

Laporan Modul 4: Laravel Blade Template Engine

Mata Kuliah: Workshop Web Lanjut

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Abstrak

Laporan ini membahas hasil praktikum dari **Modul 4: Laravel Blade Template Engine** pada mata kuliah *Workshop Web Lanjut*. Tujuan dari modul ini adalah agar mahasiswa memahami cara kerja Blade sebagai template engine Laravel yang digunakan untuk mengatur tampilan agar lebih efisien, dinamis, dan mudah dikelola.

Melalui serangkaian praktikum, mahasiswa mempelajari bagaimana meneruskan data ke view, menggunakan struktur kontrol Blade, membuat layout dengan pewarisan tampilan, hingga menerapkan konsep *partial views*, *Blade components*, dan *theme switching* menggunakan Bootstrap.

1. Dasar Teori

- **Pengertian Blade**

Blade adalah *template engine* bawaan Laravel yang digunakan untuk membuat tampilan secara dinamis dengan sintaks sederhana. Blade memungkinkan penggunaan ekspresi PHP, struktur kontrol, layout, dan komponen dalam format yang bersih.

- **Struktur Dasar Blade**

Blade menggunakan ekstensi `.blade.php`. Data dikirim dari controller ke view melalui fungsi `view()` dan ditampilkan di view menggunakan ekspresi `{{ $variable }}`.

- **Struktur Kontrol Blade**

Blade menyediakan direktif seperti `@if`, `@foreach`, `@forelse`, `@isset`, dan `@switch` yang digunakan untuk mengatur kondisi dan perulangan di dalam view.

- **Layout dan Section**

Untuk menghindari pengulangan kode, Blade menggunakan konsep layout dan section.

- **Partial dan Components**

- *Partial view*: digunakan untuk menyertakan potongan HTML seperti header, navbar, atau footer dengan `@include()`.
- *Blade component*: digunakan untuk membuat UI yang dapat digunakan ulang seperti `<x-alert>` atau `<x-footer>`.

2. Langkah-Langkah Praktikum

2.1 Praktikum 1 — Meneruskan Data dari Controller ke Blade View

Langkah-langkah:

1. Buat proyek baru

```
adhag@Adhagusti MINGW64 /c/web_lanjut/web-lanjut-2024573010009/projects (main)
$ laravel new modul-4-blade-view
```

2. Buat controller

```
adhag@Adhagusti MINGW64 /c/web_lanjut/web-lanjut-2024573010009/projects/modul-4-blade-view (main)
$ php artisan make:controller DasarBladeController

[INFO] Controller [C:\web_lanjut\web-lanjut-2024573010009\projects\modul-4-blade-view\app\Http\Controllers\DasarBladeController.php] created successfully.
```

3. Tambahkan route di routes/web.php

```
use App\Http\Controllers\DasarBladeController;
use App\Http\Controllers\LogicController;
use App\Http\Controllers\PageController;

Route::get('/dasar', [DasarBladeController::class, 'showData']);
```

4. Isi controller dengan data

```
class DasarBladeController extends Controller
{
    public function showData()
    {
        $name = 'Devi';
        $fruits = ['Apple', 'Banana', 'Cherry'];
        $user = [
            'name' => 'Eva',
            'email' => 'eva@ilmudata.id',
            'is_active' => true,
        ];
        $product = (object) [
            'id' => 1,
            'name' => 'Laptop',
            'price' => 12000000
        ];

        return view('dasar', compact('name', 'fruits', 'user', 'product'))
    }
}
```

5. Buat file `resources/views/dasar.blade.php` untuk menampilkan data

```
<!DOCTYPE html>
<html>
<head>
    <title>Data Passing Demo</title>
</head>
<body>
    <h1>Passing Data to Blade View</h1>

    <h2>String</h2>
    <p>Name: {{ $name }}</p>

    <h2>Array</h2>
    <ul>
        @foreach ($fruits as $fruit)
            <li>{{ $fruit }}</li>
        @endforeach
    </ul>

    <h2>Associative Array</h2>
    <p>Name: {{ $user['name'] }}</p>
    <p>Email: {{ $user['email'] }}</p>
    <p>Status: {{ $user['is_active'] ? 'Active' : 'Inactive' }}</p>

    <h2>Object</h2>
    <p>ID: {{ $product->id }}</p>
    <p>Product: {{ $product->name }}</p>
    <p>Price: Rp{{ number_format($product->price, 0, ',', '.') }}</p>
</body>
</html>
```

Hasil Pengujian:

- <http://127.0.0.1:8000/dasar> → menampilkan **data string, array, associative array, dan object**



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

Langkah-langkah:

1. Buat controller baru

```
adhag@Adhagusti MINGW64 /c/web_lanjut/web-lanjut-2024573010009/projects/modul-4-blade-view (main)
$ php artisan make:controller LogicController

[INFO] Controller [C:\web_lanjut\web-lanjut-2024573010009\projects\modul-4-blade-view\app\Http\Controllers\LogicController.php] created successfully.
```

2. Tambahkan route di routes/web.php

```
use App\Http\Controllers\LogicController;
use App\Http\Controllers\PageController;

Route::get('/dasar', [DasarBladeController::class, 'showData']);
Route::get('/logic', [LogicController::class, 'show']);
```

3. Isi controller dengan data logika dan array

```
class LogicController extends Controller
{
    public function show()
    {
        $isLoggedIn = true;
        $users = [
            ['name' => 'Marcel', 'role' => 'admin'],
            ['name' => 'Thariq', 'role' => 'editor'],
            ['name' => 'Ellian', 'role' => 'subscriber'],
        ];
        $products = []; // Simulasi array kosong untuk @forelse
        $profile = [
            'name' => 'Thariq',
            'email' => 'thariq@ilmudata.id'
        ];
        $status = 'active';

        return view('logic', compact('isLoggedIn', 'users', 'products', 'profile', 'status'));
    }
}
```

4. Buat file `resources/views/logic.blade.php` untuk menampilkan hasil kondisi Blade

```
<!DOCTYPE html>
<html>
<head>
    <title>Blade Logic Demo</title>
</head>
<body>
    <h1>Blade Control Structures Demo</h1>

    <h2>1. if / else</h2>
    @if ($isLoggedIn)
        <p>Welcome back, user!</p>
    @else
        <p>Please log in.</p>
    @endif

    <h2>2. foreach</h2>
    <ul>
        @foreach ($users as $user)
            <li>{{ $user['name'] }} - Role: {{ $user['role'] }}</li>
        @endforeach
    </ul>

    <h2>3. forelse</h2>
    @forelse ($products as $product)
        <p>{{ $product }}</p>
    @empty
        <p>No products found.</p>
    @endforelse

    <h2>4. isset</h2>
    @isset($profile['email'])
        <p>User Email: {{ $profile['email'] }}</p>
    @endisset

    <h2>5. empty</h2>
    @empty($profile['phone'])
        <p>No phone number available.</p>
    @endempty

    <h2>6. switch</h2>
    @switch($status)
        @case('active')
            <p>Status: Active</p>
            @break
        @case('inactive')
            <p>Status: Inactive</p>
            @break
        @default
            <p>Status: Unknown</p>
    @endswitch
</body>
</html>
```

Hasil Pengujian:

- <http://127.0.0.1:8000/logic> → menampilkan:
 - Pesan sambutan: **Welcome back, user!**
 - Daftar user dengan role masing-masing
 - Pesan *No products found* untuk array kosong
 - Email pengguna dari `$profile`
 - Pesan *No phone number available* jika tidak ada data

- Status pengguna: **Active**



Blade Control Structures Demo

1. if / else

Welcome back, user!

2. foreach

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

3. forelse

No products found.

4. isset

User Email: thariq@ilmudata.id

5. empty

No phone number available.

6. switch

Status: Active

2.3 Praktikum 3 — Layout dan Personalisasi (Blade + Bootstrap)

Langkah-langkah:

1. Buat controller baru

```
adhag@Adhagusti MINGW64 /c/web_lanjut/web-lanjut-2024573010009/projects/modul-4-blade-view (main)
$ php artisan make:controller PageController

[INFO] Controller [C:\web_lanjut\web-lanjut-2024573010009\projects\modul-4-blade-view\app\Http\Controllers\PageController.php] created successfully.
```

2. Tambahkan route `/admin` dan `/user`

```
use App\Http\Controllers\PageController;

Route::get('/dasar', [DasarBladeController::class, 'showData']);
Route::get('/logic', [LogicController::class, 'show']);
Route::get('/admin', [PageController::class, 'admin']);
Route::get('/user', [PageController::class, 'user']);
```

3. Tambahkan data role dan username di controller

```
class PageController extends Controller
{
    public function admin()
    {
        $role = 'admin';
        $username = 'Yamato Admin';
        return view('admin.dashboard', compact('role', 'username'));
    }

    public function user()
    {
        $role = 'user';
        $username = 'Liu User';
        return view('user.dashboard', compact('role', 'username'));
    }
}
```

4. Buat layout utama `layouts/app.blade.php`

```
<!DOCTYPE html>
<html>
<head>
    <title>@yield('title') | Layout and Personalization</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet">
</head>
<body>
    <nav class="navbar navbar-expand-lg navbar-dark bg-dark mb-4">
        <div class="container">
            <a class="navbar-brand" href="#">Layout and Personalization</a>
            <div class="collapse navbar-collapse">
                <ul class="navbar-nav ms-auto">
                    <li class="nav-item">
                        <span class="nav-link active">Welcome, {{ $username }}</span>
                    </li>
                </ul>
            </div>
        </div>
    </nav>

    <div class="container">
        @if ($role === 'admin')
            <div class="alert alert-info">Admin Access Granted</div>
        @elseif ($role === 'user')
            <div class="alert alert-success">User Area</div>
        @endif

        @yield('content')
    </div>

    <footer class="bg-light text-center mt-5 p-3 border-top">
        <p class="mb-0">&copy; 2025 Layout and Personalization. All rights reserved.</p>
    </footer>

    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>
</body>
</html>
```

5. Buat view `admin/dashboard.blade.php` dan `user/dashboard.blade.php`

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

@section('title', 'Admin Dashboard')

@section('content')
    <h2 class="mb-4">Admin Dashboard</h2>
    <div class="list-group">
        <a href="#" class="list-group-item list-group-item-action">Manage Users</a>
        <a href="#" class="list-group-item list-group-item-action">Site Settings</a>
        <a href="#" class="list-group-item list-group-item-action">System Logs</a>
    </div>
@endsection
```

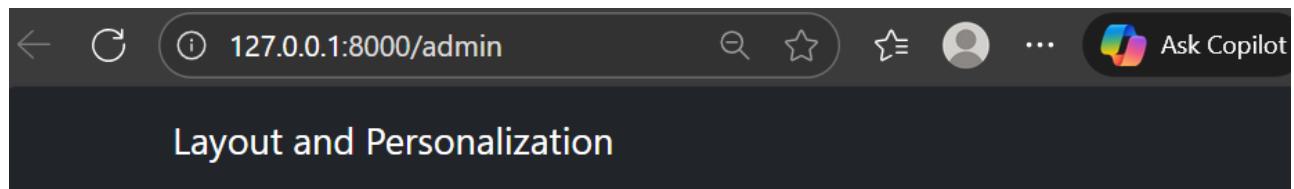
```
@extends('layouts.app')

@section('title', 'User Dashboard')

@section('content')
    <h2 class="mb-4">User Dashboard</h2>
    <p>Welcome to your dashboard, {{ $username }}!</p>
    <div class="list-group">
        <a href="#" class="list-group-item list-group-item-action">View Profile</a>
        <a href="#" class="list-group-item list-group-item-action">Edit Settings</a>
        <a href="#" class="list-group-item list-group-item-action">Logout</a>
    </div>
@endsection
```

Hasil Pengujian:

- <http://127.0.0.1:8000/admin> → menampilkan **halaman admin** dengan pesan *Admin Access Granted*



Admin Dashboard

Manage Users

Site Settings

System Logs

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- <http://127.0.0.1:8000/user> → menampilkan **halaman user** dengan pesan *User Area*

2.4 Praktikum 4 — Partial Views, Blade Components, dan Theme Switching

Langkah-langkah:

1. Buat controller baru **UIController**

```
adhag@Adhagusti MINGW64 /c/web_lanjut/web-lanjut-2024573010009/projects/modul-4-laravel-ui (main)
$ php artisan make:controller UIController

[INFO] Controller [C:\web_lanjut\web-lanjut-2024573010009\projects\modul-4-laravel-ui\app\Http\Controllers\UIController.php] created successfully.
```

2. Tambahkan route ke halaman utama, about, contact, profile, serta /switch-theme/{theme}

```
use Illuminate\Support\Facades\Route;
use App\Http\Controllers\UIController;

Route::get('/', [UIController::class, 'home'])->name('home');
Route::get('/about', [UIController::class, 'about'])->name('about');
Route::get('/contact', [UIController::class, 'contact'])->name('contact');
Route::get('/profile', [UIController::class, 'profile'])->name('profile');
Route::get('/switch-theme/{theme}', [UIController::class, 'switchTheme'])->name('switch-theme');
```

3. isi controllernya **app/Http/Controllers/UIController.php**:

```
<?php
```

```
namespace App\Http\Controllers;

use Illuminate\Http\Request;

class UIController extends Controller
{
    public function home(Request $request)
    {
        $theme = session('theme', 'light');
        $alertMessage = 'Selamat datang di Laravel UI Integrated Demo!';
        $features = ['Partial Views', 'Blade Components', 'Theme Switching', 'Bootstrap 5', 'Responsive Design'];
        return view('home', compact('theme', 'alertMessage', 'features'));
    }

    public function about(Request $request)
    {
        $theme = session('theme', 'light');
        $alertMessage = 'Halaman ini menggunakan Partial Views!';
        $team = [
            ['name' => 'Ahmad', 'role' => 'Developer'],
            ['name' => 'Sari', 'role' => 'Designer'],
            ['name' => 'Budi', 'role' => 'Project Manager']
        ];
        return view('about', compact('theme', 'alertMessage', 'team'));
    }

    public function contact(Request $request)
    {
        $theme = session('theme', 'light');
        $departments = ['Technical Support', 'Sales', 'Billing', 'General Inquiry'];
        return view('contact', compact('theme', 'departments'));
    }

    public function profile(Request $request)
    {
        $theme = session('theme', 'light');
        $user = [
            'name' => 'John Doe',
            'email' => 'john.doe@example.com',
            'join_date' => '2024-01-15',
            'preferences' => ['Email Notifications', 'Dark Mode', 'Newsletter']
        ];
        return view('profile', compact('theme', 'user'));
    }

    public function switchTheme($theme, Request $request)
    {
        if (in_array($theme, ['light', 'dark'])) {
            session(['theme' => $theme]);
        }
        return back();
    }
}
```

```
    }
}
```

4. Buat Layout Utama (Theme Support). Buat `resources/views/layouts/app.blade.php`:

```
<!DOCTYPE html>
<html lang="id" data-bs-theme="{{ $theme }}>
<head>
<meta charset="UTF-8" />
<meta name="viewport" content="width=device-width, initial-scale=1.0" />
<title>@yield('title', 'Laravel UI Integrated Demo')</title>
<link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
rel="stylesheet" />
<style>
body { padding-top:4rem; transition:.3s; min-height:100vh; }
.theme-demo { border-radius:10px; padding:20px; margin:10px 0;
transition:.3s; }
.feature-card { transition:transform .2s; }
.feature-card:hover { transform:translateY(-5px); }
</style>
</head>
<body class="{{ $theme === 'dark' ? 'bg-dark text-light' : 'bg-light text-dark' }}>
@include('partials.navigation')

<div class="container mt-4">
@if(isset($alertMessage) && !empty($alertMessage))
    @include('partials.alert', ['message' => $alertMessage, 'type' =>
'info'])
@endif

    @yield('content')
</div>

<x-footer :theme="$theme" />

<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"></script>
<script>
    document.addEventListener('DOMContentLoaded', function() {
        const themeLinks = document.querySelectorAll('a[href*="switch-theme"]');
        themeLinks.forEach(link => link.addEventListener('click', e => {
            e.preventDefault(); window.location.href = link.href;
        }));
    });
</script>
</body>
</html>
```

5. Buat Partial Views** resources/views/partials/navigation.blade.php:

```
<nav class="navbar navbar-expand-lg {{ $theme === 'dark' ? 'navbar-dark bg-dark' : 'navbar-light bg-light' }} fixed-top shadow">
<div class="container">
    <a class="navbar-brand fw-bold" href="{{ route('home') }}">Laravel UI Demo</a>

    <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav">
        <span class="navbar-toggler-icon"></span>
    </button>

    <div class="collapse navbar-collapse" id="navbarNav">
        <ul class="navbar-nav me-auto">
            <li class="nav-item"><a class="nav-link {{ request()->routeIs('home') ? 'active' : '' }}" href="{{ route('home') }}">Home</a></li>
            <li class="nav-item"><a class="nav-link {{ request()->routeIs('about') ? 'active' : '' }}" href="{{ route('about') }}">About</a></li>
            <li class="nav-item"><a class="nav-link {{ request()->routeIs('contact') ? 'active' : '' }}" href="{{ route('contact') }}">Contact</a></li>
            <li class="nav-item"><a class="nav-link {{ request()->routeIs('profile') ? 'active' : '' }}" href="{{ route('profile') }}">Profile</a></li>
        </ul>

        <ul class="navbar-nav">
            <li class="nav-item dropdown">
                <a class="nav-link dropdown-toggle" href="#" role="button" data-bs-toggle="dropdown">
                    Theme: {{ ucfirst($theme) }}
                </a>
                <ul class="dropdown-menu dropdown-menu-end">
                    <li><a class="dropdown-item" href="{{ route('switch-theme','light') }}">Light Mode</a></li>
                    <li><a class="dropdown-item" href="{{ route('switch-theme','dark') }}">Dark Mode</a></li>
                </ul>
            </li>
        </ul>
    </div>
</div>
</nav>
```

resources/views/partials/alert.blade.php:

```
@if(!empty($message))
<div class="alert alert-{{ $type ?? 'info' }} alert-dismissible fade show"
```

```

role="alert">
{{ $message }}
<button type="button" class="btn-close" data-bs-dismiss="alert"></button>
</div>
@endif

```

6. Buat Blade Components Buat komponen:

```

php artisan make:component Footer
php artisan make:component FeatureCard
php artisan make:component TeamMember
php artisan make:component ContactForm

```

[resources/views/components/footer.blade.php](#):

```

<footer class="mt-5 py-4 border-top {{ $theme === 'dark' ? 'border-secondary' : '' }}>
<div class="container">
    <div class="row">
        <div class="col-md-6">
            <h5>Laravel UI Integrated Demo</h5>
            <p class="mb-0">Demonstrasi Partial Views, Blade Components, dan Theme Switching</p>
        </div>
        <div class="col-md-6 text-md-end">
            <p class="mb-0"><strong>Current Theme:</strong>
                <span class="badge {{ $theme === 'dark' ? 'bg-primary' : 'bg-dark' }}>{{ ucfirst($theme) }}</span>
            </p>
            <p class="mb-0">&copy; 2024 Laravel UI Demo. All rights reserved.</p>
        </div>
    </div>
</div>
</footer>

```

[resources/views/components/feature-card.blade.php](#):

```

<div class="card feature-card h-100 {{ $theme === 'dark' ? 'bg-secondary text-white' : '' }}>
<div class="card-body">
    <div class="d-flex align-items-center mb-3">
        <span class="fs-2 me-3">{{ $icon ?? '★' }}</span>
        <h5 class="card-title mb-0">{{ $title }}</h5>
    </div>
    <p class="card-text">{{ $description }}</p>
    @if(isset($badge))
        <span class="badge {{ $theme === 'dark' ? 'bg-light text-dark' : 'bg-' }}>{{ $badge }}</span>
    </div>
</div>

```

```
dark' }}">{{ $badge }}</span>
@endif
</div>
</div>
```

resources/views/components/team-member.blade.php:

```
<div class="col-md-4 mb-4">
<div class="card {{ $theme === 'dark' ? 'bg-dark border-light' : '' }} h-100">
    <div class="card-body text-center">
        <div class="mb-3"><span class="fs-1">{{ $avatar ?? '👤' }}</span>
    </div>
        <h5 class="card-title">{{ $name }}</h5>
        <p class="card-text text-muted">{{ $role }}</p>
        <p class="card-text">{{ $description }}</p>
    </div>
</div>
</div>
```

resources/views/components/contact-form.blade.php:

```
<div class="card {{ $theme === 'dark' ? 'bg-dark border-light' : '' }} h-100">
<div class="card-header"><h5>Form Kontak</h5></div>
<div class="card-body">
    <form>
        <div class="mb-3">
            <label class="form-label">Nama Lengkap</label>
            <input type="text" class="form-control {{ $theme === 'dark' ? 'bg-dark text-light border-light' : '' }}" placeholder="Masukkan nama Anda">
        </div>
        <div class="mb-3">
            <label class="form-label">Email</label>
            <input type="email" class="form-control {{ $theme === 'dark' ? 'bg-dark text-light border-light' : '' }}" placeholder="nama@example.com">
        </div>
        <div class="mb-3">
            <label class="form-label">Department</label>
            <select class="form-select {{ $theme === 'dark' ? 'bg-dark text-light border-light' : '' }}>
                <option selected>Pilih department...</option>
                @foreach($departments as $dept)
                    <option value="{{ $dept }}>{{ $dept }}</option>
                @endforeach
            </select>
        </div>
        <div class="mb-3">
            <label class="form-label">Pesan</label>
```

```

        <textarea class="form-control {{ $theme === 'dark' ? 'bg-dark text-light border-light' : '' }}" rows="4" placeholder="Tulis pesan Anda...">
    </textarea>
    </div>
    <button type="submit" class="btn btn-primary">Kirim Pesan</button>
</form>
</div>
</div>

```

7. Buat Main Views [resources/views/home.blade.php](#):

```

@extends('layouts.app')
@section('title', 'Home - Integrated Demo')

@section('content')


# ⚡ Laravel UI Integrated Demo



Demonstrasi lengkap Partial Views, Blade Components, dan Theme Switching.



<x-feature-card title="Partial Views" icon="📁" description="Gunakan @include untuk komponen sederhana." badge="Latihan 13" />



<x-feature-card title="Blade Components" icon="⚙️" description="Komponen dengan props & slots." badge="Latihan 14" />



<x-feature-card title="Theme Switching" icon="⌚" description="Light/Dark mode via session." badge="Latihan 15" />


```

[resources/views/about.blade.php](#):

```

@extends('layouts.app')
@section('title', 'About - Partial Views Demo')

@section('content')

```

```

<div class="col-12">
    <div class="theme-demo {{ $theme === 'dark' ? 'bg-dark border-light' :
'bg-white border' }} mb-4">
        <h1 class="mb-4">About - Partial Views</h1>
        <p class="lead">Menggunakan <code>@include</code> untuk potongan UI
berulang.</p>
    </div>

    <h3 class="mb-4">Tim Kami</h3>
    <div class="row">
        @foreach($team as $member)
        <x-team-member
            :name="$member['name']"
            :role="$member['role']"
            :theme="$theme"
            :avatar="['👨‍💻', '👩‍💻', '💼'][$loop->index]"
            :description="'Bergabung sejak 2024 dan aktif berkontribusi.'"
        />
        @endforeach
    </div>

    @include('partials.team-stats', ['theme' => $theme])
</div>
</div>
@endsection

```

resources/views/partials/team-stats.blade.php:

```

<div class="card {{ $theme === 'dark' ? 'bg-dark border-light' : '' }} mt-
4">
    <div class="card-header"><h5>Statistik Tim</h5></div>
    <div class="card-body">
        <div class="row text-center">
            <div class="col-md-3"><h3>3</h3><p class="text-muted">Anggota</p>
        </div>
            <div class="col-md-3"><h3>12+</h3><p class="text-muted">Proyek</p>
        </div>
            <div class="col-md-3"><h3>95%</h3><p class="text-muted">Kepuasan</p>
        </div>
            <div class="col-md-3"><h3>2+</h3><p class="text-muted">Tahun</p></div>
        </div>
    </div>
</div>

```

resources/views/contact.blade.php:

```

@extends('layouts.app')
@section('title', 'Contact - Components Demo')

```

```
@section('content')
<div class="row">
<div class="col-12">
    <div class="theme-demo {{ $theme === 'dark' ? 'bg-dark border-light' : 'bg-white border' }} mb-4">
        <h1 class="mb-4">Contact - Blade Components</h1>
        <p class="lead">Form kontak sebagai komponen Blade (props & pengisian dinamis).</p>
    </div>

    <div class="row">
        <div class="col-md-6">
            <x-contact-form :theme="$theme" :departments="$departments" />
        </div>
        <div class="col-md-6">
            <div class="card {{ $theme === 'dark' ? 'bg-dark border-light' : '' }} h-100">
                <div class="card-header"><h5>Informasi Kontak</h5></div>
                <div class="card-body">
                    <p><strong>Email:</strong> info@laraveldemo.com</p>
                    <p><strong>Telepon:</strong> +62 21 1234 5678</p>
                    <p><strong>Alamat:</strong> Jakarta, Indonesia</p>
                    <h6 class="mt-4">Department Tersedia:</h6>
                    <ul>
                        @foreach($departments as $dept)
                            <li>{{ $dept }}</li>
                        @endforeach
                    </ul>
                </div>
            </div>
        </div>
    </div>
</div>
</div>
@endsection
```

resources/views/profile.blade.php:

```
@extends('layouts.app')
@section('title','Profile - Theme Demo')

@section('content')
<div class="row">
<div class="col-12">
    <div class="theme-demo {{ $theme === 'dark' ? 'bg-dark border-light' : 'bg-white border' }} mb-4">
        <h1 class="mb-4">Profile - Theme Demo</h1>
        <p class="lead">Contoh *theme switching* dengan penyimpanan preferensi di session.</p>
    </div>
</div>
</div>
```

```
<div class="row">
    <div class="col-md-4">
        <div class="card {{ $theme === 'dark' ? 'bg-dark border-light' : '' }} text-center">
            <div class="card-body">
                <div class="mb-3"><span class="fs-1">👤</span></div>
                <h4>{{ $user['name'] }}</h4>
                <p class="text-muted">{{ $user['email'] }}</p>
                <p class="text-muted">Bergabung: {{ date('d M Y', strtotime($user['join_date'])) }}</p>
            </div>
        </div>
    </div>

    <div class="col-md-8">
        <div class="card {{ $theme === 'dark' ? 'bg-dark border-light' : '' }}">
            <div class="card-header"><h5>Preferensi Pengguna</h5></div>
            <div class="card-body">
                <h6>Theme Saat Ini:</h6>
                <div class="alert alert-{{ $theme === 'dark' ? 'dark' : 'info' }} d-flex align-items-center">
                    <span class="me-2 fs-4">{{ $theme === 'dark' ? '🌙' : '☀️' }}</span>
                <div>
                    <strong>Mode {{ ucfirst($theme) }}</strong> -
                    @if($theme === 'dark') Nyaman di malam hari. @else Cerah untuk siang hari. @endif
                </div>
            </div>

            <h6 class="mt-4">Preferensi Lainnya:</h6>
            <div class="d-flex flex-wrap gap-2">
                @foreach($user['preferences'] as $pref)
                    <span class="badge bg-secondary">{{ $pref }}</span>
                @endforeach
            </div>

            <div class="mt-4">
                <h6>Ubah Tema:</h6>
                <div class="btn-group" role="group">
                    <a href="{{ route('switch-theme','light') }}" class="btn btn-{{ $theme === 'light' ? 'primary' : 'outline-primary' }}>Light Mode</a>
                    <a href="{{ route('switch-theme','dark') }}" class="btn btn-{{ $theme === 'dark' ? 'primary' : 'outline-primary' }}>Dark Mode</a>
                </div>
            </div>
        </div>
    </div>
</div>
```

```
</div>
@endsection
```

Hasil Pengujian:

- <http://127.0.0.1:8000/> → menampilkan **halaman utama** dengan komponen *feature-card*

The screenshot shows the Laravel UI Integrated Demo homepage at <http://127.0.0.1:8000/>. The page features a header with the title "Laravel UI Integrated Demo" and navigation links for Home, About, Contact, and Profile. A theme switcher indicates "Theme: Light". Below the header is a prominent "Selamat datang di Laravel UI Integrated Demo!" message. The main content area contains a "Laravel UI Integrated Demo" section with a rocket icon, followed by a brief description: "Demonstrasi lengkap Partial Views, Blade Components, dan Theme Switching dalam satu aplikasi terpadu.". To the left is a "Fitur Utama" sidebar listing: - Partial Views, - Blade Components, - Theme Switching, - Bootstrap 5, and - Responsive Design. To the right is a "Teknologi yang Digunakan" sidebar listing: Laravel 12, Blade Templates, Bootstrap 5, PHP 8.4, and Session Management.

- <http://127.0.0.1:8000/about> → menampilkan **daftar anggota tim** dengan <x-team-member>

The screenshot shows the "About" page at <http://127.0.0.1:8000/about>. The header and theme switcher are identical to the homepage. The main content includes a message "Halaman ini menggunakan Partial Views!". Below it is an "About - Partial Views" section stating "Halaman ini mendemonstrasikan penggunaan Partial Views dengan @include directive". The "Tim Kami" section displays three team members in cards: Ahmad (Developer), Sari (Designer), and Budi (Project Manager). Each card includes a profile icon, name, role, and a brief bio. At the bottom is a "Statistik Tim" section with four metrics: 3 Anggota, 12+ Proyek, 95% Kepuasan, and 2+ Tahun.

- <http://127.0.0.1:8000/contact> → menampilkan **form kontak dan daftar departemen**

Laravel UI Demo Home About Contact Profile Theme: Light Ask Copilot

Contact - Blade Components

Halaman ini mendemonstrasikan penggunaan Blade Components dengan props dan slots.

Form Kontak

Nama Lengkap

Email

Department

Pesan

Kirim Pesan

Informasi Kontak

Email: info@laraveldemo.com
Telepon: +62 21 1234 5678
Alamat: Jakarta, Indonesia

Department Tersedia:

- Technical Support
- Sales
- Billing
- General Inquiry

- <http://127.0.0.1:8000/profile> → menampilkan **profil pengguna** dan tombol ganti tema

Laravel UI Demo Home About Contact Profile Theme: Light Ask Copilot

Profile - Theme Demo

Halaman ini menunjukkan implementasi **Theme Switching** dengan session persistence.

John Doe
john.doe@example.com
Bergabung: 15 Jan 2024

Preferensi Pengguna

Theme Saat Ini:

☀️ **Mode Light** - Cerah dan jelas, cocok untuk siang hari.

Preferensi Lainnya:

Email Notifications Dark Mode Newsletter

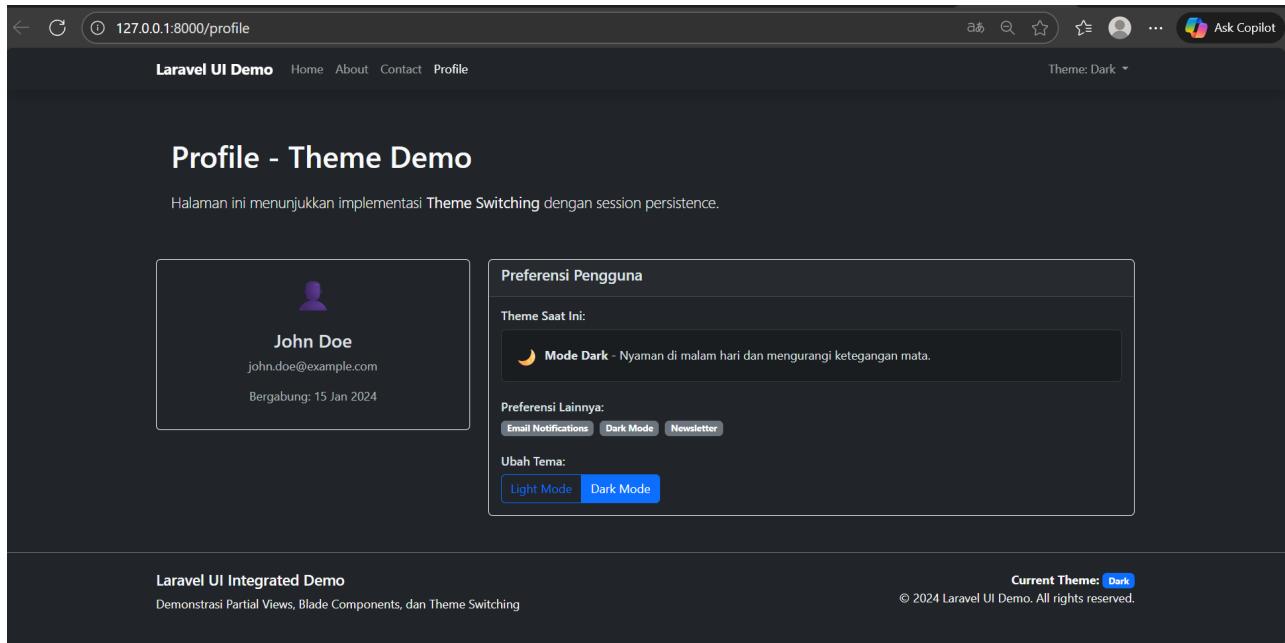
Ubah Tema:

Light Mode Dark Mode

Laravel UI Integrated Demo Current Theme: Light

Demonstrasi Partial Views, Blade Components, dan Theme Switching © 2024 Laravel UI Demo. All rights reserved.

- <http://127.0.0.1:8000/switch-theme/dark> → tema berubah menjadi **gelap** dan tersimpan di session



3. Hasil dan Pembahasan

Dari keempat praktikum di atas, Blade terbukti mampu mempermudah pembuatan tampilan web Laravel. Kami belajar bagaimana data dikirim dari controller, bagaimana kondisi dan loop diatur, serta bagaimana layout dan komponen dapat digunakan ulang. Praktikum terakhir juga memperlihatkan bahwa Blade dapat bekerja dengan session untuk personalisasi tema.

4. Kesimpulan

1. Blade merupakan fitur penting Laravel untuk membuat tampilan yang dinamis, efisien, dan mudah dikelola.
2. Data dapat dikirim dari controller ke view dalam berbagai bentuk.
3. Struktur kontrol Blade memisahkan logika tampilan dari logika bisnis.
4. Layout dan section memungkinkan penggunaan ulang struktur halaman.
5. Partial view dan Blade component mendukung pembuatan UI modular.
6. Theme switching membuktikan integrasi Blade dengan session Laravel berjalan baik.

5. Referensi

- Modul 4 - Laravel Blade Template Engine — <https://hackmd.io/@mohdrzu/r1AIUzWpII>
- Dokumentasi Resmi Laravel 12 — <https://laravel.com/docs/12.x/controllers>