 </div>
34 @endsection

```

3. resources/views/partials/team-stats.blade.php Isi Dengan Code Berikut:

```

1 <div class="card {{ $theme === 'dark' ? 'bg-dark border-light' : '' }} mt-4">
2     <div class="card-header">
3         <h5>Statistik Tim</h5>
4     </div>
5     <div class="card-body">
6         <div class="row text-center">
7             <div class="col-md-3">
8                 <h3>3</h3>
9                 <p class="text-muted">Anggota</p>
10            </div>
11            <div class="col-md-3">
12                <h3>12+</h3>
13                <p class="text-muted">Proyek</p>
14            </div>
15            <div class="col-md-3">
16                <h3>95%</h3>
17                <p class="text-muted">Kepuasan</p>
18            </div>
19            <div class="col-md-3">
20                <h3>2+</h3>
21                <p class="text-muted">Tahun</p>
22            </div>
23        </div>
24    </div>
25 </div>

```

4. resources/views/contact.blade.php Isi Dengan Code Berikut:

```

1 @extends('layouts.app')
2
3 @section('title', 'Contact - Components Demo')
4
5 @section('content')
6     <div class="row">
7         <div class="col-12">
8             <div class="theme-demo {{ $theme === 'dark' ? 'bg-dark border-light' : 'bg-white border' }} mb-4">
9                 <h1 class="mb-4">Contact - Blade Components</h1>
10                <p class="lead">Halaman ini mendemonstrasikan penggunaan <strong>Blade Components</strong> dengan props dan slots.</p>
11            </div>
12
13            <div class="row">
14                <div class="col-md-6">
15                    <x-contact-form :theme="$theme" :departments="$departments" />
16                </div>
17                <div class="col-md-6">
18                    <div class="card {{ $theme === 'dark' ? 'bg-dark border-light' : '' }} h-100">
19                        <div class="card-header">
20                            <h5>Informasi Kontak</h5>
21                        </div>
22                        <div class="card-body">
23                            <p><strong>Email:</strong> info@laraveldemo.com</p>
24                            <p><strong>Telepon:</strong> +62 21 1234 5678</p>
25                            <p><strong>Alamat:</strong> Jakarta, Indonesia</p>
26
27                            <h6 class="mt-4">Department Tersedia:</h6>
28                            <ul>
29                                @foreach( $departments as $dept)
30                                    <li>{{ $dept }}</li>
31                                @endforeach
32                            </ul>
33                        </div>
34                    </div>
35                </div>
36            </div>
37        </div>
38    </div>
39 @endsection

```

5. resources/views/components/contact-form.blade.php Isi dengan Code Berikut:

```

1  @props(['theme' => 'light', 'departments' => []])
2
3  <div class="card {{ $theme === 'dark' ? 'bg-dark border-light' : '' }} h-100">
4      <div class="card-header">
5          <h5>Form Kontak</h5>
6      </div>
7      <div class="card-body">
8          <form>
9              <div class="mb-3">
10                 <label class="form-label">Nama Lengkap</label>
11                 <input type="text" class="form-control {{ $theme === 'dark' ? 'bg-dark text-light border-light' : '' }}" placeholder="Masukkan nama Anda">
12             </div>
13
14             <div class="mb-3">
15                 <label class="form-label">Email</label>
16                 <input type="email" class="form-control {{ $theme === 'dark' ? 'bg-dark text-light border-light' : '' }}" placeholder="nama@example.com">
17             </div>
18
19             <div class="mb-3">
20                 <label class="form-label">Department</label>
21                 <select class="form-select {{ $theme === 'dark' ? 'bg-dark text-light border-light' : '' }}">
22                     <option selected>Pilih department...</option>
23                     @foreach($departments as $dept)
24                         <option value="{{ $dept }}">{{ $dept }}</option>
25                     @endforeach
26                 </select>
27             </div>
28
29             <div class="mb-3">
30                 <label class="form-label">Pesan</label>
31                 <textarea class="form-control {{ $theme === 'dark' ? 'bg-dark text-light border-light' : '' }}" rows="4" placeholder="Tulis pesan Anda..."></textarea>
32             </div>
33
34             <button type="submit" class="btn btn-primary">Kirim Pesan</button>
35          </form>
36      </div>
37 </div>

```

6. resources/views/profile.blade.php Isi Dengan Code Berikut:

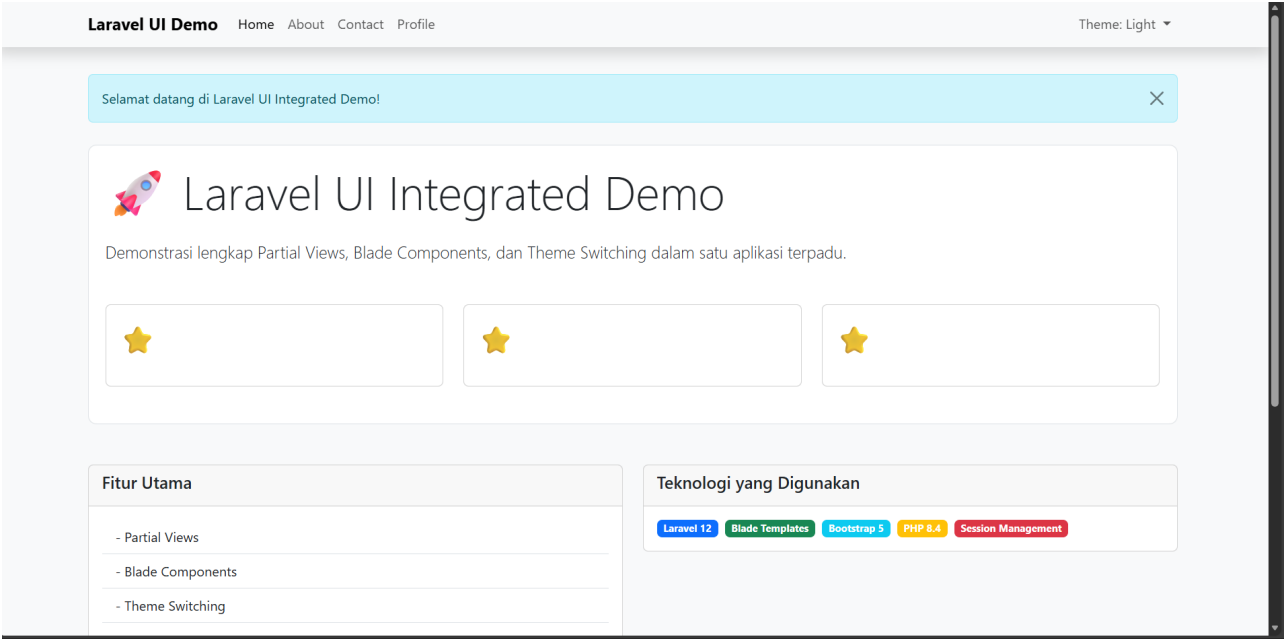
```

1  @extends('layouts.app')
2
3  @section('title', 'Profile - Theme Demo')
4
5  @section('content')
6      <div class="row">
7          <div class="col-12">
8              <div class="theme-demo {{ $theme === 'dark' ? 'bg-dark border-light' : '' }}">
9                  <h1 class="mb-4">Profile - Theme Demo</h1>
10                 <p class="lead">Halaman ini menunjukkan implementasi <strong>Theme Demo</strong>
11             </div>
12
13             <div class="row">
14                 <div class="col-md-4">
15                     <div class="card {{ $theme === 'dark' ? 'bg-dark border-light' : '' }}">
16                         <div class="card-body">
17                             <div class="mb-3">
18                                 <span class="fs-1">👤</span>
19                             </div>
20                             <h4>{{ $user['name'] }}</h4>
21                             <p class="text-muted">{{ $user['email'] }}</p>
22                             <p class="text-muted">Bergabung: {{ date('d M Y', strtotime($user['created_at'])) }}</p>
23                         </div>
24                     </div>
25
26                     <div class="col-md-8">
27                         <div class="card {{ $theme === 'dark' ? 'bg-dark border-light' : '' }}">
28                             <div class="card-header">
29                                 <h5>Preferensi Pengguna</h5>
30                             </div>
31                             <div class="card-body">
32                                 <h6>Theme Saat Ini:</h6>
33                                 <div class="alert alert-{{ $theme === 'dark' ? 'dark' : 'light' }}">
34                                     <span class="me-2 fs-4">{{ $theme === 'dark' ? '🌙' : '☀️' }}</span>
35                                     <div>
36                                         <strong>Mode {{ ucfirst($theme) }}</strong>
37                                         @if($theme === 'dark')
38                                             Nyaman di malam hari dan mengurangi keteg
39                                         @else
40                                             Cerah dan jelas, cocok untuk siang hari.
41                                         @endif
42                                     </div>
43                                 </div>
44
45                                 <h6>Preferensi Lainnya:</h6>
46                                 <div class="d-flex flex-wrap gap-2">
47                                     @foreach($user['preferences'] as $pref)
48                                         <span class="badge bg-secondary">{{ $pref }}</span>
49                                     @endforeach
50                                 </div>
51
52                                 <div class="mt-4">
53                                     <h6>Ubah Tema:</h6>
54                                     <div class="btn-group" role="group">
55                                         <a href="{{ route('switch-theme', 'light') }}">
56                                             <span class="btn btn-{{ $theme === 'light' ? 'primary' : 'secondary' }}">
57                                                 Light Mode
58                                             </span>
59                                         <a href="{{ route('switch-theme', 'dark') }}">
60                                             <span class="btn btn-{{ $theme === 'dark' ? 'primary' : 'secondary' }}">
61                                                 Dark Mode
62                                             </span>
63                                         </a>
64                                     </div>
65                                 </div>
66                             </div>
67                         </div>
68                     </div>
69                 </div>
70             </div>
71          </div>
72      @endsection
73

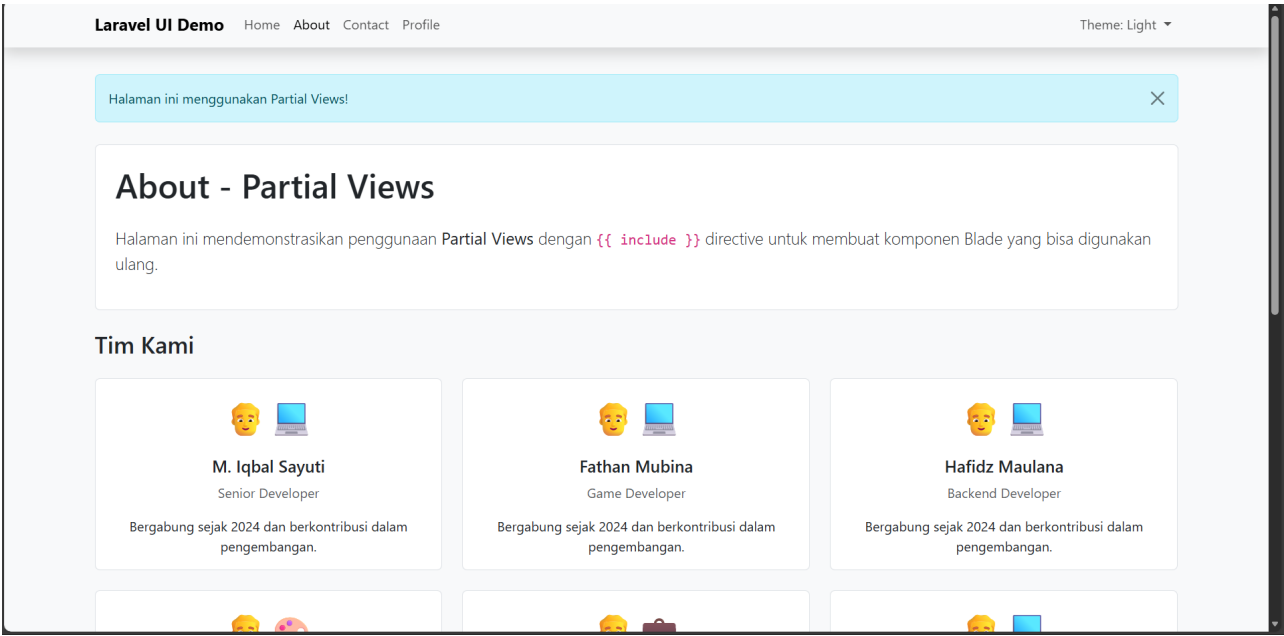
```

Langkah 9: Jalankan Dan Test Aplikasi Jalankan php artisan serve di Terminal Kemudian Buka Browser Dan kunjungi: Home: <http://127.0.0.1:8000> about: <http://127.0.0.1:8000/about> Contact: <http://127.0.0.1:8000/contact> Profile: <http://127.0.0.1:8000/profile> Berikut Gambar hasilnya

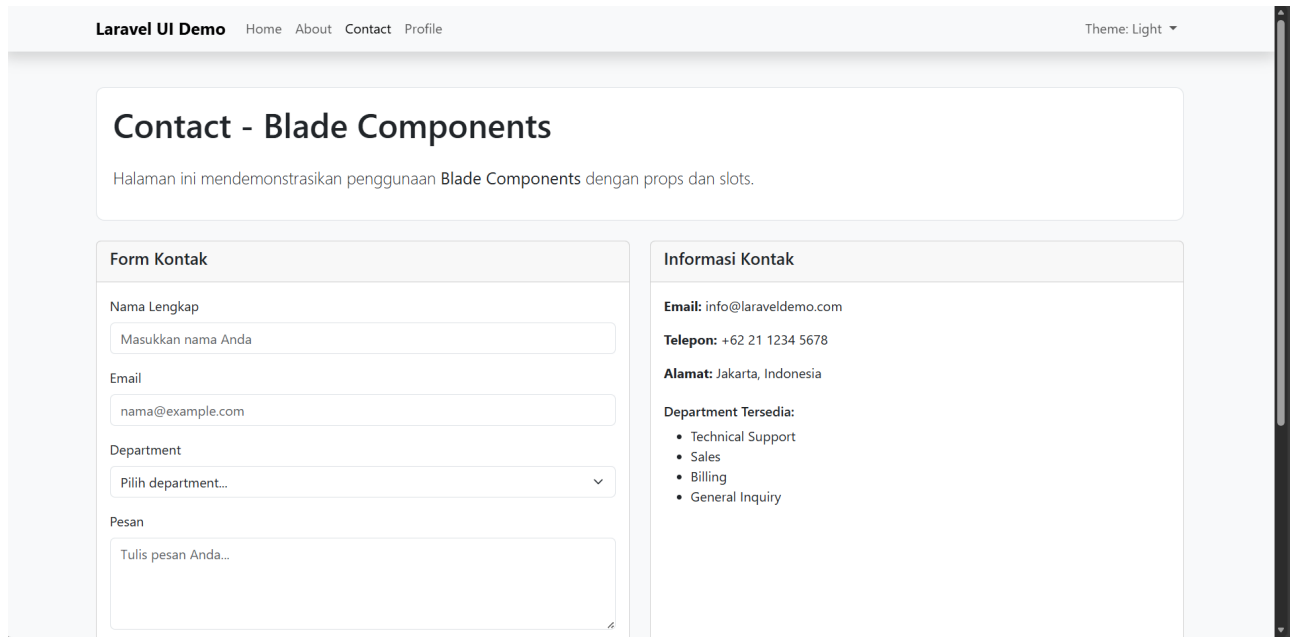
• Hasil Home:



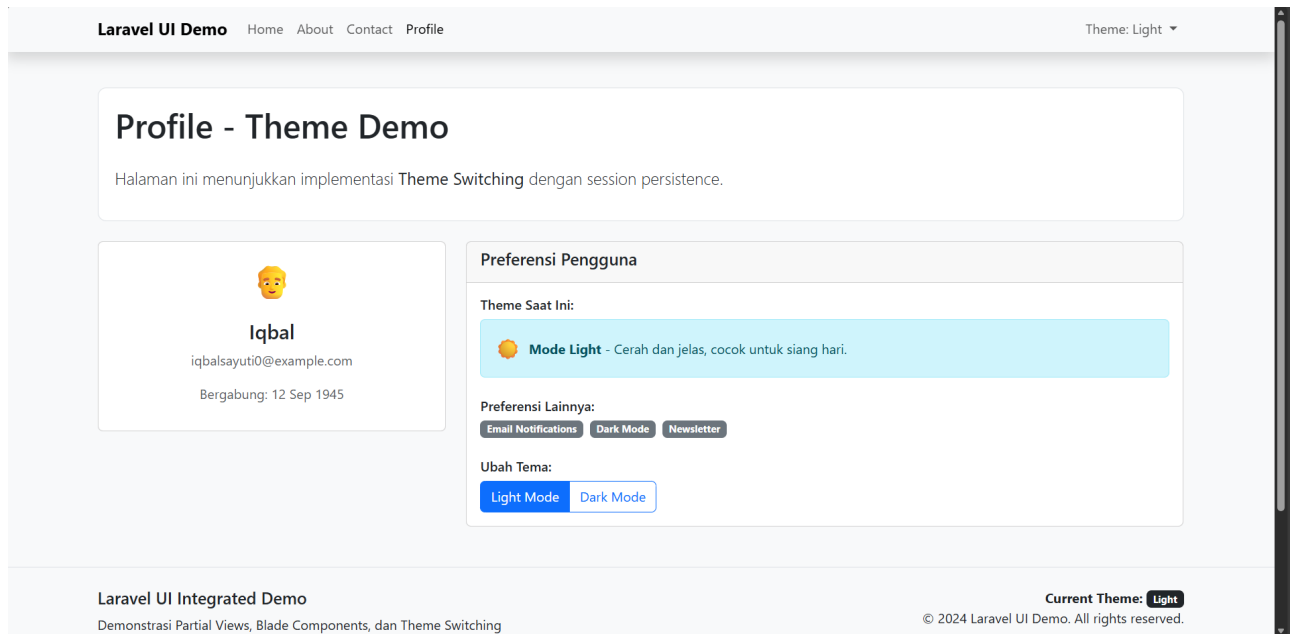
• Hasil About:



- Hasil Contact:



- Hasil Profile:



3. Hasil dan Pembahasan

Pada Praktikum 4 ini, Anda telah berhasil:

- Membangun aplikasi Laravel dengan beberapa halaman (multiple pages).
- Menerapkan Partial Views menggunakan direktif `@include`.
- Membuat dan memanfaatkan Blade Components dengan props dan slots.
- Mengembangkan sistem Theme Switching dengan session persistence.
- Menggunakan Bootstrap 5 untuk mendukung tampilan yang responsif.
- Melakukan perbandingan langsung antara partial views dan components.
- Menerapkan best practices dalam penyusunan struktur view di Laravel.

Hasil praktikum ini menunjukkan bahwa ketiga konsep — partial views, Blade components, dan theme switching — dapat diterapkan secara terpadu dalam satu proyek yang terstruktur, kohesif, dan mudah

dikelola.

4. Kesimpulan

Dari praktikum ini dapat disimpulkan bahwa Blade Template Engine merupakan elemen penting dalam framework Laravel yang berperan dalam memisahkan logika dan tampilan aplikasi. Beberapa poin utama yang dipelajari antara lain:

- Blade memudahkan pembuatan tampilan dinamis dengan sintaks yang sederhana dan mudah dipahami.
- Penggunaan layout dan inheritance mempercepat pembuatan halaman dengan struktur yang konsisten.
- Partial view dan component membantu meningkatkan efisiensi serta menjaga konsistensi kode tampilan.
- Integrasi dengan Bootstrap membuat tampilan aplikasi lebih menarik dan responsif.

Secara keseluruhan, praktikum ini memperkuat pemahaman mahasiswa mengenai pentingnya arsitektur yang terstruktur dalam pengembangan aplikasi web modern menggunakan Laravel.

5. Referensi

- chatgpt.com
 - <https://hackmd.io/@mohdrzu/r1AIUzWpII#Praktikum-4---Partial-Views-Blade-Components-dan-Theme-Switching-di-Laravel-12> <https://laravel.com/docs>
-