

Jobsheet 05: Blade View, Web Templating(AdminLTE), Datatables

Dosen Pengampu Mata Kuliah :

M. Hasyim Ratsanjani, S.Kom., M.Kom.



Dibuat Oleh :

Daffa Yudisa Akbar : TI-2H / 10 : 2241720008

Politeknik Negeri Malang

Jurusan Teknologi Informasi

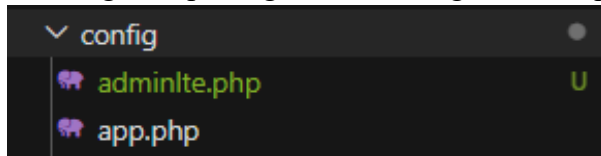
D-IV Teknik Informatika

2024

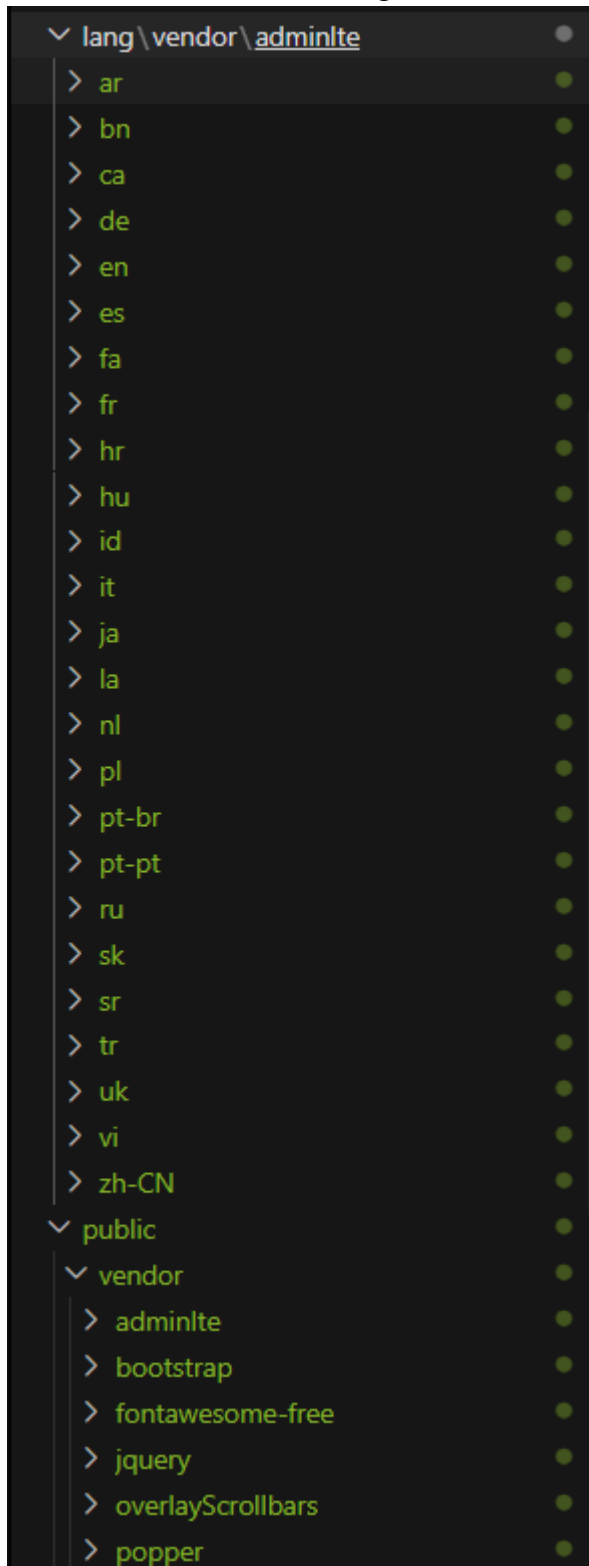
A. Praktikum 1 – Integrasi Laravel dengan AdminLTE3

No.	Langkah Praktikum
1.	<p>Dalam root folder project lakukan command berikut, untuk mendefinisikan requirement project. composer require jeroennoten/laravel-adminlte</p> <pre> PS C:\laragon\www\PWL_POS> composer require jeroennoten/laravel-adminlte ./composer.json has been updated Running composer update jeroennoten/laravel-adminlte Loading composer repositories with package information Updating dependencies Nothing to modify in lock file Installing dependencies from lock file (including require-dev) Package operations: 2 installs, 0 updates, 0 removals - Downloading almasaeed2010/adminlte (v3.2.0) - Installing almasaeed2010/adminlte (v3.2.0): Extracting archive - Installing jeroennoten/laravel-adminlte (v3.11.0): 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 nesbot/carbon DONE nunomaduro/collision DONE nunomaduro/termwind DONE pestphp/pest-plugin-laravel DONE spatie/laravel-ignition DONE 90 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 ^3.11 for jeroennoten/laravel-adminlte PS C:\laragon\www\PWL_POS> </pre>
2.	<p>Melakukan instalasi requirement project di atas dengan command berikut: php artisan adminlte:install</p> <pre> PS C:\laragon\www\PWL_POS> php artisan adminlte:install Basic assets installed successfully. Configuration file installed successfully. Translation files installed successfully. The installation is complete. PS C:\laragon\www\PWL_POS> </pre> <p>Perintah di atas akan meng-install:</p> <ul style="list-style-type: none"> • 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  {}
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": "^3.11",
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         "pestphp/pest": "^2.34",
23         "pestphp/pest-plugin-laravel": "^2.3",
24         "spatie/laravel-ignition": "^2.0"
25     },
26     "autoload": {
27         "psr-4": {
28             "App\\": "app/",
29             "Database\\Factories\\": "database/factories/",
30             "Database\\Seeders\\": "database/seeders/"
31         }
32     },
33     "autoload-dev": {
34         "psr-4": {
35             "Tests\\": "tests/"
36         }
37     },
38     "scripts": {
39         "post-autoload-dump": [
40             "Illuminate\\Foundation\\ComposerScripts::postAutoloadDump",
41             "@php artisan package:discover --ansi"
42         ]
43     }
44 }

```

3. Buat file resources/views/layout/app.blade.php.

```

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

```

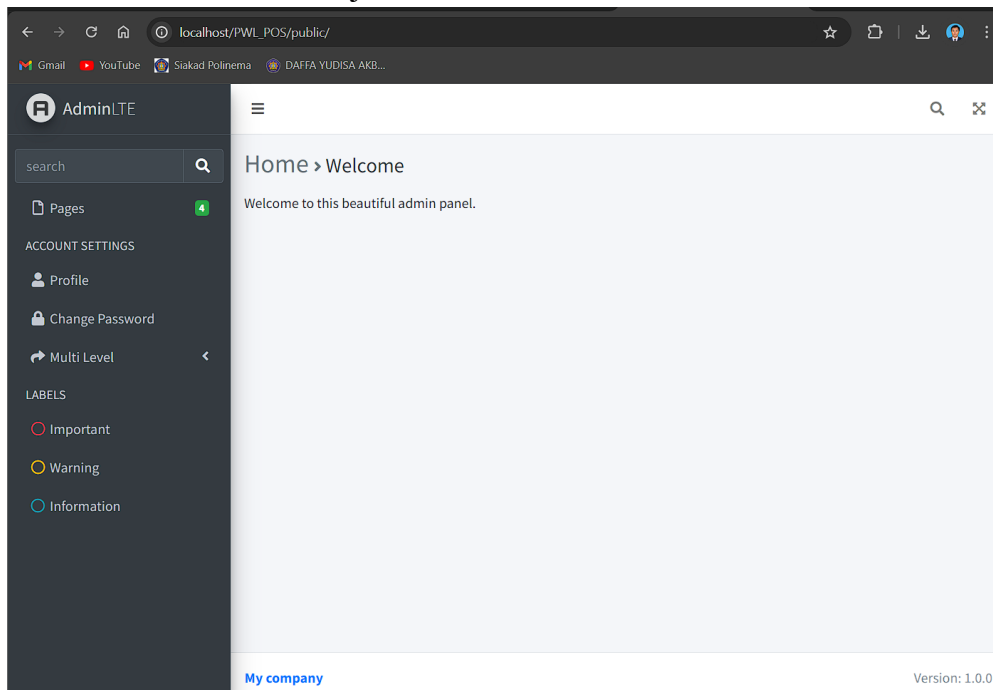
4. Edit resources/views/welcome.blade.php, kemudian replace seluruh kodenya dengan kode berikut

```

resources > views > welcome.blade.php > ...
1 @extends('layouts.app')
2
3 {{--Customize layout section--}}
4
5 @section('subtitle', 'Welcome')
6 @section('content_header_title', 'Home')
7 @section('content_header_subtitle', 'Welcome')
8
9 {{--Content body: main page content--}}
10
11 @section('content_body')
12     <p>Welcome to this beautiful admin panel.</p>
13 @stop
14
15 {{--Push extra css--}}
16
17 @push('css')
18     {{--Add here extra stylesheets--}}
19     {{--<link rel="stylesheet" href="https://css/admin_custom.css" --}}
20 @endpush
21
22 {{--Push extra scripts--}}
23
24 @push('js')
25     <script>console.log("Hi, i'm using the Laravel-AdminLTE package!")</script>
26 @endpush
27

```

5. Kembali ke browser, menuju ke halaman awal.



B. Praktikum 2 – Integrasi dengan DataTables

No.	Langkah Praktikum
1.	Install Laravel DataTables composer require laravel/ui --dev

	<pre> PS C:\laragon\www\PWL_POS> composer require laravel/ui --dev ./composer.json has been updated Running composer update laravel/ui Loading composer repositories with package information Updating dependencies Lock file operations: 1 install, 0 updates, 0 removals - Locking laravel/ui (v4.5.0) Writing lock file Installing dependencies from lock file (including require-dev) Package operations: 1 install, 0 updates, 0 removals - Downloading laravel/ui (v4.5.0) - Installing laravel/ui (v4.5.0): 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 pestphp/pest-plugin-laravel DONE spatie/laravel-ignition DONE 90 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 ^4.5 for laravel/ui PS C:\laragon\www\PWL_POS> </pre> <p>composer require yajra/laravel-datatables:^10.0</p> <pre> PS C:\laragon\www\PWL_POS> composer require yajra/laravel-datatables:^10.0 The "10.0" constraint for "yajra/laravel-datatables" appears too strict and will likely not match what you want. See https://getcomposer.org/constraints ./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 (0.20.1) - 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 - Downloading yajra/laravel-datatables-oracle (v10.11.4) - Downloading yajra/laravel-datatables-html (v10.12.0) - Downloading league/fractal (0.20.1) - Downloading yajra/laravel-datatables-fractal (v10.0.0) - Downloading yajra/laravel-datatables-editor (v1.25.4) - Downloading yajra/laravel-datatables-buttons (v10.0.9) - Downloading yajra/laravel-datatables (v10.0.0) - Installing yajra/laravel-datatables-oracle (v10.11.4): Extracting archive - Installing yajra/laravel-datatables-html (v10.12.0): Extracting archive - Installing league/fractal (0.20.1): 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 </pre>
2.	<p>Pastikan nodejs sudah terinstall, dengan perintah npm -v</p> <pre> PS C:\laragon\www\PWL_POS> npm -v 10.2.4 PS C:\laragon\www\PWL_POS> </pre>
3.	<p>Install Laravel DataTables Vite dan sass</p>

	<p>npm i laravel-datatables-vite --save-dev</p> <pre> PS C:\laragon\www\PWL_POS> npm i laravel-datatables-vite --save-dev added 33 packages, and audited 34 packages in 27s 8 packages are looking for funding run `npm fund` for details found 0 vulnerabilities npm notice npm notice New minor version of npm available! 10.2.4 -> 10.5.0 npm notice Changelog: https://github.com/npm/cli/releases/tag/v10.5.0 npm notice Run `npm install -g npm@10.5.0` to update! npm notice PS C:\laragon\www\PWL_POS> </pre> <p>npm install -D sass</p> <pre> PS C:\laragon\www\PWL_POS> npm install -D sass added 15 packages, and audited 49 packages in 9s 10 packages are looking for funding run `npm fund` for details found 0 vulnerabilities PS C:\laragon\www\PWL_POS> </pre>
4.	<p>Edit file resources/js/app.js</p> <pre> JS app.js resources > js > JS app.js 1 import './bootstrap'; 2 import '../sass/app.scss'; 3 import 'laravel-datatables-vite'; </pre>
5.	<p>Buatlah file resources/sass/app.scss</p> <pre> app.scss resources > sass > app.scss 1 // Fonts 2 @import url('https://fonts.bunny.net/css?family=Nunito'); 3 4 5 6 // Bootstrap 7 @import 'bootstrap/scss/bootstrap'; 8 9 // DataTables 10 @import 'bootstrap-icons/font/bootstrap-icons.css'; 11 @import 'datatables.net-bs5/css/dataTables.bootstrap5.min.css'; 12 @import 'datatables.net-buttons-bs5/css/buttons.bootstrap5.min.css'; 13 @import 'datatables.net-select-bs5/css/select.bootstrap5.min.css'; </pre>
6.	<p>Jalankan dengan npm run dev</p>

	<pre> PS C:\laragon\www\PWL_POS> npm run dev > dev > vite VITE v5.1.6 ready in 297 ms → Local: http://localhost:5173/ → Network: use --host to expose → press h + enter to show help LARAVEL v10.47.0 plugin v1.0.2 → APP_URL: http://localhost </pre>
7.	<p>Selanjutnya kita akan buat datatables untuk kategori, dengan perintah php artisan datatables:make Kategori</p> <pre> PS C:\laragon\www\PWL_POS> php artisan datatables:make Kategori INFO DataTable [C:\laragon\www\PWL_POS\app\DataTables\KategoriDataTable.php] created successfully. </pre>
8.	<p>Kita edit KategoriDataTable untuk mengatur kolom apasaja yang ingin ditampilkan Sesuai dengan kodeprogram berikut</p> <pre> app > DataTables > KategoriDataTable.php > ... 1 <?php 2 3 namespace App\DataTables; 4 5 use App\Models\KategoriModel; 6 use Illuminate\Database\Eloquent\Builder as QueryBuilder; 7 use Yajra\DataTables\EloquentDataTable; 8 use Yajra\DataTables\Html\Builder as HtmlBuilder; 9 use Yajra\DataTables\Html\Column; 10 use Yajra\DataTables\Html\Editor\Editor; 11 use Yajra\DataTables\Html\Editor\Fields; 12 use Yajra\DataTables\Services\DataTable; 13 14 class KategoriDataTable extends DataTable 15 { 16 /** 17 * Build the DataTable class. 18 * 19 * @param QueryBuilder \$query Results from query() method. 20 */ 21 public function dataTable(QueryBuilder \$query): EloquentDataTable 22 { 23 return (new EloquentDataTable(\$query)) 24 →addColumn('action', 'kategori.action') →setRowId('id'); 25 } 26 27 /** 28 * Get the query source of dataTable. 29 */ 30 public function query(KategoriModel \$model): QueryBuilder 31 { 32 return \$model→newQuery(); 33 } 34 35 /** 36 * Optional method if you want to use the html builder. 37 */ </pre>

	<pre> app > DataTables > KategoriDataTable.php > ... 15 class KategoriDataTable extends DataTable 38 public function html(): HtmlBuilder 49 { 50 Button::make('csv'), 51 Button::make('pdf'), 52 Button::make('print'), 53 Button::make('reset'), 54 Button::make('reload') 55 }; 56 /** 57 * Get the dataTable columns definition. 58 */ 59 public function getColumns(): array 60 { 61 return [62 /* Column::computed('action') 63 →exportable(false) 64 →printable(false) 65 →width(60) 66 →addClass('text-center'), */ 67 Column::make('kategori_id'), 68 Column::make('kategori_kode'), 69 Column::make('kategori_nama'), 70 Column::make('created_at'), 71 Column::make('updated_at'), 72]; 73 } 74 /** 75 * Get the filename for export. 76 */ 77 protected function filename(): string 78 { 79 return 'Kategori_' . date('YmdHis'); 80 } 81 } 82 </pre>
9.	<p>Ubah kategori model, sesuaikan seperti berikut</p> <pre> KategoriModel.php app > Models > KategoriModel.php > PHP Intelephense > KategoriModel > barang 1 <?php 2 3 namespace App\Models; 4 5 use Illuminate\Database\Eloquent\Factories\HasFactory; 6 use Illuminate\Database\Eloquent\Model; 7 use Illuminate\Database\Eloquent\Relations\HasMany; 8 9 class KategoriModel extends Model 10 { 11 use HasFactory; 12 13 protected \$table = 'm_kategori'; 14 protected \$primaryKey = 'kategori_id'; 15 16 protected \$fillable = ['kategori_kode', 'kategori_nama']; 17 18 public function barang(): HasMany 19 { 20 return \$this->hasMany(BarangModel::class, 'barang_id', 'barang_id'); 21 } 22 } 23 </pre>
10.	<p>Ubah Kategori Controller sesuaikan dengan skrip berikut:</p>

	<pre> app > Http > Controllers > KategoriController.php > PHP Intelephense > KategoriController > index 1 <?php 2 3 namespace App\Http\Controllers; 4 5 use App\DataTables\KategoriDataTable; 6 use Illuminate\Http\Request; 7 use Illuminate\Support\Facades\DB; 8 9 class KategoriController extends Controller 10 { 11 public function index(KategoriDataTable \$dataTable) 12 { 13 return \$dataTable->render('kategori.index'); 14 } </pre>
11.	<p>Buat folder kategori di dalam resources/view, kemudian buat view blade index untuk kategori resources/views/kategori/index.blade.php</p> <pre> resources > views > kategori > index.blade.php 1 @extends('layouts.app') 2 3 {{--Customize Layout Sections--}} 4 5 @section('subtitle', 'Kategori') 6 @section('content_header_title', 'Home') 7 @section('content_header_subtitle', 'Kategori') 8 9 @section('content') 10 <div class="container"> 11 <div class="card"> 12 <div class="card-header">Manager Kategori</div> 13 <div class="card-body"> {{ \$dataTable->table() }}</div> 14 </div> 15 </div> 16 @endsection 17 18 @push('scripts') 19 {{ \$dataTable->scripts() }} 20 @endpush </pre>
12.	<p>Pastikan route untuk kategori sudah tersedia</p> <pre> Route::get('/kategori', [KategoriController::class, 'index']); </pre>
13.	<p>Sesuaikan app layout seperti kode berikut</p>

```

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

```

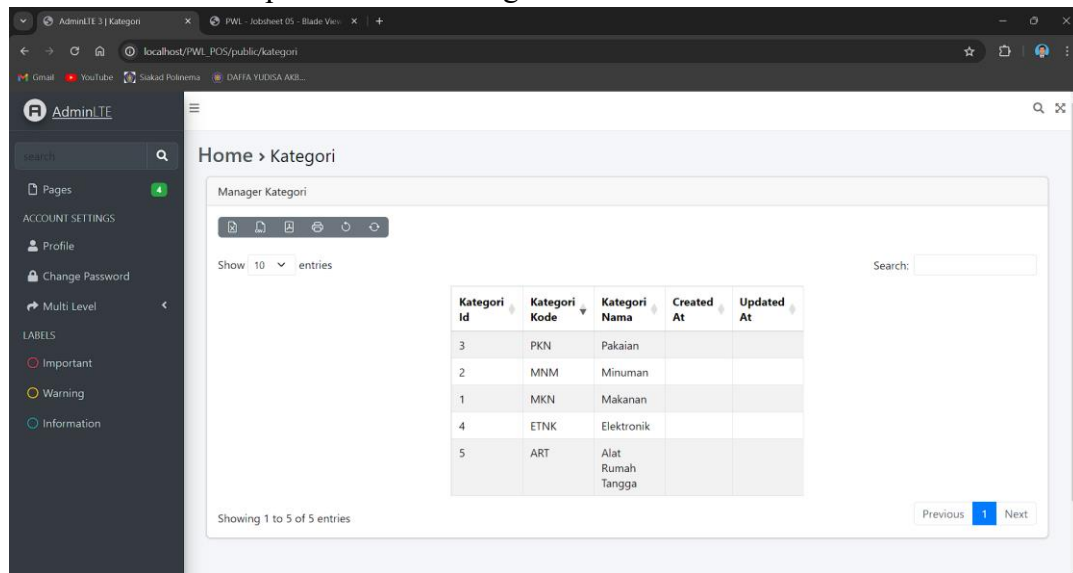
14. Menset ViteJs / script type defaults

```

app > Providers > AppServiceProvider.php > ...
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. Datatables sudah dapat di load di /kategori



C. Praktikum 3 – Membuat form kemudian menyimpan data dalam database

No	Langkah Praktikum
1.	<p>Menyesuaikan routing, tambahkan dua routing berikut</p> <pre> 33 Route::get('/kategori/create', [KategoriController::class, 'create']); 34 Route::post('/kategori', [KategoriController::class, 'store']); </pre>
2.	<p>Tambahkan dua function berikut dalam KategoriController</p> <pre> 1 <?php 2 3 namespace App\Http\Controllers; 4 5 use App\DataTables\KategoriDataTable; 6 use Illuminate\Http\Request; 7 use Illuminate\Support\Facades\DB; 8 use App\Models\KategoriModel; 9 10 class KategoriController extends Controller 11 { 12 public function index(KategoriDataTable \$dataTable) 13 { 14 return \$dataTable->render('kategori.index'); 15 } 16 17 public function create() 18 { 19 return view('kategori.create'); 20 } 21 22 public function store(Request \$request) 23 { 24 //dd(\$request->all()); 25 KategoriModel::create([26 'kategori_kode' => \$request->kategori_kode, 27 'kategori_nama' => \$request->kategori_nama, 28]); 29 return redirect('/kategori'); 30 } 31 } </pre>

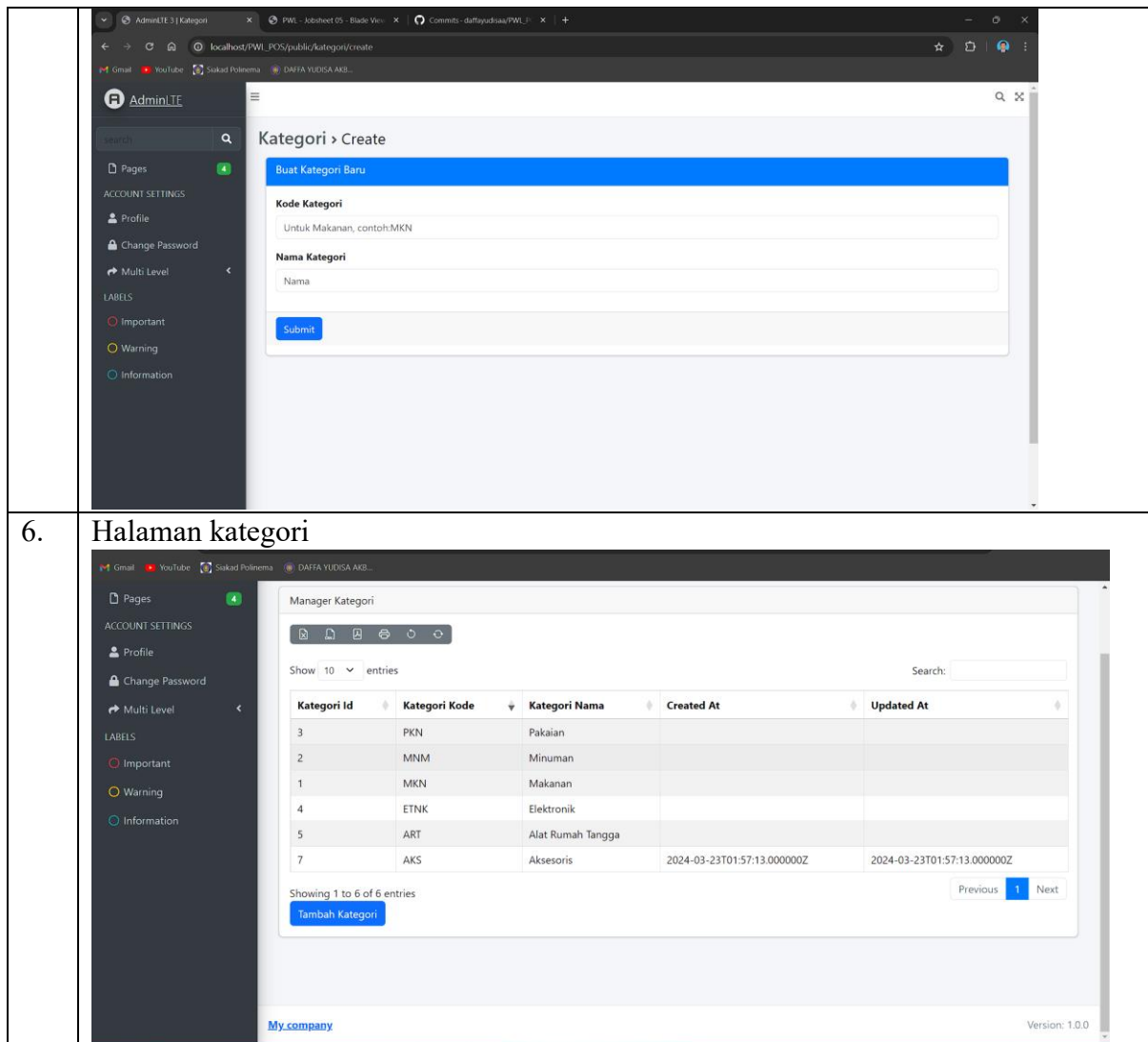
3. Dalam folder views/kategori, buatlah file dengan nama create.blade.php

```
resources > views > kategori > create.blade.php > div.container > div.card.card-primary > form > div.card-body > div.form-group > input#kategori_nama.form-control
2  {{-- Customize layout sections --}}
3  @section('subtitle', 'Kategori')
4  @section('content_header_title', 'Kategori')
5  @section('content_header_subtitle', 'Create')
6  {{-- Content body: main page content --}}
7  @section('content')
8      <div class="container">
9          <div class="card card-primary">
10             <div class="card-header">
11                 <h3 class="card-title">Buat Kategori Baru</h3>
12             </div>
13
14             <form method="POST" action=" ../kategori">
15                 <div class="card-body">
16                     <div class="form-group">
17                         <label for="kodeKategori">Kode Kategori</label>
18                         <input type="text" class="form-control" id="kategori_kode" name="kategori_kode"
19                             placeholder="Untuk Makanan, contoh:MKN">
20                     </div>
21                     <div class="form-group">
22                         <label for="namaKategori">Nama Kategori</label>
23                         <input type="text" class="form-control" id="kategori_nama" name="kategori_nama" placeholder="Nama">
24                     </div>
25                 </div>
26
27                 <div class="card-footer">
28                     <button type="submit" class="btn btn-primary">Submit</button>
29                 </div>
30             </form>
31         </div>
32     </div>
33 @endsection
```

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

```
app > Http > Middleware > VerifyCsrfToken.php > ...
1  <?php
2
3  namespace App\Http\Middleware;
4
5  use Illuminate\Foundation\Http\Middleware\VerifyCsrfToken as Middleware;
6
7  class VerifyCsrfToken extends Middleware
8  {
9      /**
10       * The URIs that should be excluded from CSRF verification.
11       *
12       * @var array<int, string>
13       */
14       protected $except = [
15           '/kategori'
16       ];
17  }
18
```

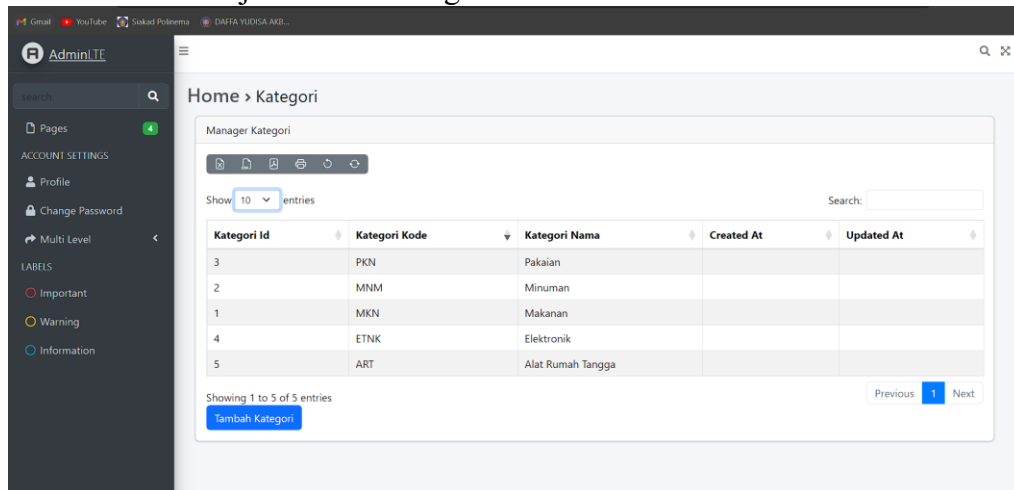
5. Akses kategori/create



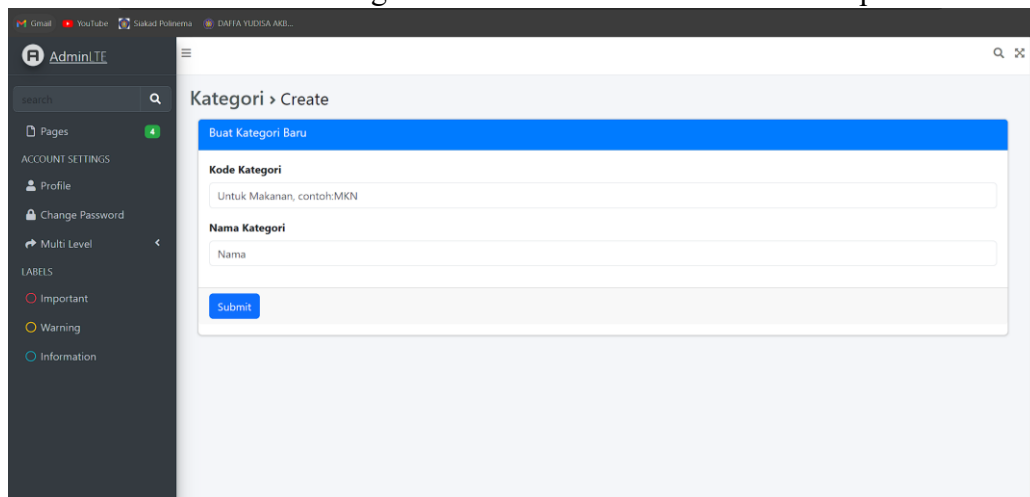
- **Tugas 1 : Tambahkan button Add di halam manage kategori, yang mengarah ke create kategori baru**

No.	Hasil Screenshot
1.	<p>Penambahan button Tambah Kategori yang akan menuju pada create kategori pada file index.blade.php</p> <pre> resources > views > kategori > index.blade.php > ... 1 @extends('layouts.app') 2 3 {{--Customixe Layout Sections--}} 4 5 @section('subtitle', 'Kategori') 6 @section('content_header_title', 'Home') 7 @section('content_header_subtitle', 'Kategori') 8 9 @section('content') 10 <div class="container"> 11 <div class="card"> 12 <div class="card-header">Manager Kategori</div> 13 <div class="card-body"> {{ \$dataTable->table() }} 14 Tambah Kategori 15 </div> 16 </div> 17 </div> 18 @endsection 19 20 @push('scripts') 21 {{ \$dataTable->scripts() }} 22 @endpush </pre>

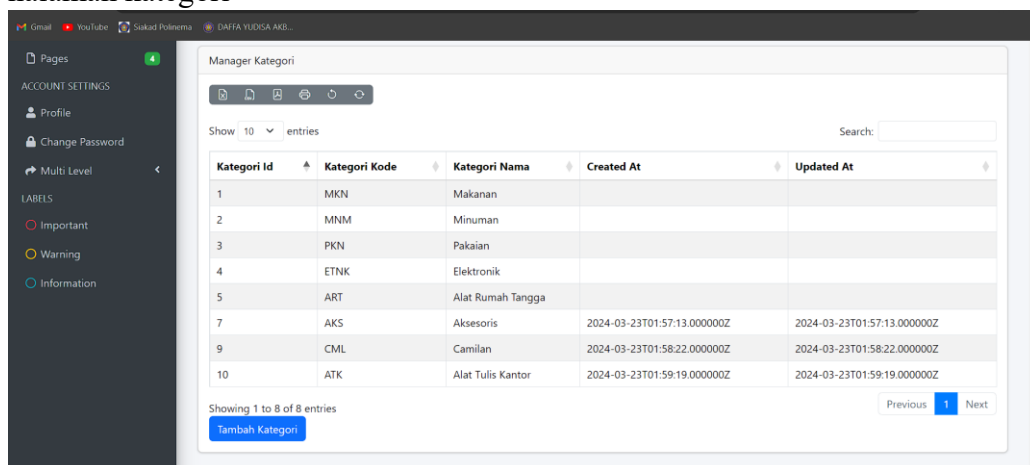
2. Hasil ketika menuju halaman kategori



Ketika tombol Tambah Kategori diklik maka akan muncul form seperti berikut



Setelah mengisi form dan menyimpan kategori, maka akan diarahkan menuju halaman kategori



- **Tugas 2: Tambahkan menu untuk halaman manage kategori, di daftar menu navbar**

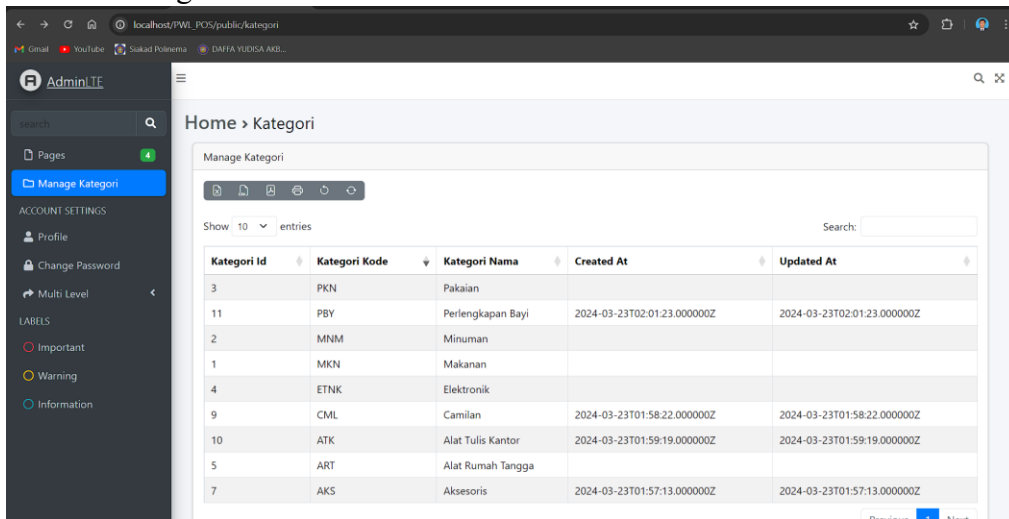
No.

Hasil Screenshot

1. Menambahkan Manage Kategori pada sidebar dengan menambahkan kode berikut pada file adminlte.php

```
KategoriModel.php x adminlte.php M menu.php composer.lock KategoriControl
config > adminlte.php
3 return [
296     'menu' => [
313         [
317             ],
318         [
319             'text' => 'pages',
320             'url' => 'admin/pages',
321             'icon' => 'far fa-fw fa-file',
322             'label' => 4,
323             'label_color' => 'success',
324         ],
325         [
326             'text' => 'Manage Kategori',
327             'url' => 'kategori',
328             'icon' => 'far fa-fw fa-folder',
329         ],
330     ],
331 ];
```

2. Manage Kategori berhasil ditambahkan pada sidebar dan ketika diklik akan menuju halaman kategori



- **Tugas 3: Tambahkan action edit di datatables dan buat halaman edit serta controllernya**

No.	Hasil Screenshot
1.	<p>Membuat kolom action yang berisi tombol edit pada file KategoriDataTable.php dengan menambahkan kode program di bawah ini</p> <pre>/** * public function dataTable(QueryBuilder \$query): EloquentDataTable * { * return (new EloquentDataTable(\$query)) * /* →addColumn('action', 'kategori.action') */ * →setRowId('id') * →addColumn('action', function(\$row){ * return 'kategori_id.'" class="edit btn-primary btn-sm">Edit'; * }); * } */</pre>


```

public function getColumns(): array
{
    return [

        Column::make('kategori_id'),
        Column::make('kategori_kode'),
        Column::make('kategori_nama'),
        Column::make('created_at'),
        Column::make('updated_at'),
        Column::make('action')

    ];
}
/**

```

2. Menambahkan function edit dan update pada file KategoriController.php

```

33     public function edit($id){
34         $kategori = KategoriModel::find($id);
35         return view('kategori.edit', ['data' => $kategori]);
36     }
37
38     public function update(Request $request, $id){
39         $kategori = KategoriModel::find($id);
40         $kategori->kategori_kode = $request->kategori_kode;
41         $kategori->kategori_nama = $request->kategori_nama;
42         $kategori->save();
43         return redirect('/kategori');
44     }
45

```

3. Membuat tampilan form edit kategori, dengan membuat file edit.blade.php

```

1  @extends('layouts.app')
2
3  @section('subtitle', 'Edit Kategori')
4  @section('content_header_title', 'Kategori')
5  @section('content_header_subtitle', 'Edit')
6
7  @section('content')
8      <div class="container">
9          <div class="card">
10             <div class="card-header">Edit Kategor</div>
11             <div class="card-body">
12                 <form action="{{ url('kategori/update', $data->kategori_id) }}" method="POST">
13                     @csrf
14                     @method('PUT')
15
16                     <div class="form-group">
17                         <label for="kategori_id">Kategori ID</label>
18                         <input type="text" class="form-control" id="kategori_id" name="kategori_id" value="{{ $data->kategori_id }}" disabled>
19                     </div>
20
21                     <div class="form-group">
22                         <label for="kategori_kode">Kategori Kode</label>
23                         <input type="text" class="form-control" id="kategori_kode" name="kategori_kode" value="{{ $data->kategori_kode }}">
24                     </div>
25
26                     <div class="form-group">
27                         <label for="kategori_nama">Kategori Nama</label>
28                         <input type="text" class="form-control" id="kategori_nama" name="kategori_nama" value="{{ $data->kategori_nama }}">
29                     </div>
30
31                     <a class="btn btn-danger" href="{{ url('/kategori') }}">Kembali</a>
32                     <button type="submit" class="btn btn-primary">Update</button>
33                 </form>
34             </div>
35         </div>
36     </div>
37
38 @endsection
39
40

```

4. Menyiapkan route pada file web.php

5.	Hasil:
----	--------

The screenshot displays the 'Manage Kategori' interface in AdminLTE. The page features a sidebar on the left with navigation options: 'Manage Kategori' (highlighted), 'ACCOUNT SETTINGS', 'Profile', 'Change Password', 'Multi Level', and 'LABELS' (including Important, Warning, and Information). The main content area is titled 'Home > Kategori' and contains a 'Manage Kategori' section. This section includes a search bar, a 'Show 10 entries' filter, and a table of categories. The table has columns for 'Kategori Id', 'Kategori Kode', 'Kategori Nama', 'Created At', 'Updated At', and 'Action'. There are 9 entries in the table, each with an 'Edit' button. At the bottom, it shows 'Showing 1 to 9 of 9 entries' and navigation links for 'Previous', '1' (current page), and 'Next'. A 'Tambah Kategori' button is located at the bottom left of the table area.

Kategori Id	Kategori Kode	Kategori Nama	Created At	Updated At	Action
3	PKN	Pakaian			Edit
11	PBV	Perlengkapan Bayi	2024-03-23T02:01:23.000000Z	2024-03-23T02:01:23.000000Z	Edit
2	MNM	Minuman			Edit
1	MKN	Makanan			Edit
4	ETNK	Elektronik			Edit
9	CML	Camilan	2024-03-23T01:58:22.000000Z	2024-03-23T01:58:22.000000Z	Edit
10	ATP	Alat Tulis Premium	2024-03-23T01:59:19.000000Z	2024-03-24T07:45:06.000000Z	Edit
5	ART	Alat Rumah Tangga			Edit
7	AKS	Aksesoris	2024-03-23T01:57:13.000000Z	2024-03-23T01:57:13.000000Z	Edit

- **Tugas 4:** Tambahkan action delete di datatables serta controllernya

[illegible]

```

45
46 public function destroy($id) {
47     KategoriModel::find($id)→delete();
48
49     return redirect('/kategori');
50 }
51
52 // $data=

```

3. Menyiapkan route seperti gambar di bawah ini

```

37 Route::put('/kategori/update/{id}', [KategoriController::class, 'update'])->name('kategori.update');
38 Route::get('/kategori/delete/{id}', [KategoriController::class, 'destroy'])->name('kategori.delete');

```

4. Sebelum data kategori dihapus

Manage Kategori

Show 10 entries

Kategori id	Kategori Kode	Kategori Nama	Created At	Updated At	Action
3	PKN	Pakaian	2024-03-23T02:01:23.000000Z	2024-03-23T02:01:23.000000Z	Edit Delete
11	PBY	Perlengkapan Bayi	2024-03-23T02:01:23.000000Z	2024-03-23T02:01:23.000000Z	Edit Delete
2	MNM	Minuman			Edit Delete
1	MKN	Makanan			Edit Delete
4	ETNK	Elektronik			Edit Delete
9	CML	Camilan	2024-03-23T01:58:22.000000Z	2024-03-23T01:58:22.000000Z	Edit Delete
10	ATP	Alat Tulis Premium	2024-03-23T01:59:19.000000Z	2024-03-24T07:45:06.000000Z	Edit Delete
5	ART	Alat Rumah Tangga			Edit Delete
7	AKS	Aksesoris	2024-03-23T01:57:13.000000Z	2024-03-23T01:57:13.000000Z	Edit Delete

Showing 1 to 9 of 9 entries

[Tambah Kategori](#)

My company Version: 1.0.0

Setelah kategori id 10 dan 11 dihapus

Home > Kategori

Manage Kategori

Show 10 entries

Kategori id	Kategori Kode	Kategori Nama	Created At	Updated At	Action
3	PKN	Pakaian			Edit Delete
2	MNM	Minuman			Edit Delete
1	MKN	Makanan			Edit Delete
4	ETN	Elektronik		2024-03-24T07:54:47.000000Z	Edit Delete
9	CML	Camilan	2024-03-23T01:58:22.000000Z	2024-03-23T01:58:22.000000Z	Edit Delete
5	ART	Alat Rumah Tangga			Edit Delete
7	AKS	Aksesoris	2024-03-23T01:57:13.000000Z	2024-03-23T01:57:13.000000Z	Edit Delete

Showing 1 to 7 of 7 entries

[Tambah Kategori](#)