

Laporan Praktikum Pemrograman Web Lanjut
Jobsheet 5: Blade View, Web Templating(AdminLTE), Datatables.



Oleh :

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Kelas SIB 2B / 05

PROGRAM STUDI D-IV SISTEM INFORMASI BISNIS JURUSAN
TEKNOLOGI INFORMASI
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Praktikum 1 – Integrasi Laravel dengan AdminLTE3

1. Dalam root folder project lakukan command berikut, untuk mendefinisikan requirement project.

```
PS E:\Aplik\laragon\www\Pemrograman_Web_Lanjut_2025\Minggu 5> composer require jeroennoten/laravel-adminlte
./composer.json has been updated
Running composer update jeroennoten/laravel-adminlte
Loading composer repositories with package information
Updating dependencies
Lock file operations: 2 installs, 0 updates, 0 removals
  - Locking almasaeed2010/adminlte (v3.2.0)
  - Locking jeroennoten/laravel-adminlte (v3.15.0)
Writing lock file
Installing dependencies from lock file (including require-dev)
Package operations: 2 installs, 0 updates, 0 removals
  - Installing almasaeed2010/adminlte (v3.2.0): Extracting archive
  - Installing jeroennoten/laravel-adminlte (v3.15.0): Extracting archive
Generating optimized autoload files
> Illuminate\Foundation\ComposerScripts::postAutoloadDump
> @php artisan package:discover --ansi

 INFO  Discovering packages.

jeroennoten/laravel-adminlte ..... DONE
laravel/sail ..... DONE
laravel/sanctum ..... DONE
laravel/tinker ..... DONE
laravel/ui ..... DONE
nesbot/carbon ..... DONE
nunomaduro/collision ..... DONE
nunomaduro/termwind ..... DONE
spatie/laravel-ignition ..... DONE

81 packages you are using are looking for funding.
Use the `composer fund` command to find out more!
> @php artisan vendor:publish --tag=laravel-assets --ansi --force

 INFO  No publishable resources for tag [laravel-assets].
```

composer require jeroennoten/laravel-adminlte

2. Melakukan instalasi requirement project di atas dengan command berikut:

```
PS E:\Aplik\laragon\www\Pemrograman_Web_Lanjut_2025\Minggu 5> php artisan adminlte:install
AdminLTE assets files published successfully
Configuration file published successfully
Translation files published successfully
The installation is complete.
```

php artisan adminlte:install

Perintah di atas akan meng-install:

- AdminLTE distribution files dan dependensinya (Bootstrap, jQuery, etc.) dalam folder public/vendor .
- Konfigurasi package di file config/adminlte.php
- Paket translasi di folder lang/vendor/adminlte/
- Dalam composer.json akan otomatis ditambahkan require untuk laravel-adminlte

```

1  composer.json > ...
2  [
3      "name": "laravel/laravel",
4      "type": "project",
5      "description": "The skeleton application for the Laravel framework.",
6      "keywords": ["laravel", "framework"],
7      "license": "MIT",
8      "require": {
9          "php": "^8.1",
10         "guzzlehttp/guzzle": "^7.2",
11         "jeroennoten/laravel-adminlte": "^3.15",
12         "laravel/framework": "^10.10",
13         "laravel/sanctum": "^3.3",
14         "laravel/tinker": "^2.8"
15     },
16     "require-dev": {
17         "fakerphp/faker": "^1.9.1",
18         "laravel/pint": "^1.0",
19         "laravel/sail": "^1.18",
20         "mockery/mockery": "^1.4.4",
21         "nunomaduro/collision": "^7.0",
22         "phpunit/phpunit": "^10.1",
23         "spatie/laravel-ignition": "^2.0"
24     },
25     "autoload": {
26         "psr-4": {
27             "App\\": "app/",
28             "Database\\Factories\\": "database/factories/",
29             "Database\\Seeders\\": "database/seeders/"
30         }
31     },
32     "autoload-dev": {
33         "psr-4": {
34             "Tests\\": "tests/"
35         }
36     },
37     "scripts": {
38         "post-autoload-dump": [

```

3. Buat file resources/views/layout/app.blade.php. Isi dengan kode berikut:

```

resources > views > app.blade.php > ...
1  @extends('adminlte::page')
2  {{-- Extend and customize the browser title --}}
3
4  @section('title')
5      {{ config('adminlte.title') }}
6      @hasSection('subtitle') | @yield('subtitle') @endif
7  @stop
8
9  {{-- Extend and customize the page content header --}}
10
11 @section('content_header')
12     @hasSection('content_header_title')
13         <h1 class="text-muted">
14             @yield('content_header_title')
15
16             @hasSection('content_header_subtitle')
17                 <small class="text-dark">
18                     <i class="fas fa-xs fa-angle-right text-muted"></i>
19                     @yield('content_header_subtitle')
20                 </small>
21             @endif
22         </h1>
23     @endif
24 @stop
25
26 {{-- Rename section content to content_body --}}
27
28 @section('content')
29     @yield('content_body')
30 @stop
31
32 {{-- Create a common footer --}}
33
34 @section('footer')
35     <div class="float-right">
36         Version: {{ config('app.version', '1.0.0') }}

```

```

{{-- Create a common footer --}}

@section('footer')
    <div class="float-right">
        | Version: {{ config('app.version', '1.0.0') }}
    </div>

    <strong>
        | <a href="{{ config('app.company_url', '#') }}">
        |     {{ config('app.company_name', 'My company') }}
        | </a>
    </strong>
@stop

{{-- Add common Javascript/Jquery code --}}
@push('js')

<script>

    $(document).ready(function() {
        | // Add your common script logic here...
    });

</script>
@endpush

@push('css')
<style type="text/css">

    /* You can add AdminLTE customizations here */
    /*
    .card-header {
        | border-bottom: none;
    }
    .card-title {
        | font-weight: 600;
    }
    */

</style>
@endpush

```

4. Edit resource/views/welcome.blade.php

```
resources > views > welcome.blade.php > ...
1 | @extends('adminlte::page')
2 |
3 | @section('title', 'Home')
4 |
5 | @section('subtitle', 'Welcome')
6 | @section('content_header')
7 |     <h1>Home</h1>
8 |     <small>Welcome</small>
9 | @endsection
10 |
11 | @section('content')
12 |     <p>Welcome to this beautiful admin panel.</p>
13 | @endsection
14 |
15 | @push('css')
16 |     {{-- Add here extra stylesheets --}}
17 |     {{-- <link rel="stylesheet" href="/css/admin_custom.css"> --}}
18 | @endpush
19 |
20 | @push('js')
21 |     <script> console.log("Hi, I'm using the Laravel-AdminLTE package!"); </script>
22 | @endpush
23 |
```

Untuk menggunakan blade template ini cukup dengan extend AdminLTE layout dengan cara `@extends('adminlte::page')`.

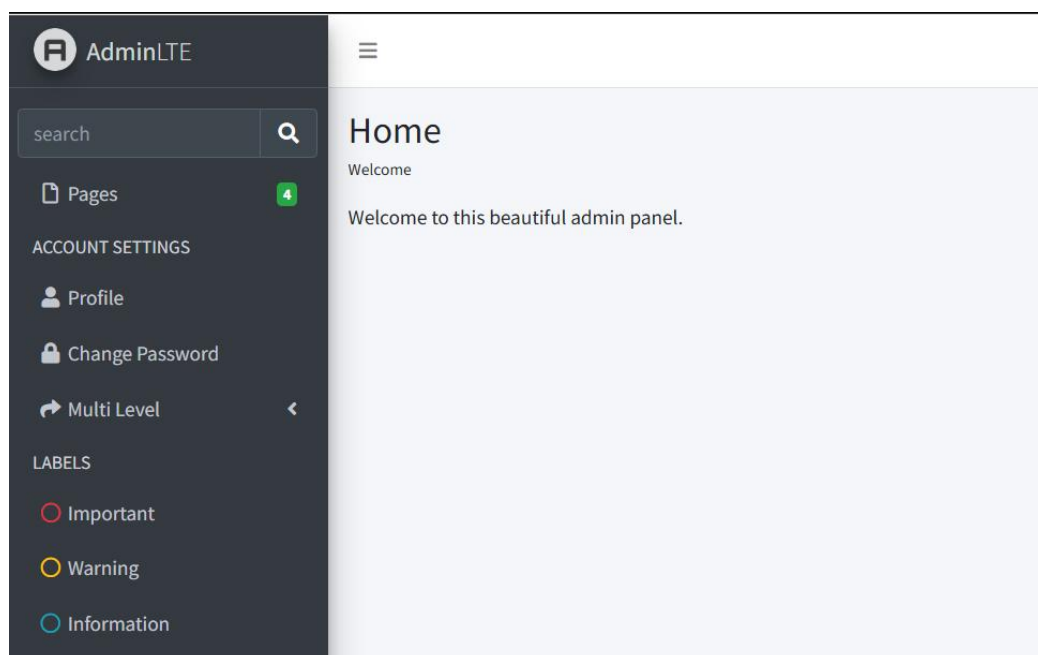
Template yields di beberapa bagian terklasifikasi dalam 2 yield:

- main: Biasa digunakan untuk extending the layout.
- misc: untuk kasus yang tidak biasa, atau hanya situasi tertentu.

Dokumentasi lebih detail terdapat di link berikut:

<https://github.com/jeroennoten/Laravel-AdminLTE/wiki/Usage>

5. Kembali ke browser, menuju ke halaman awal



Praktikum 2 – Integrasi dengan DataTables

Datatables biasa digunakan untuk menampilkan list data dengan banyak fitur seperti searching, pagination, sorting dan lain-lainnya. Dalam laravel biasa digunakan yajra datatables karena didesain agar sesuai dengan laravel.

1. Install Laravel DataTables

```
PS E:\Aplik\laragon\www\Pemrograman Web Lanjut 2025\Minggu 5> composer require laravel/ui --dev
laravel/ui is currently present in the require key and you ran the command with the --dev flag, which will move
it to the require-dev key.
Do you want to move this requirement? [no]? no
Do you want to re-run the command without --dev? [yes]? yes
./composer.json has been updated
Running composer update laravel/ui
Loading composer repositories with package information
Updating dependencies
Nothing to modify in lock file
Writing lock file
Installing dependencies from lock file (including require-dev)
Nothing to install, update or remove
Generating optimized autoload files
> Illuminate\Foundation\ComposerScripts::postAutoloadDump
> @php artisan package:discover --ansi

 INFO  Discovering packages.

jeroennoten/laravel-adminlte ..... DONE
laravel/sail ..... DONE
laravel/sanctum ..... DONE
laravel/tinker ..... DONE
laravel/ui ..... DONE
nesbot/carbon ..... DONE
nunomaduro/collision ..... DONE
nunomaduro/termwind ..... DONE
spatie/laravel-ignition ..... DONE

81 packages you are using are looking for funding.
Use the `composer fund` command to find out more!
> @php artisan vendor:publish --tag=laravel-assets --ansi --force

 INFO  No publishable resources for tag [laravel-assets].

No security vulnerability advisories found.
Using version ^4.6 for laravel/ui
PS E:\Aplik\laragon\www\Pemrograman Web Lanjut 2025\Minggu 5> |
```

composer require laravel/ui --dev

```

./composer.json has been updated
Running composer update yajra/laravel-datatables
Loading composer repositories with package information
Updating dependencies
Lock file operations: 7 installs, 0 updates, 0 removals
  - Locking league/fractal (0.20.2)
  - Locking yajra/laravel-datatables (v10.0.0)
  - Locking yajra/laravel-datatables-buttons (v10.0.9)
  - Locking yajra/laravel-datatables-editor (v1.25.4)
  - Locking yajra/laravel-datatables-fractal (v10.0.0)
  - Locking yajra/laravel-datatables-html (v10.12.0)
  - Locking yajra/laravel-datatables-oracle (v10.11.4)
Writing lock file
Installing dependencies from lock file (including require-dev)
Package operations: 7 installs, 0 updates, 0 removals
  - Installing yajra/laravel-datatables-oracle (v10.11.4): Extracting archive
  - Installing yajra/laravel-datatables-html (v10.12.0): Extracting archive
  - Installing league/fractal (0.20.2): Extracting archive
  - Installing yajra/laravel-datatables-fractal (v10.0.0): Extracting archive
  - Installing yajra/laravel-datatables-editor (v1.25.4): Extracting archive
  - Installing yajra/laravel-datatables-buttons (v10.0.9): Extracting archive
  - Installing yajra/laravel-datatables (v10.0.0): Extracting archive
8 package suggestions were added by new dependencies, use `composer suggest` to see details.
Generating optimized autoload files
> Illuminate\Foundation\ComposerScripts::postAutoloadDump
> @php artisan package:discover --ansi

 INFO  Discovering packages.

jeroennoten/laravel-adminlte ..... DONE
laravel/sail ..... DONE
laravel/sanctum ..... DONE
laravel/tinker ..... DONE
laravel/ui ..... DONE
nesbot/carbon ..... DONE
nunomaduro/collision ..... DONE
nunomaduro/termwind ..... DONE
spatie/laravel-ignition ..... DONE
yajra/laravel-datatables-buttons ..... DONE
yajra/laravel-datatables-editor ..... DONE
yajra/laravel-datatables-fractal ..... DONE
yajra/laravel-datatables-html ..... DONE
yajra/laravel-datatables-oracle ..... DONE

86 packages you are using are looking for funding.
Use the `composer fund` command to find out more!
> @php artisan vendor:publish --tag=laravel-assets --ansi --force

```

composer require yajra/laravel-datatables:^10.0

2. Pastikan nodejs sudah terinstall, dengan perintah npm -v.

```

PS E:\Aplik\laragon\www\Pemrograman_Web_Lanjut_2025\Minggu 5> npm -v
10.9.2

```

Jika belum install nodejs package manager dari

<https://nodejs.org/dist/v20.11.1/node-v20.11.1-x64.msi>

Npm digunakan untuk manajemen package javascript.

3. Install Laravel DataTables Vite dan sass

```

PS E:\Aplik\laragon\www\Pemrograman_Web_Lanjut_2025\Minggu 5> npm i laravel-datatables-vite --save-dev
added 9 packages, and audited 63 packages in 1m

17 packages are looking for funding
  run `npm fund` for details

2 moderate severity vulnerabilities

To address all issues (including breaking changes), run:
  npm audit fix --force

Run `npm audit` for details.
PS E:\Aplik\laragon\www\Pemrograman_Web_Lanjut_2025\Minggu 5>

```

npm i laravel-datatables-vite --save-dev

```
Run `npm audit` for details.
PS E:\Aplik\laragon\www\Pemrograman_Web_Lanjut_2025\Minggu 5> npm install -D sass

up to date, audited 63 packages in 4s

17 packages are looking for funding
  run `npm fund` for details

2 moderate severity vulnerabilities

To address all issues (including breaking changes), run:
  npm audit fix --force

Run `npm audit` for details.
```

npm install -D sass

4. Edit file resources/js/app.js

```
resources/js/app.js
1 import './bootstrap';
2 import '../sass/app.css';
3 import 'laravel-datatables-vite';
4 |
```

5. Buatlah file resources/sass/app.scss

```
/* Fonts */
@import url('https://fonts.bunny.net/css?family=Nunito');

/* Bootstrap */
@import 'bootstrap/scss/bootstrap';

/* DataTables */
@import 'bootstrap-icons/font/bootstrap-icons.css';
@import "datatables.net-bs5/css/dataTables.bootstrap5.min.css";
@import "datatables.net-buttons-bs5/css/buttons.bootstrap5.min.css";
@import "datatables.net-select-bs5/css/select.bootstrap5.css";
```

6. Jalankan dengan npm run dev

```
Donny@DESKTOP-TTAQTTR MINGW64 /e/Aplik/laragon/www/Pemrograman_Web_Lanjut_2025/M
VITE v5.4.14 ready in 3109 ms
  → Local:   http://localhost:5173/
  → Network: use --host to expose
  → press h + enter to show help

LARAVEL v10.48.29 plugin v1.2.0
  → APP_URL: http://localhost
Error: The following dependencies are imported but could not be resolved:
  laravel-datatables-vite (imported by E:\Aplik\laragon\www\Pemrograman_Web_Lanjut_2025\Minggu 5/resources/js/app.js)
Are they installed?
  at file:///E:/Aplik/laragon/www/Pemrograman_Web_Lanjut_2025/Minggu%205/node_modules/vite/dist/node/chunks/dep-CH2K6zbr.js:50668:15
  at process.processTicksAndRejections (node:internal/process/task_queues:95:5)
  at async file:///E:/Aplik/laragon/www/Pemrograman_Web_Lanjut_2025/Minggu%205/node_modules/vite/dist/node/chunks/dep-CH2K6zbr.js:50173:26
```

7. Selanjutnya kita akan buat datatables untuk kategori

```
Donny@DESKTOP-TTAQTTR MINGW64 /e/Aplik/laragon/www/Pemrograman_Web_Lanjut_2025/Minggu 5 (main)
$ php artisan datatables:make Kategori

INFO DataTable [E:\Aplik\laragon\www\Pemrograman_Web_Lanjut_2025\Minggu 5\app\DataTables\KategoriDataTable.php] created successfully.
```


php artisan datatables:make Kategori

8. Kita edit KategoriDatable untuk mengatur kolom apasaja yang ingin ditampilkan
Sesuaikan dengan kodeprogram berikut

```

namespace App\DataTables;

use App\Models\KategoriModel;
use Illuminate\Database\Eloquent\Builder as QueryBuilder;
use Yajra\DataTables\EloquentDataTable;
use Yajra\DataTables\Html\Builder as HtmlBuilder;
use Yajra\DataTables\Html\Column;
use Yajra\DataTables\Html\Button;
use Yajra\DataTables\Services\DataTable;

class KategoriDataTable extends DataTable
{
    /**
     * Build the DataTable class.
     *
     * @param QueryBuilder $query Results from query() method.
     * @return \Yajra\DataTables\EloquentDataTable
     */
    public function dataTable(QueryBuilder $query): EloquentDataTable
    {
        return (new EloquentDataTable($query))
            ->addColumn('action', 'kategori.action')
            ->setRowId('id');
    }

    /**
     * Get the query source of dataTable.
     */
    public function query(): QueryBuilder
    {
        return KategoriModel::query();
    }

    /**
     * Optional method if you want to use the html builder.
     */
    public function html(): HtmlBuilder
    {
        return $this->builder()
            ->setTableId('kategori-table')
            ->columns($this->getColumns())
            ->minifiedAjax()
            ->dom('Bfrtip')
            ->orderBy(1)
            ->selectStyleSingle()
            ->buttons([
                Button::make('excel'),
                Button::make('csv'),
                Button::make('pdf'),
                Button::make('print'),
                Button::make('reset'),
                Button::make('reload'),
            ]);
    }
}

```

```

/**
 * Get the dataTable columns definition.
 */
public function getColumns(): array
{
    return [
        Column::computed('action')
            ->exportable(false)
            ->printable(false)
            ->addClass('text-center'),
        Column::make('kategori_id'),
        Column::make('kategori_kode'),
        Column::make('kategori_nama'),
        Column::make('created_at'),
        Column::make('updated_at'),
    ];
}

/**
 * Get the filename for export.
 */
protected function filename(): string
{
    return 'kategori_' . date('YmdHis');
}
}

```

9. Ubah kategori model, sesuaikan seperti berikut

```

<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;
use Illuminate\Database\Eloquent\Relations\HasMany;

class KategoriModel extends Model
{
    use HasFactory;

    protected $table = 'm_kategori';
    protected $primaryKey = 'kategori_id';

    protected $fillable = ['kategori_kode', 'kategori_nama'];

    public function barang(): HasMany
    {
        return $this->hasMany(BarangModel::class, 'kategori_id', 'kategori_id');
    }
}

```

Karena masih error maka saya menambahkan BarangModel.php

```

<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Model;
use Illuminate\Database\Eloquent\Relations\BelongsTo;

class BarangModel extends Model
{
    protected $table = 'm_barang'; // Nama tabel di database
    protected $primaryKey = 'barang_id'; // Primary key tabel

    protected $fillable = ['kategori_id', 'barang_kode', 'barang_nama', 'harga'];

    public function kategori(): BelongsTo
    {
        return $this->belongsTo(KategoriModel::class, 'kategori_id', 'kategori_id');
    }
}

```

10. Ubah Kategori Controller sesuaikan dengan skrip berikut:

```

<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;
use App\DataTables\KategoriDataTable;

class KategoriController extends Controller
{
    public function index(KategoriDataTable $dataTable)
    {
        return $dataTable->render('kategori.index');
    }
}

```

11. Buat folder kategori di dalam resources/view, kemudian buat view blade index untuk kategori resources/views/kategori/index.blade.php

```

@extends('layouts.app')

{{-- Customize layout sections --}}

@section('subtitle', 'Kategori')
@section('content_header_title', 'Home')
@section('content_header_subtitle', 'Kategori')

@section('content')
    <div class="container">
        <div class="card">
            <div class="card-header">Manage Kategori</div>
            <div class="card-body">
                {{ $dataTable->table() }}
            </div>
        </div>
    </div>
@endsection

@push('scripts')
    {{ $dataTable->scripts() }}
@endpush

```


12. Pastikan route untuk kategori sudah tersedia

```
Route::get('/kategori', [KategoriController::class, 'index']);
```

13. Sesuaikan app layout seperti kode berikut

```
1 @extends('adminlte::page')
2
3 {{-- Extend and customize the browser title --}}
4 @section('title')
5     {{ config('adminlte.title') }}
6     @hasSection('subtitle') | @yield('subtitle') @endif
7 @stop
8
9 @vite('resources/js/app.js')
10
11 {{-- Extend and customize the page content header --}}
12 @section('content_header')
13     @hasSection('content_header_title')
14         <h1 class="text-muted">
15             @yield('content_header_title')
16         </h1>
17     @endif
18
19     @hasSection('content_header_subtitle')
20         <small class="text-dark">
21             <i class="fa fa-xs fa-angle-right text-muted"></i>
22             @yield('content_header_subtitle')
23         </small>
24     @endif
25 @stop
26
27 {{-- Rename section content to content_body --}}
28 @section('content')
29     @yield('content_body')
30 @stop
31
32 {{-- Create a common footer --}}
33 @section('footer')
34     <div class="float-right">
35         Version: {{ config('app.version', '1.0.0') }}
36     </div>
37     <strong>
38         <a href="{{ config('app.company_url', '#') }}">
39             {{ config('app.company_name', 'My company') }}
40         </a>
41     </strong>
42 @stop
43
44 {{-- Add common Javascript/jQuery code --}}
45 @push('scripts')
46     <script src="https://cdn.datatables.net/2.0.2/js/dataTables.js"></script>
47 @endpush
48 @stack('scripts')
49
50 {{-- Add common CSS customizations --}}
51 @push('css')
52     <link rel="stylesheet" href="https://cdn.datatables.net/1.10.2/css/dataTables.dataTables.css" />
53     <style type="text/css">
54         .card-header {
55             border-bottom: none;
56         }
57
58         .card-title {
59             font-weight: 600;
60         }
61     </style>
62 @endpush
```

14. Menetapkan ViteJs / script type defaults

```

1  <?php
2
3  namespace App\Providers;
4
5  use Illuminate\Support\ServiceProvider;
6  use Yajra\DataTables\Html\Builder;
7
8  class AppServiceProvider extends ServiceProvider
9  {
10     /**
11      * Register any application services.
12      */
13     public function register(): void
14     {
15         //
16     }
17
18     /**
19      * Bootstrap any application services.
20      */
21     public function boot(): void
22     {
23         Builder::useVite();
24     }
25 }
26

```

15. Isikan beberapa data ke table kategori

<input type="checkbox"/>	Edit Copy Delete	10 CML	Camilan	2025-03-15 23:46:31	NULL
<input type="checkbox"/>	Edit Copy Delete	11 MNR	Minuman Ringan	2025-03-15 23:46:31	NULL

16. Datatables sudah dapat di load di /kategori

Home > Kategori

Manage Kategori

10 entries per page Search:

Kategori Id	Kategori Kode	Kategori Nama	Created At	Updated At
6	SMK	Snack/Makanan Ringan	2025-03-07T15:19:09.000000Z	
11	MNR	Minuman Ringan	2025-03-15T23:46:31.000000Z	
5	HOME	HomeCare		
3	FOOD	Makanan		
2	FASH	Fashion		
10	CML	Camilan	2025-03-15T23:46:31.000000Z	
4	BEAU	Kecantikan		
1	BABY	BabyKid		

Showing 1 to 8 of 8 entries

Praktikum 3 - Membuat form kemudian menyimpan data dalam database

1. Menyesuaikan routing, tambahkan dua routing berikut:

```
Route::get('/kategori/create', [KategoriController::class, 'create']);
Route::get('/kategori', [KategoriController::class, 'store']);
```

2. Tambahkan dua function berikut dalam KategoriController

```
Http > Controllers > KategoriController.php > ...
<?php

namespace App\Http\Controllers;

use App\Models\KategoriModel;
use Illuminate\Http\Request;
use App\DataTables\KategoriDataTable;

class KategoriController extends Controller
{
    public function index(KategoriDataTable $dataTable)
    {
        return $dataTable->render('kategori.index');
    }

    public function create()
    {
        return view('kategori.create');
    }

    public function store(Request $request)
    {
        KategoriModel::create([
            'kategori_kode' => $request->kodeKategori,
            'kategori_nama' => $request->namaKategori,
        ]);
        return redirect('/kategori');
    }
}
```

3. Dalam folder views/kategori, buatlah file dengan nama create.blade.php

```

<?php

namespace App\Http\Controllers;

use App\Models\KategoriModel;
use Illuminate\Http\Request;
use App\DataTables\KategoriDataTable;

class KategoriController extends Controller
{
    public function index(KategoriDataTable $dataTable)
    {
        return $dataTable->render('kategori.index');
    }

    public function create()
    {
        return view('kategori.create');
    }

    public function store(Request $request)
    {
        KategoriModel::create([
            'kategori_kode' => $request->kodeKategori,
            'kategori_nama' => $request->namaKategori,
        ]);
        return redirect('/kategori');
    }
}

```

4. Kita lakukan pengecualian proteksi CsrfToken. Karena kita belum melakukan otentikasi .
Kita edit dalam file berikut:

```

<?php

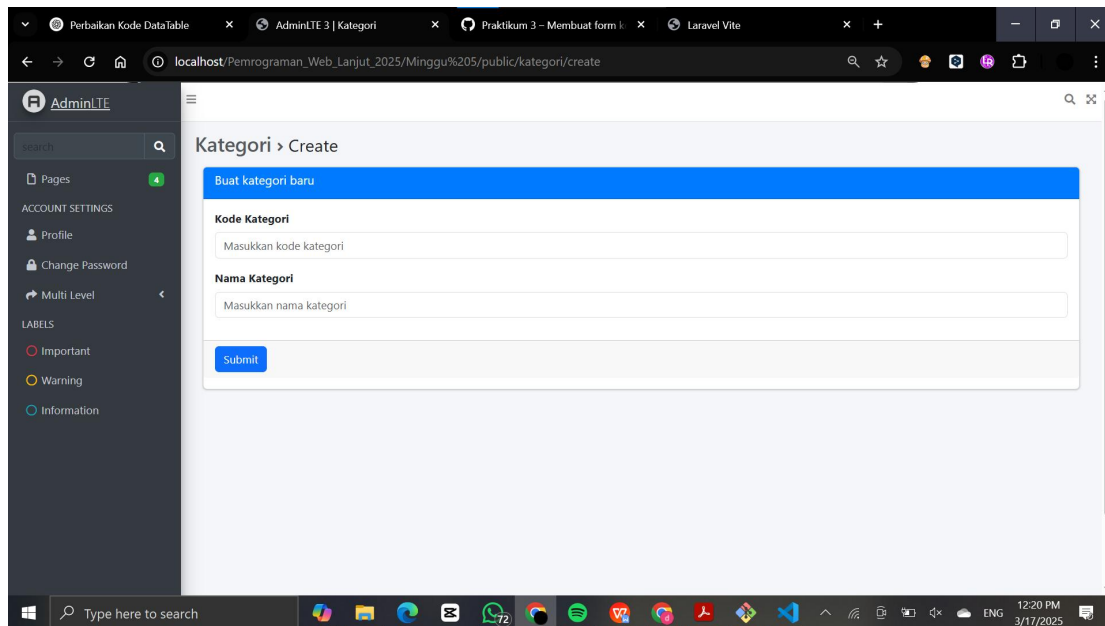
namespace App\Http\Middleware;

use Illuminate\Foundation\Http\Middleware\VerifyCsrfToken as Middleware;

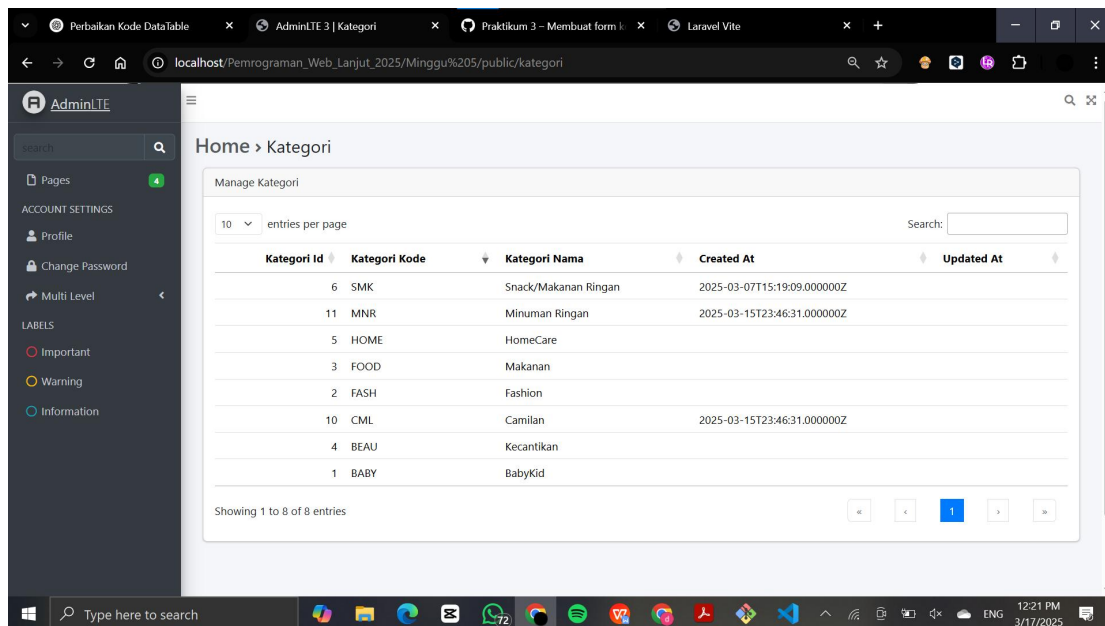
class VerifyCsrfToken extends Middleware
{
    /**
     * The URIs that should be excluded from CSRF verification.
     *
     * @var array<int, string>
     */
    protected $except = [
        '/kategori'
    ];
}

```

5. Akses kategori/create

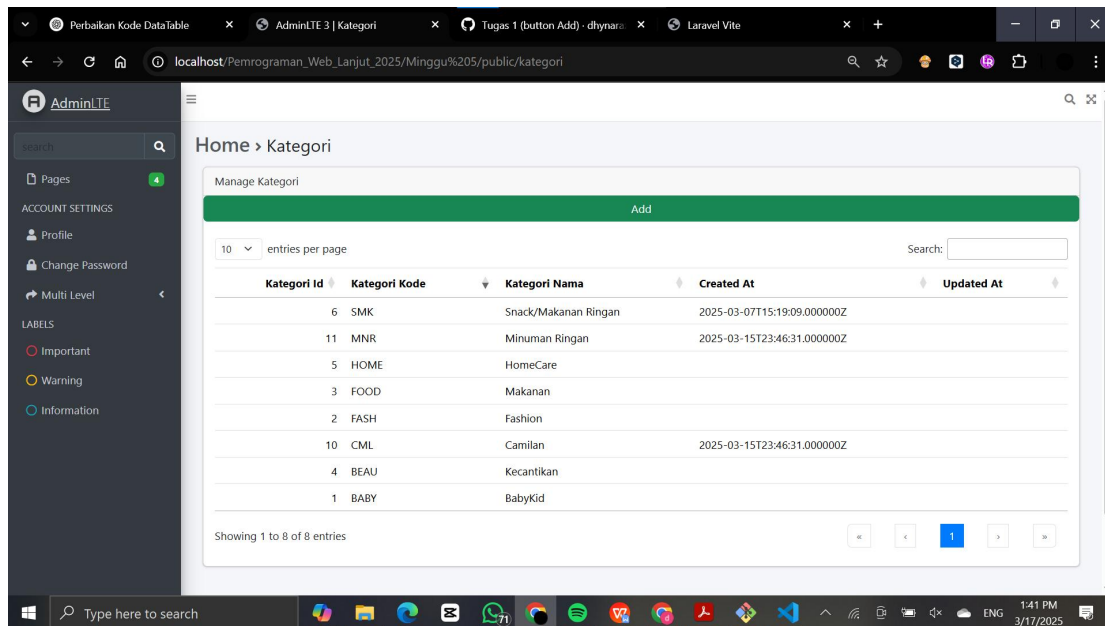


6. Halaman kategori



Tugas Praktikum

1. Tambahkan button Add di halaman manage kategori, yang mengarah ke create kategori.



2. Tambahkan menu untuk halaman manage kategori, di daftar menu navbar

Manage Kategori

Home > Kategori

Manage Kategori

Add

10

entries per page

Search:

Kategori Id	Kategori Kode	Kategori Nama	Created At	Updated At
6	SMK	Snack/Makanan Ringan	2025-03-07T15:19:09.000000Z	
11	MNR	Minuman Ringan	2025-03-15T23:46:31.000000Z	
5	HOME	HomeCare		
3	FOOD	Makanan		
2	FASH	Fashion		
10	CML	Camilan	2025-03-15T23:46:31.000000Z	
4	BEAU	Kecantikan		
1	BABY	BabyKid		

Showing 1 to 8 of 8 entries

<<

<

1

>

>>

```

    },
    {
      'type' => 'fullscreen-widget',
      'topnav_right' => true,
    },
    {
      'text' => 'Manage Kategori',
      'url' => 'kategori',
      'icon' => 'fas fa-list', // Ikon FontAwesome
      'topnav' => true, // Menampilkan di navbar
    },
  ],

```

3. Tambahkan action edit di datatables dan buat halaman edit serta controllernya

Kategori Id	Kategori Kode	Kategori Nama	Created At	Updated At	Action
6	SMK	Snack/Makanan Ringan	2025-03-07T15:19:09.000000Z		Edit
11	MNR	Minuman Ringan	2025-03-15T23:46:31.000000Z		Edit
5	HOME	HomeCare			Edit
3	FOOD	Makanan			Edit
2	FASH	Fashion			Edit
10	CML	Camilan	2025-03-15T23:46:31.000000Z		Edit
4	BEAU	Kecantikan			Edit
1	BABY	BabyKid			Edit

```
Route::get('/kategori/edit/{id}', [KategoriController::class, 'edit'])->name('kategori.edit');
Route::put('/kategori/{id}', [KategoriController::class, 'update'])->name('kategori.update');
```

```
Column::make('updated_at'),
Column::computed('action')
    -> exportable(false)
    -> printable(false)
    -> width(100)
    -> addClass('text-center')
];
```

```
return (new EloquentDataTable($query))
    ->addColumn('action', function ($id) {
        $edit = route('kategori.edit', $id);
        return '<a href=' . $edit . ' class="btn btn-warning btn-sm">Edit</a>';
    })
    ->setRowId('id');
```

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

@section('content')
    <div class="container-fluid">
        <div class="row">
            <div class="col-md-12">
                <div class="card card-primary">
                    <div class="card-header">
                        <h3 class="card-title">Edit kategori</h3>
                    </div>
                    <form action="{{ route('kategori.update', $kategori->kategori_id) }}" method="POST">
                        @csrf
                        @method('PUT')
                        <div class="card-body">
                            <div class="form-group">
                                <label for="kodeKategori">Kode Kategori</label>
                                <input type="text" class="form-control" name="kodeKategori" id="kodeKategori"
                                    value="{{ $kategori->kategori_kode }}">
                            </div>
                            <div class="form-group">
                                <label for="namaKategori">Nama Kategori</label>
                                <input type="text" class="form-control" name="namaKategori" id="namaKategori"
                                    value="{{ $kategori->kategori_nama }}">
                            </div>
                        </div>
                        <div class="card-footer">
                            <button type="submit" class="btn btn-primary">Simpan</button>
                        </div>
                    </form>
                </div>
            </div>
        </div>
    </div>
@endsection
```



```
public function edit($id)
{
    $data = KategoriModel::find($id);
    return view('kategori.edit', ['kategori' => $data]);
}

public function update(Request $request, $id)
{
    KategoriModel::where('kategori_id', $id)->update([
        'kategori_kode' => $request->kodeKategori,
        'kategori_nama' => $request->namaKategori,
    ]);
    return redirect()->route('kategori.index')->with('success', 'Kategori berhasil diperbarui');
}
}
```

4. Tambahkan action delete di datatables

Kategori Id	Kategori Kode	Kategori Nama	Created At	Updated At	Action
6	SMK	Snack/Makanan Ringan	2025-03-07T15:19:09.000000Z		Edit Delete
11	MNR	Minuman Ringan	2025-03-15T23:46:31.000000Z		Edit Delete
5	HOME	HomeCare			Edit Delete
3	FOOD	Makanan			Edit Delete
2	FASH	Fashion			Edit Delete
10	CML	Camilan	2025-03-15T23:46:31.000000Z		Edit Delete
4	BEAU	Kecantikan			Edit Delete
1	BABY	BabyKid			Edit Delete

```
Route::get('/kategori/delete/{id}', [KategoriController::class, 'delete']->name('kategori.delete'));
```

```
}

public function delete($id)
{
    KategoriModel::where('kategori_id', $id)->delete();
    return redirect('/kategori');
}
```

```
$edit = route('kategori.edit', $id);  
$delete = route('kategori.delete', $id);  
  
return '<div style="display: flex; gap: 5px;">  
    <a href="' . $edit . '" class="btn btn-warning btn-sm">Edit</a>  
    <a href="' . $delete . '" class="btn btn-danger btn-sm btn-delete">Delete</a>  
</div>';
```