

PRAKTIKUM PEMROGRAMAN WEB LANJUT

TUGAS PERTEMUAN 5

Blade View, Web Templating (AdminLTE), Datatables

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PROGRAM STUDI D-IV TEKNIK INFORMATIKA

JURUSAN TEKNOLOGI INFORMASI

POLITEKNIK NEGERI MALANG

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Praktikum 1 – Integrasi Laravel dengan AdminLTE3

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

```
composer require jeroennoten/laravel-adminlte
Using version ^3.15 for jeroennoten/laravel-adminlte
PS C:\laragon\www\Web_Lanjut\Minggu 5\PWL_POS>
```

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

```
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

```
{ } composer.json > ...
1  {
2      "name": "laravel/laravel",
3      "type": "project",
4      "description": "The skeleton application for the Laravel framework.",
5      "keywords": ["laravel", "framework"],
6      "license": "MIT",
7      "require": {
8          "php": "^8.1",
9          "guzzlehttp/guzzle": "^7.2",
10         "jeroennoten/laravel-adminlte": "^3.9",
11         "laravel/framework": "^10.10",
12         "laravel/sanctum": "^3.3",
13         "laravel/tinker": "^2.8"
14     },
15     "require-dev": {
16         "fakerphp/faker": "^1.9.1",
17         "laravel/pint": "^1.0",
18         "laravel/sail": "^1.18",
19         "mockery/mockery": "^1.4.4",
20         "nunomaduro/collision": "^7.0",
21         "phpunit/phpunit": "^10.1",
22         "spatie/laravel-ignition": "^2.0"
23     },
24     "autoload": {
25         "psr-4": {
```

Jawab :

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

```
"jeroennoten/laravel-adminlte": "^3.15",
```

Instalasi berhasil.

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

```
Minggu 5 > PWL_POS > resources > views > layouts > app.blade.php > ...
1  @extends('adminlte::page')
2
3  {{-- Extend and customize the browser title --}}
4
5  @section('title')
6      {{ config('adminlte.title') }}
7      @hasSection('subtitle') | @yield('subtitle') @endif
8  @stop
9
10 @vite('resources/js/app.js')
11
12 {{-- Extend and customize the page content header --}}
13
14 @section('content_header')
15     @hasSection('content_header_title')
16         <h1 class="text-muted">
17             @yield('content_header_title')
18         @hasSection('content_header_subtitle')
19             <small class="text-dark">
20                 <i class="fas fa-xs fa-angle-right text-muted"></i>
21                 @yield('content_header_subtitle')
22             </small>
23         @endif
24     @endif
25 </h1>
26 @endif
27 @stop
28 {{-- Rename section content to content_body --}}
29 @section('content')
30     @yield('content_body')
31 @stop
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 @stop
45 {{-- Add common Javascript/Jquery code --}}
46 @push('js')
47     $(document).ready(function() {
48         // Add your common script logic here...
49     });
50 @endpush
51
52 {{-- Add common CSS customizations --}}
53 @push('css')
54     <style type="text/css">
55         {{-- You can add AdminLTE customizations here --}}
56         /*
57         .card-header {
58             order-bottom: none;
59         }
60         .card-title {
61             font-weight: 600;
62         }
63         */
64     </style>
65 @endpush
```

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

```

Minggu 5 > PWL_POS > resources > views > welcome.blade.php > ...
1  @extends('layouts.app')
2
3  @section('subtitle', 'Welcome')
4  @section('content_header_title', 'Home')
5  @section('content_header_subtitle', 'Welcome')
6
7  @section('content_body')
8      <p>Welcome to this beautiful admin panel</p>
9  @stop
10
11  @push('css')
12
13  @endpush
14
15  @push('js')
16      <script>console.log("Hi, I'm using the Laravel-AdminLTE peckage"); </script>
17  @endpush
18

```

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

Template yields di beberapa bagian terklasifikasi dalam 2 yield:

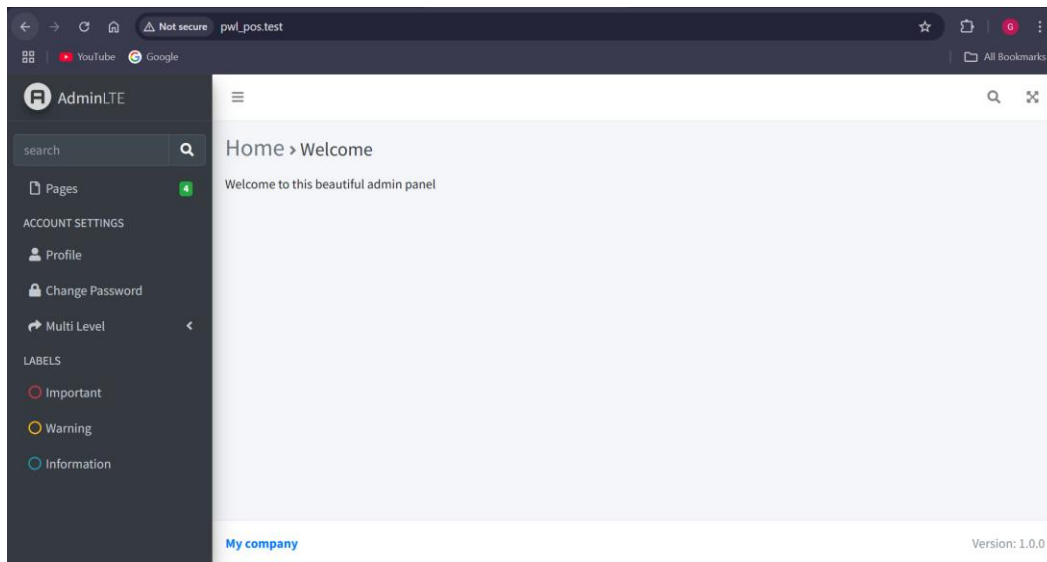
- **main**: Biasa digunakan untuk extending the layout
- **misc**: untuk kasus yang tidak biasa, atau hanya situasi tertentu.

Dokumentasi lebih detail terdapat di link berikut:

<https://github.com/jeroennoten/LaravelAdminLTE/wiki/Usage>

5. Kembali ke browser, menuju ke halaman awal.

Jawab :



Commit :

https://github.com/Gilangp/Pemrograman_Web_Lanjut/commit/7ac98b33773f7a00ac3e950b481dfca50160583f

Praktikum 2 – Integrasi dengan DataTables

1. Install Laravel DataTables

```
composer require laravel/ui --dev
composer require yajra/laravel-datatables:^10.0
```

```
PS C:\laragon\www\Web_Lanjut\Minggu 5\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
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
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

87 packages you are using are looking for funding.
Use the `composer fund` command to find out more!
```

2. Pastikan nodejs sudah terinstall, dengan perintah `npm -v`. Jika belum install nodejs package manager dari <https://nodejs.org/dist/v20.11.1/nodev20.11.1-x64.msi> Npm digunakan untuk manajemen package javascript.

```
PS C:\laragon\www\Web_Lanjut\Minggu 5\PWL_POS> npm -v
8.18.0
```

3. Install Laravel DataTables Vite dan sass

```
npm i laravel-datatables-vite --save-dev
npm install -D sass
```

```
PS C:\laragon\www\Web_Lanjut\Minggu 5\PWL_POS> npm i laravel-datatables-vite --save-dev
added 47 packages, and audited 48 packages in 1m

13 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

npm notice
npm notice New major version of npm available! 8.18.0 -> 11.2.0
npm notice Changelog: https://github.com/npm/cli/releases/tag/v11.2.0
npm notice Run `npm install -g npm@11.2.0` to update!
npm notice
PS C:\laragon\www\Web_Lanjut\Minggu 5\PWL_POS> npm install -D sass
added 15 packages, and audited 63 packages in 9s

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.
```

4. Edit file resources/js/app.js

```
Minggu 5 > PWL_POS > resources > js > JS app.js
1  import './bootstrap';
2  import '../sass/app.scss';
3  import 'laravel-datatables-vite';
4
```

5. Buatlah file resources/sass/app.scss

```
Minggu 5 > PWL_POS > resources > sass > app.scss
1  // fonts
2  @import url('https://fonts.bunny.net/css?family=Nunito');
3
4  // Bootstrap
5  @import 'bootstrap/scss/bootstrap';
6
7  // DataTables
8  @import 'bootstrap-icons/font/bootstrap-icons.css';
9  @import 'datatables.net-bs5/css/dataTables.bootstrap5.min.css';
10 @import 'datatables.net-buttons-bs5/css/buttons.bootstrap5.min.css';
11 @import 'datatables.net-select-bs5/css/select.bootstrap5.css';
12
```

6. Jalankan dengan npm run dev

```
PS C:\laragon\www\Web_Lanjut\Minggu 5\PWL_POS> npm run dev

> dev
> vite

VITE v5.4.14 ready in 3096 ms

→ Local: http://localhost:5173/
→ Network: use --host to expose
→ press h + enter to show help

LARAVEL v10.48.28 plugin v1.2.0

→ APP_URL: http://localhost
```

7. Selanjutnya kita akan buat datatables untuk kategori

[php artisan datatables:make Kategori](#)

```
PS C:\laragon\www\Web_Lanjut\Minggu 5\PWL_POS> php artisan datatables:make Kategori

INFO DataTable [C:\laragon\www\Web_Lanjut\Minggu 5\PWL_POS\app\DataTables\KategoriDataTable.php] created successfully.
```

8. Kita edit KategoriDataTable untuk mengatur kolom apa saja yang ingin ditampilkan
Sesuaikan dengan kodeprogram berikut

Minggu 5 > PWL_POS > app > DataTables > KategoriDataTable.php > PHP Intelephense > KategoriDataTable > html

```
1 <?php
2
3 namespace App\DataTables;
4
5 use App\Models\KategoriModel;
6 use Yajra\DataTables\Html\Button;
7 use Yajra\DataTables\Html\Column;
8 use Yajra\DataTables\Services\DataTable;
9 use Yajra\DataTables\Html\Editor\Fields;
10 use Yajra\DataTables\Html\Editor\Editor;
11 use Illuminate\Database\Eloquent\Builder as QueryBuilder;
12 use Yajra\DataTables\EloquentDataTable;
13 use Yajra\DataTables\Html\Builder as HtmlBuilder;
14
15 Codeium: Refactor | Explain
16 class KategoriDataTable extends DataTable
17 {
18     /**
19      * Build the DataTable class.
20      *
21      * @param QueryBuilder $query Results from query() method.
22      */
23     Codeium: Refactor | Explain | X
24     public function dataTable(QueryBuilder $query): EloquentDataTable
25     {
26         return (new EloquentDataTable($query))
27             // ->addColumn('action', 'kategori.action')
28             ->setRowId('id');
29     }
30
31     /**
32      * Get the query source of dataTable.
33      */
34     Codeium: Refactor | Explain | X
35     public function query(KategoriModel $model): QueryBuilder
36     {
37         return $model->newQuery();
38     }
39
40     /**
41      * Optional method if you want to use the html builder.
42      */
43     public function html(): HtmlBuilder
44     {
45         return $this->builder()
46             ->setTableId('kategori-table')
47             ->columns($this->getColumns())
48             ->minifiedAjax()
49             // ->dom('Bfrtip') jika ingin menampilkan button excel, csv, pdf, dll maka aktifkan ini.
50             ->orderBy(1)
51             ->selectStyleSingle()
52             ->buttons([
53                 Button::make('excel'),
54                 Button::make('csv'),
55                 Button::make('pdf'),
56                 Button::make('print'),
57                 Button::make('reset'),
58                 Button::make('reload')
59             ]);
60     }
61
62     /**
63      * Get the dataTable columns definition.
64      */
65     public function getColumns(): array
66     {
67         return [
68             // Column::computed('action')
69             // ->exportable(false)
70             // ->printable(false)
71             // ->width(60)
72             // ->addClass('text-center'),
73             Column::make('kategori_id'),
74             Column::make('kategori_kode')->addClass('text-start'),
75             Column::make('kategori_nama'),
76             Column::make('created_at'),
77             Column::make('updated_at'),
78         ];
79     }
80
81     /**
82      * Get the filename for export.
83      */
84     protected function filename(): string
85     {
86         return 'Kategori_' . date('YmdHis');
87     }
88 }
```

9. Ubah kategori model, sesuaikan seperti berikut

```
Minggu 5 > PWL_POS > app > Models > KategoriModel.php > ...
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     protected $table = 'm_kategori';
12     protected $primaryKey = 'kategori_id';
13
14     protected $fillable = ['kategori_kode', 'kategori_nama'];
15
16     public function barang(): HasMany
17     {
18         return $this->hasMany(BarangModel::class, 'barang_id', 'barang_id');
19     }
20 }
21
```

10. Ubah Kategori Controller sesuaikan dengan skrip berikut:

```
Minggu 5 > PWL_POS > app > Http > Controllers > KategoriController.php > ...
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()
12     // {
13     //     // $data = [
14     //     //     'kategori_kode' => 'SNK',
15     //     //     'kategori_nama' => 'Snack/Makanan Ringan',
16     //     //     'created_at' => now()
17     //     // ];
18     //     // DB::table('m_kategori')->insert($data);
19     //     // return 'Insert data baru berhasil';
20
21     //     // $row = DB::table('m_kategori')->where('kategori_kode', 'SNK')->update(['kategori_nama' => 'Camilan']);
22     //     // return 'Update data berhasil. Jumlah data yang diupdate: ' . $row.' baris';
23
24     //     // $row = DB::table('m_kategori')->where('kategori_kode', 'SNK')->delete();
25     //     // return 'Delete data berhasil. Jumlah data yang dihapus: ' . $row.' baris';
26
27     //     // $data = DB::table('m_kategori')->get();
28     //     // return view('kategori', ['data' => $data]);
29     // }
30
31     public function index(KategoriDataTable $dataTable)
32     {
33         return $dataTable->render('kategori.index');
34     }
35 }

```

11. Buat folder kategori di dalam resources/view, kemudian buat view blade index untuk kategori [resources/views/kategori/index.blade.php](#)

```
Minggu 5 > PWL_POS > resources > views > kategori > index.blade.php > ...
1 @extends('layouts.app')
2
3 @section('subtitle', 'Kategori')
4 @section('content_header_title', 'Home')
5 @section('content_header_subtitle', 'Kategori')
6
7 @section('content')
8     <div class="container">
9         <div class="card">
10             <div class="card-header">Manage Kategori</div>
11             <div class="card-body">
12                 {{ $dataTable->table(['class' => 'table-striped']) }}
13             </div>
14         </div>
15     </div>
16 @endsection
17
18 @push('scripts')
19     {{ $dataTable->scripts() }}
20 @endpush
21
```


12. Pastikan route untuk kategori sudah tersedia

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

13. Sesuaikan app layout seperti kode berikut

```
Minggu 5 > PWL_POS > resources > views > layouts > app.blade.php > ...
1  @extends('adminlte::page')
2
3  {{-- Extend and customize the browser title --}}
4
5  @section('title')
6      {{ config('adminlte.title') }}
7      @hasSection('subtitle') | @yield('subtitle') @endif
8  @stop
9
10 @vite('resources/js/app.js')
11
12 {{-- Extend and customize the page content header --}}
13
14 @section('content_header')
15     @hasSection('content_header_title')
16         <h1 class="text-muted">
17             @yield('content_header_title')
18         @endif
19         @hasSection('content_header_subtitle')
20             <small class="text-dark">
21                 <i class="fas fa-xs fa-angle-right text-muted"></i>
22                 @yield('content_header_subtitle')
23             </small>
24         @endif
25     </h1>
26 @endif
27 @stop
28 {{-- Rename section content to content_body --}}
29 @section('content')
30     @yield('content_body')
31 @stop
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 {{-- Add common Javascript/Jquery code --}}
44 @push('js')
45     <script src="https://cdn.datatables.net/2.0.2/js/dataTables.js"></script>
46 @endpush
47
48 @stack('scripts')
49
50 {{-- Add common CSS customizations --}}
51 @push('css')
52     <link rel="stylesheet" href="https://cdn.datatables.net/2.0.2/css/dataTables.dataTables.css" />
53
54     <style type="text/css">
55         {{-- You can add AdminLTE customizations here --}}
56         /*
57         .card-header {
58             order-bottom: none;
59         }
60         .card-title {
61             font-weight: 600;
62         }
63         */
64     </style>
65 @endpush
66
```

14. Menetapkan ViteJs / script type defaults

```

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

```

15. Isikan beberapa data ke table kategori

Jawab :

 			kategori_id	kategori_kode	kategori_nama	created_at	updated_at	
<input type="checkbox"/>	 Edit	 Copy	 Delete	1	K001	Bayi & Anak-anak	NULL	NULL
<input type="checkbox"/>	 Edit	 Copy	 Delete	2	K002	Kecantikan & Kesehatan	NULL	NULL
<input type="checkbox"/>	 Edit	 Copy	 Delete	3	K003	Makanan & Minuman	NULL	NULL
<input type="checkbox"/>	 Edit	 Copy	 Delete	4	K004	Perawatan Rumah	NULL	NULL
<input type="checkbox"/>	 Edit	 Copy	 Delete	5	K005	Elektronik	NULL	NULL

16. Datatables sudah dapat di load di /kategori

Jawab :

Commit :

https://github.com/Gilangp/Pemrograman_Web_Lanjut/commit/7e530bc16cc29765f08f2e2927e891d4f33bda49

Praktikum 3 – Membuat form kemudian menyimpan data dalam database

1. Menyesuaikan routing, tambahkan dua routing berikut

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

2. Tambahkan dua function berikut dalam KategoriController

```
Minggu 5 > PWL_POS > app > Http > Controllers > KategoriController.php > ...
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use Illuminate\Http\Request;
6  use App\Models\KategoriModel;
7  use Illuminate\Support\Facades\DB;
8  use App\DataTables\KategoriDataTable;
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         KategoriModel::create([
25             'kategori_kode' => $request->kodeKategori,
26             'kategori_nama' => $request->namaKategori,
27         ]);
28         return redirect('/kategori');
29     }
30 }
31
```

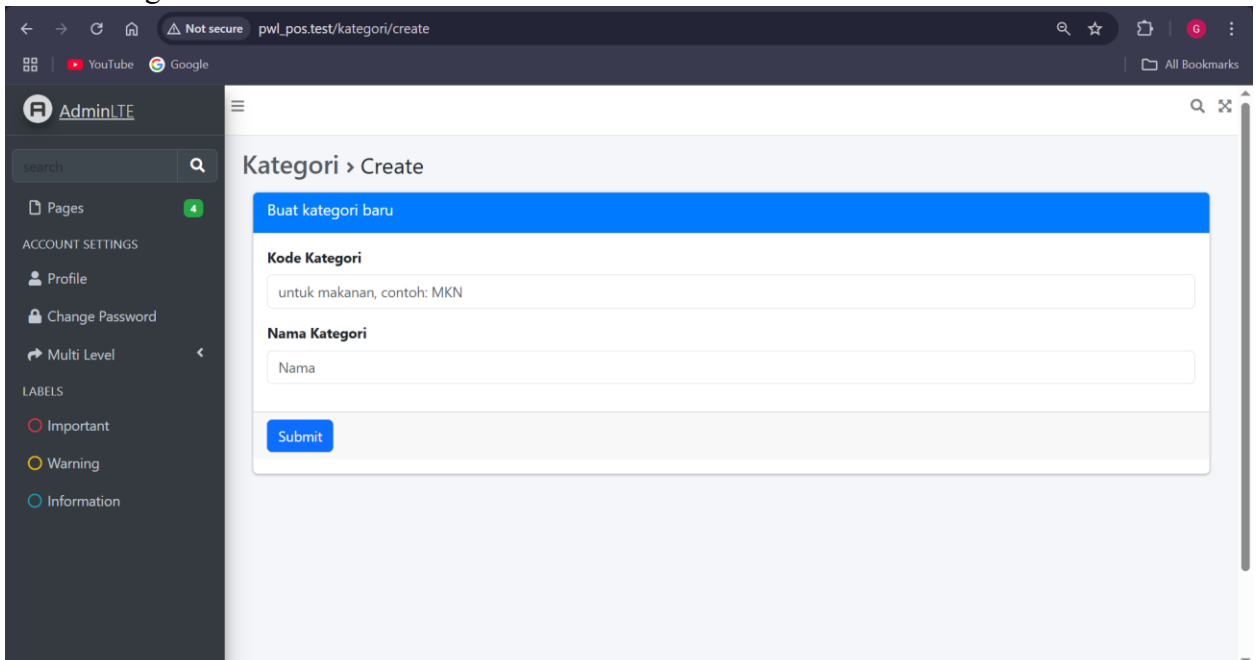
3. Dalam folder `views/kategori`, buatlah file dengan nama `create.blade.php`

```
Minggu 5 > PWL_POS > resources > views > kategori > create.blade.php > div.container > div.card.card-primary > form
1  @extends('layouts.app')
2
3  @section('subtitle', 'Kategori')
4  @section('content_header_title', 'Kategori')
5  @section('content_header_subtitle', 'Create')
6
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="kodeKategori" name="kodeKategori" placeholder="untuk makanan, contoh: MKN">
19                     </div>
20                     <div class="form-group">
21                         <label for="namaKategori">Nama Kategori</label>
22                         <input type="text" class="form-control" id="namaKategori" name="namaKategori" placeholder="Nama">
23                     </div>
24                 </div>
25
26                 <div class="card-footer">
27                     <button type="submit" class="btn btn-primary">Submit</button>
28                 </div>
29             </form>
30         </div>
31     </div>
32 @endsection
33
```

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

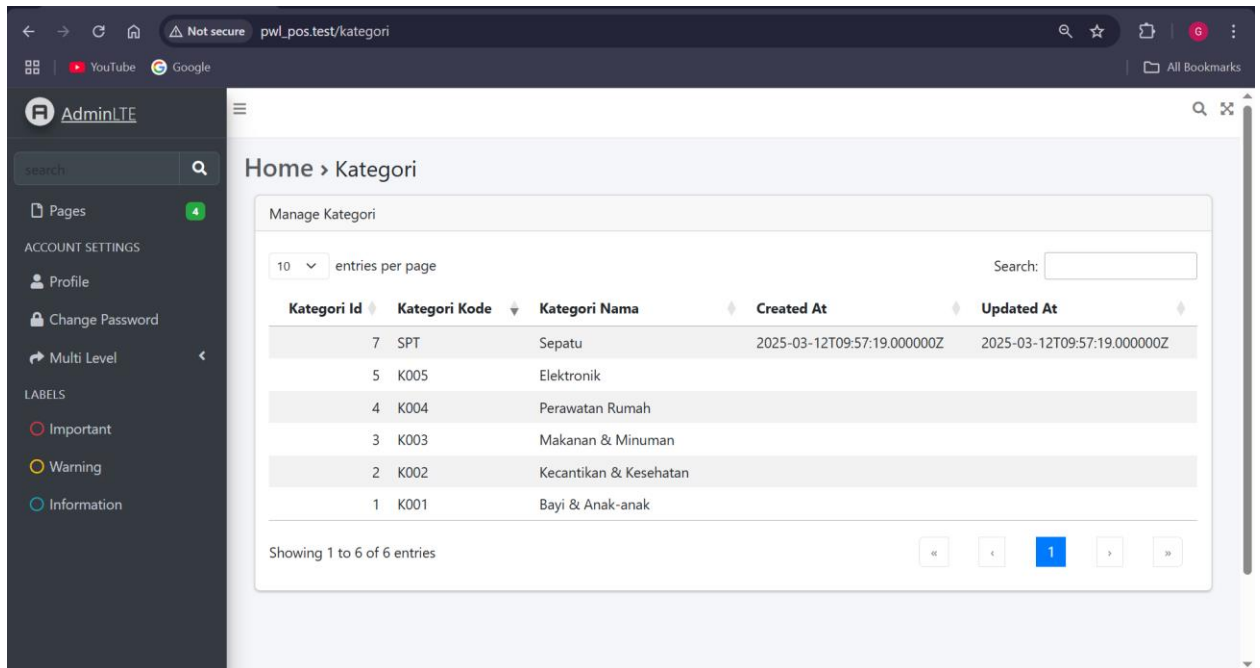
```
Minggu 5 > PWL_POS > app > Http > Middleware > VerifyCsrfToken.php > ...
1  <?php
2
3  namespace App\Http\Middleware;
4
5  use Illuminate\Foundation\Http\Middleware\VerifyCsrfToken as Middleware;
6
7  class VerifyCsrfToken extends Middleware
8  {
9      /**
10       * The URIs that should be excluded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

5. Akses kategori/create



The screenshot shows a web browser at the URL `pw1_pos.test/kategori/create`. The page is titled "Kategori > Create". On the left is a sidebar for "AdminLTE" with a search bar and a list of menu items: "Pages" (with a green badge showing "4"), "ACCOUNT SETTINGS", "Profile", "Change Password", "Multi Level", and "LABELS" (with sub-items: "Important", "Warning", "Information"). The main content area contains a form titled "Buat kategori baru". The form has two input fields: "Kode Kategori" with a placeholder text "untuk makanan, contoh: MKN" and "Nama Kategori" with a placeholder text "Nama". A blue "Submit" button is located at the bottom of the form.

6. Halaman kategori



Commit :

https://github.com/Gilangp/Pemrograman_Web_Lanjut/commit/881b5538238635216dd40083ad0bfbec2b4743d5

Tugas Praktikum

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

Jawab :

Kode Program

```
<div class="card-body">
  <div class="d-flex justify-content-between align-items-center mb-2">
    <a href="/kategori/create" class="btn btn-primary btn-sm px-3">
      <i class="fas fa-plus"></i> Add
    </a>
  </div>
  {{ $dataTable->table(['class' => 'table-striped']) }}
</div>
```

Output :

Manage Kategori

[+ Add](#)

10 entries per page Search:

Kategori Id	Kategori Kode	Kategori Nama	Created At	Updated At
7	SPT	Sepatu	2025-03-12T09:57:19.000000Z	2025-03-12T09:57:19.000000Z
5	K005	Elektronik		
4	K004	Perawatan Rumah		
3	K003	Makanan & Minuman		
2	K002	Kecantikan & Kesehatan		
1	K001	Bayi & Anak-anak		

Showing 1 to 6 of 6 entries

« < 1 > »

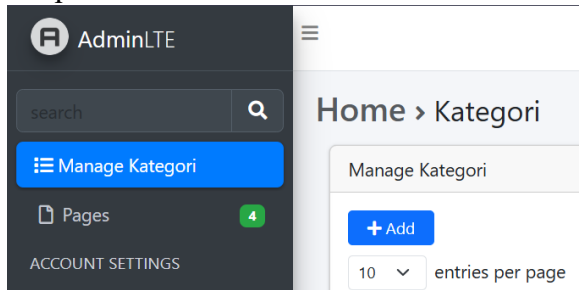
- Tambahkan menu untuk halaman manage kategori, di daftar menu navbar

Jawab :

Kode Program :

```
Minggu 5 > PWL_POS > config > adminlte.php
3 return [
301 'menu' => [
323 [
324 'text' => 'Manage Kategori',
325 'url' => 'kategori',
326 'icon' => 'fas fa-list',
327 ],
]
```

Output :



- Tambahkan action edit di datatables dan buat halaman edit serta controllernya

Jawab :

Kode Program :

Datatables

```
Minggu 5 > PWL_POS > app > DataTables > KategoriDataTable.php > PHP Intelephense > KategoriDataTable
15 class KategoriDataTable extends DataTable
22 public function dataTable(QueryBuilder $query): EloquentDataTable
24 {
25     return (new EloquentDataTable($query))
26         ->addColumn('action', function($row){
27             return '<a href="/kategori/edit/" . $row->kategori_id . "" class="btn btn-warning btn-sm">Edit</a>';
28         })
29         ->rawColumns(['action'])
30         ->setRowId('kategori_id');
31 }
```

```

        Column::make('kategori_id'),
        Column::make('kategori_kode')->addClass('text-start'),
        Column::make('kategori_nama'),
        Column::make('created_at'),
        Column::make('updated_at'),
        Column::computed('action')
        ->exportable(false)
        ->printable(false)
        ->addClass('text-center'),
    ];
}

```

Controller

```

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

public function update($id, Request $request)
{
    $kategori = KategoriModel::find($id);
    $kategori->kategori_kode = $request->kategori_kode;
    $kategori->kategori_nama = $request->kategori_nama;

    $kategori->save();

    return redirect('/kategori');
}

```

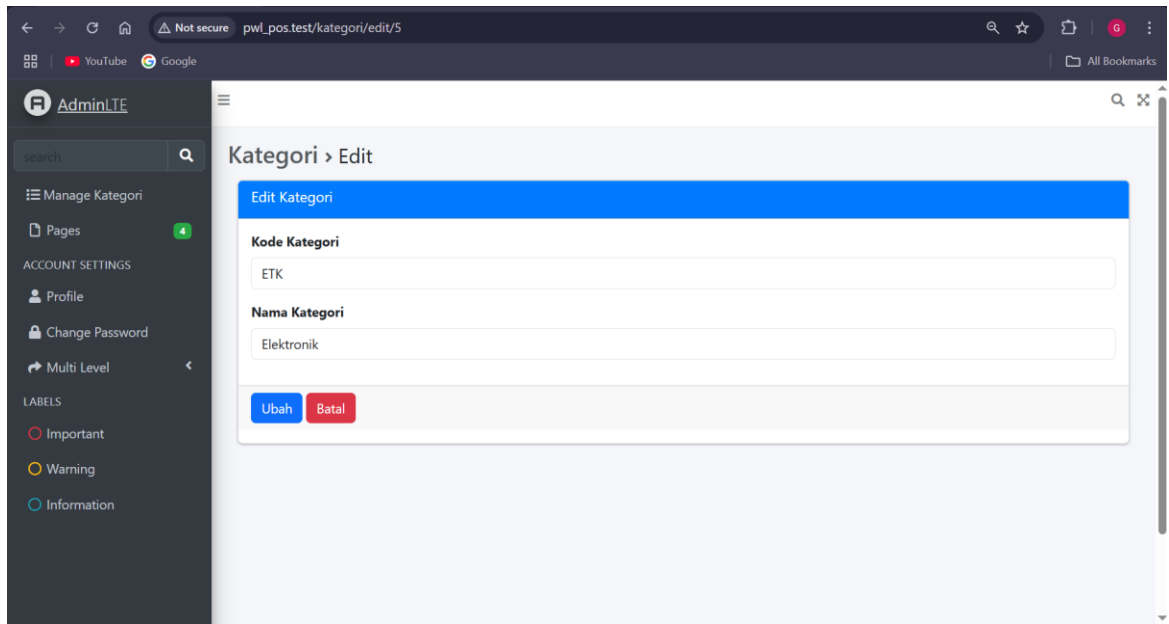
View

```

Minggu 5 > PWL_POS > resources > views > kategori > edit.blade.php > ...
1  @extends('layouts.app')
2
3  @section('subtitle', '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 card-primary">
10             <div class="card-header">
11                 <h3 class="card-title">Edit Kategori</h3>
12             </div>
13
14             <form method="post" action="/kategori/update/{{ $data->kategori_id }}">
15                 @csrf
16                 @method('PUT')
17
18                 <div class="card-body">
19                     <div class="form-group">
20                         <label for="kodeKategori">Kode Kategori</label>
21                         <input type="text" class="form-control" id="kodeKategori" name="kategori_kode" value="{{ $data->kategori_kode }}" placeholder="contoh: MKM" required>
22                     </div>
23
24                     <div class="form-group">
25                         <label for="namaKategori">Nama Kategori</label>
26                         <input type="text" class="form-control" id="namaKategori" name="kategori_nama" value="{{ $data->kategori_nama }}" placeholder="Nama" required>
27                     </div>
28                 </div>
29
30                 <div class="card-footer">
31                     <button type="submit" class="btn btn-primary">Ubah</button>
32                     <a href="/kategori" class="btn btn-danger">Batal</a>
33                 </div>
34             </form>
35         </div>
36     </div>
37 @endsection
38

```

Output :



4. Tambahkan action delete di datatables serta controllernya

Jawab :

Kode Program :

Datatables

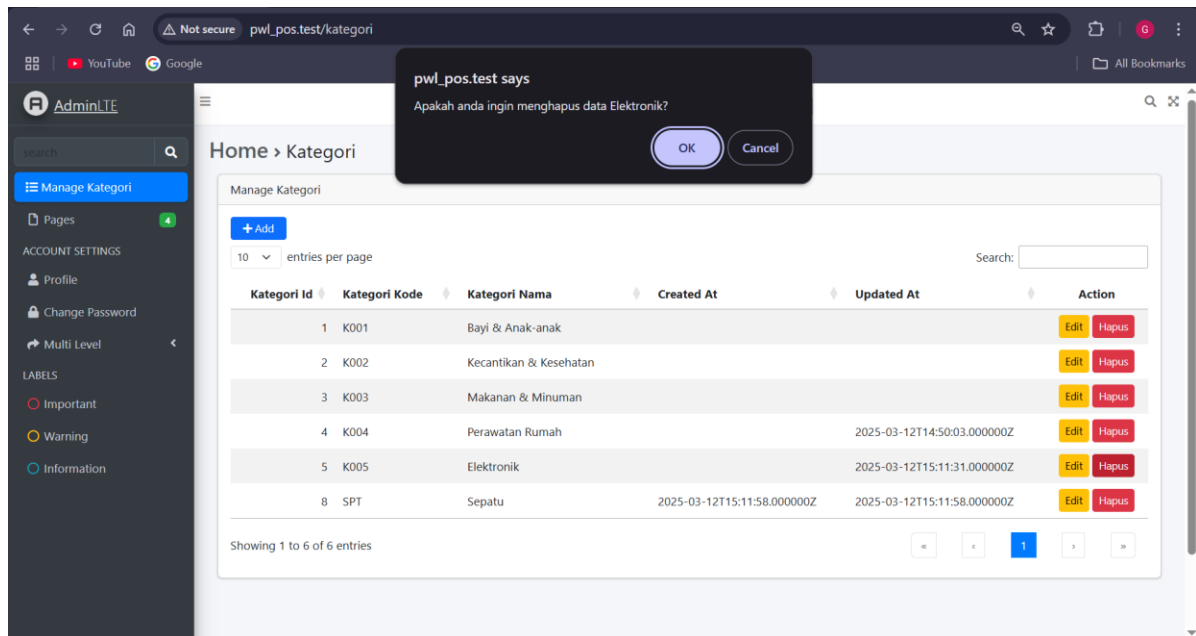
```
return (new EloquentDataTable($query))
->addColumn('action', function($row){
    return '<a href="/kategori/edit/" . $row->kategori_id . "" class="btn btn-warning btn-sm">Edit</a>'
    . '<a href="/kategori/hapus/" . $row->kategori_id . "" class="btn btn-danger btn-sm" onclick="return confirm(\''Apakah anda ingin menghapus data ' . $row->kategori_nama . '?'\')">Hapus</a>'
    . ' ';
})
->rawColumns(['action'])
->setRowId('kategori_id');
```

Controller

```
public function hapus($id)
{
    $kategori = KategoriModel::find($id);
    $kategori->delete();

    return redirect('/kategori');
}
```

Output :



Commit :

https://github.com/Gilangp/Pemrograman_Web_Lanjut/commit/0558c62405a1622668e4afebb549b16ebdf29ad2