Jurusan Teknologi Informasi Politeknik Negeri Malang

**Jobsheet-5: Blade View, Web Templating(AdminLTE), Datatables**

Mata Kuliah : Pemrograman Web Lanjut

| | | |
|---|---|---|
| **Nama** | : | JIHAN KARUNIA PUTRI |
| **NIM** | : | 2241720031 |
| **Kelas** | : | TI - 2H |

## LEMBAR JAWABAN JOBSHEET 5

## Blade View, Web Templating(AdminLTE), Datatables

### Praktikum 1 – Integrasi Laravel dengan AdminLte3

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

```
PS C:\laragon\www\PWL_POS> composer require jeroennoten/laravel-adminlte
```

```
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
Lock file operations: 2 installs, 0 updates, 0 removals
  - Locking almasaeed2010/adminlte (v3.2.0)
  - Locking jeroennoten/laravel-adminlte (v3.11.0)
Writing lock file
Installing dependencies from lock file (including require-dev)
Package operations: 2 installs, 0 updates, 0 removals
  - Downloading almasaeed2010/adminlte (v3.2.0)
  - Downloading jeroennoten/laravel-adminlte (v3.11.0)
  - 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
  spatie/laravel-ignition ..... DONE

84 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].

https://repo.packagist.org could not be fully loaded (curl error 35 while downloading https://r
epo.packagist.org/p2/carbonphp/carbon-doctrine-types.json: Recv failure: Connection was reset),
 package information was loaded from the local cache and may be out of date
No security vulnerability advisories found.
Using version ^3.11 for jeroennoten/laravel-adminlte
```

2. Melakukan instalasi requirement project

```
PS C:\laragon\www\PWL_POS> php artisan adminlte:install
```

```
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.
```

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

resources > views > layout > app.blade.php > style

```
@extends('adminlte::page')

{{-- Extend and customize the browser title --}}

@section('title')
    {{ config('adminlte.title') }}
    @hasSection('subtitle') | @yield('subtitle') @endif
@stop

{{-- Extend and customize the page content header --}}

@section('content_header')
    @hasSection('content_header_title')
        <h1 class="text-muted">
            @yield('content_header_title')

            @hasSection('content_header_subtitle')
                <small class="text-dark">
                    <i class="fas fa-xs fa-angle-right text-muted"></i>
                    @yield('content_header_subtitle')
                </small>
            @endif
        </h1>
    @endif
@stop

{{-- Rename section content to content_body --}}

@section('content')
    @yield('content_body')
@stop

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

@section('footer')
    <div class="float-right">
```

resources > views > layout > app.blade.php > ...

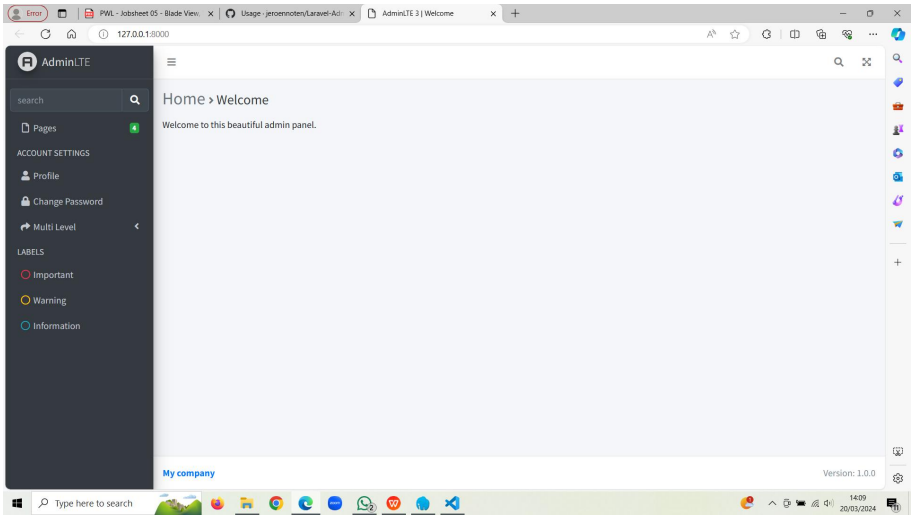
```
    <div class="float-right">
        Version: {{ config('app.version', '1.0.0') }}
    </div>

    <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

{{-- Add common CSS customizations --}}

@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 resources/views/welcome.blade.php, kemudian replace seluruh kodenya

resources > views > welcome.blade.php > ...

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

{{-- Customize layout sections --}}

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

{{-- Content body: main page content --}}

@section('content_body')
    <p>Welcome to this beautiful admin panel.</p>
@stop

{{-- Push extra CSS --}}

@push('css')
    {{-- Add here extra stylesheets --}}
    {{-- <link rel="stylesheet" href="/css/admin_custom.css"> --}}
@endpush

{{-- Push extra scripts --}}

@push('js')
    <script> console.log("Hi, I'm using the Laravel-AdminLTE package!"); </script>
@endpush
```

5. Kembali ke browser, menuju ke halaman awal.




## Praktikum 2 – Integrasi dengan DataTables

1. Install Laravel DataTables

```
PS C:\laragon\www\PWL_POS> composer require laravel/ui --dev
```

```
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
  spatie/laravel-ignition ..... DONE

84 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> composer require yajra/laravel-datatables:^10.0
The "10.0" constraint for "yajra/laravel-datatables" appears too strict and will likely not mat
ch 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)
  - Installing yajra/laravel-datatables-buttons (v10.0.9): Extracting arc
hive
  - Installing yajra/laravel-datatables (v10.0.0): Extracting archive
8 package suggestions were added by new dependencies, use `composer sugge
st` to see details.
Generating optimized autoload files
> Illuminate\Foundation\ComposerScripts::postAutoloadDump
> @php artisan package:discover --ansi

  INFO  Discovering packages.

  jeroennoten/laravel-adminlte ........................................hive
............... DONE                                                   ve
  laravel/sail ........................................................
............... DONE                                                   hive
  laravel/sanctum .....................................................ive
............... DONE                                                   hive
  laravel/tinker ......................................................
............... DONE                                                   st` to see details.
  laravel/ui ..........................................................
............... DONE
  nesbot/carbon .......................................................
............... DONE
  nunomaduro/collision ................................................
............... DONE
```

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

```
PS C:\laragon\www\PWL_POS> npm -v
9.8.0
```

3. Install Laravel DataTables Vite dan sass

```
PS C:\laragon\www\PWL_POS> npm i laravel-datatables-vite --save-dev

added 33 packages, and audited 34 packages in 10s

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

found 0 vulnerabilities
npm notice
npm notice New major version of npm available! 9.8.0 -> 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> npm install -D sass

added 15 packages, and audited 49 packages in 2s

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

found 0 vulnerabilities
```

4. Edit file resources/js/app.js

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

5. Buatlah file resources/saas/app.scss

```
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';
```

6. Jalankan dengan npm run dev

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

> dev
> vite


  VITE v5.1.6  ready in 362 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
```

7. Selanjutnya kita akan buat datatables untuk kategori

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

   INFO  DataTable [C:\laragon\www\PWL_POS\app\DataTables\KategoriDataTable.php] created succes
sfully.
```

8. Kita edit KategoriDatable untuk mengatur kolom apasaja yang ingin ditampilkan

```
<?php
```

```php
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\Button;

use Yajra\DataTables\Html\Column;

use Yajra\DataTables\Html\Editor\Editor;

use Yajra\DataTables\Html\Editor\Fields;

use Yajra\DataTables\Services\DataTable;

class KategoriDataTable extends DataTable

{

    /**

     * Build the DataTable class.

     *

     * @param QueryBuilder $query Results from query() method.

     */

    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(KategoriModel $model): QueryBuilder

    {

        return $model->newQuery();

    }
```

```
/**
* 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)
```

```
                ->width(60)
                ->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

app > Models > KategoriModel.php > KategoriModel

```php
<?php

namespace App\Models;

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

class KategoriModel extends Model
{
    protected $table = 'm_kategori';
    protected $primaryKey = 'kategori_id';

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

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

10. Ubah Kategori Controller

app > Http > Controllers > KategoriController.php > ...

```php
<?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

resources > views > kategori > index.blade.php > ...

```blade
@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 untung kategori sudah tersedia

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

13. Sesuaikan app layout

```
@extends('adminlte::page')


{{-- Extend and customize the browser title --}}
@section('title')
    {{ config('adminlte.title') }}
    @hasSection('subtitle') | @yield('subtitle') @endif
@stop


@vite('resources/js/app.js')


{{-- Extend and customize the page content header --}}


@section('content_header')
    @hasSection('content_header_title')
        <h1 class="text-muted">
            @yield('content_header_title')


            @hasSection('content_header_subtitle')
                <small class="text-dark">
                    <i class="fas fa-xs fa-angle-right text-muted"></i>
                    @yield('content_header_subtitle')
                </small>
            @endif
        </h1>
    @endif
@stop


{{-- Rename section content to content_body --}}


@section('content')
```

```
    @yield('content_body')
@stop


{{-- 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 src="https://cdn.datatables.net/2.0.2/js/dataTables.js"></script>


@endpush


@stack('scripts')


{{-- Add common CSS customizations --}}


@push('css')
<link rel="stylesheet"
href="https://cdn.datatables.net/2.0.2/css/dataTables.dataTables.css" />
```

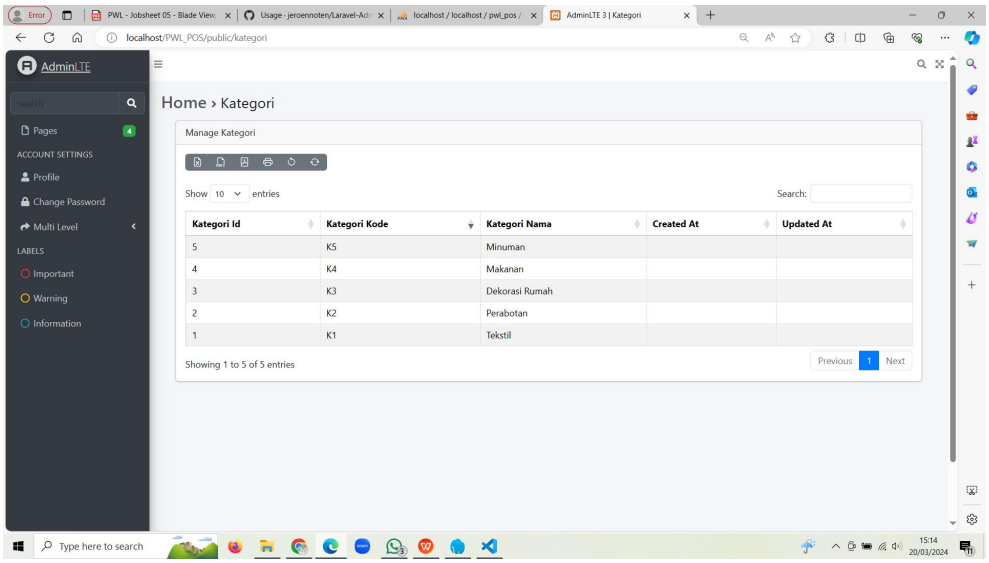
```
<style type="text/css">


    {{-- You can add AdminLTE customizations here --}}
    /*
    .card-header {
        border-bottom: none;
    }
    .card-title {
        font-weight: 600;
    }
    */
</style>
@endpush
```

14. Menset ViteJs / script type defaults

app > Providers > AppServiceProvider.php > ...

```php
<?php

namespace App\Providers;

use Illuminate\Support\ServiceProvider;
use Yajra\DataTables\Html\Builder;

class AppServiceProvider extends ServiceProvider
{
    /**
     * Register any application services.
     */
    public function register(): void
    {
        //
    }

    /**
     * Bootstrap any application services.
     */
    public function boot(): void
    {
        Builder::useVite();
    }
}
```

15. Isikan beberapa data ke table kategori
16. Datatables sudah dapat di load di /kategori




## 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

app > Http > Controllers > KategoriController.php > 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');
    }
```

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

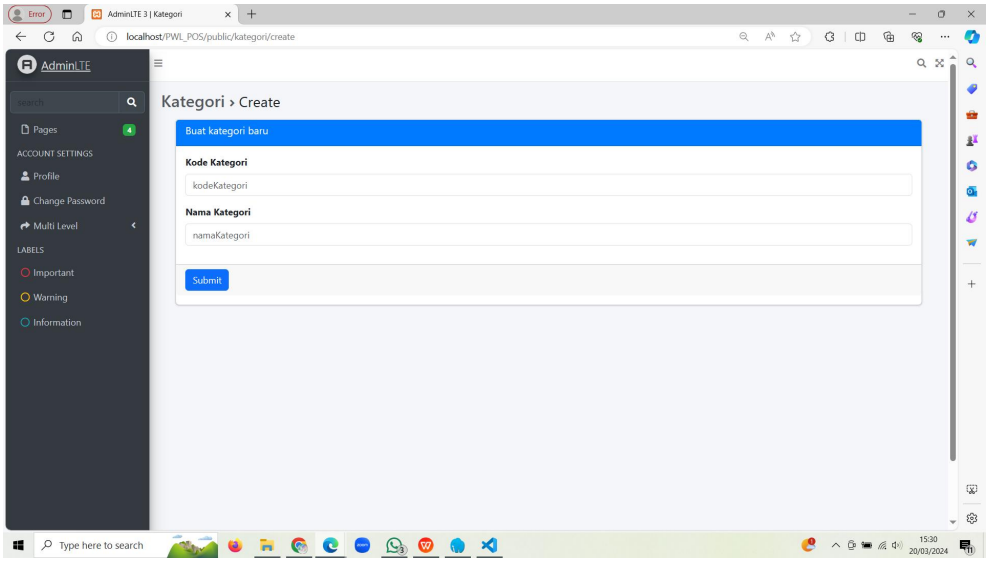
3. Dalam folder views/kategori, buatlah file dengan nama create.blade.php

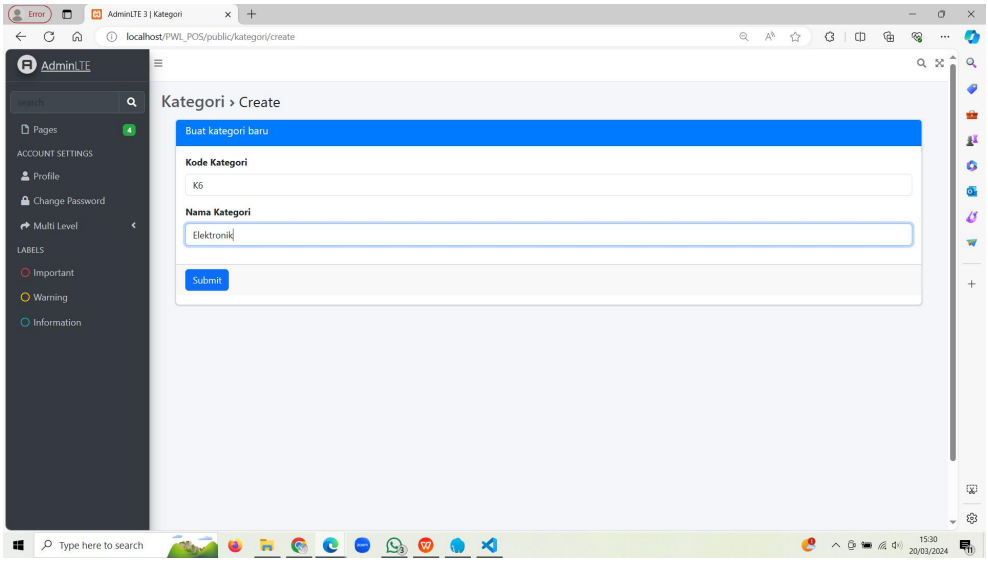
```
@extends('layouts.app')
{{-- Customize layout sections --}}
@section('subtitle', 'Kategori')
@section('content_header_title', 'Kategori')
@section('content_header_subtitle', 'Create')
{{-- Content body: main page content --}}
@section('content')
    <div class="container">
        <div class="card card-primary">
            <div class="card-header">
            <h3 class="card-title">Buat kategori baru</h3>
            </div>

            <form method="post" action="../kategori">
                <div class="card-body">
                    <div class="form-group">
                        <label for="kodeKategori">Kode Kategori</label>
                        <input type="text" class="form-control" id="kodeKategori" name="kodeKategori" placeholder="kodeKategori">
                    </div>
                    <div class="form-group">
                        <label for="namaKategori">Nama Kategori</label>
                        <input type="text" class="form-control" id="namaKategori" name="namaKategori" placeholder="namaKategori">
                    </div>
                </div>

                <div class="card-footer">
                <button type="submit" class="btn btn-primary">Submit</button>
                </div>
            </form>
            </div>
    </div>
@endsection
```

4. Kita lakukan pengecualian proteksi CsrfToken. Karena kita belum melakukan otentikasi

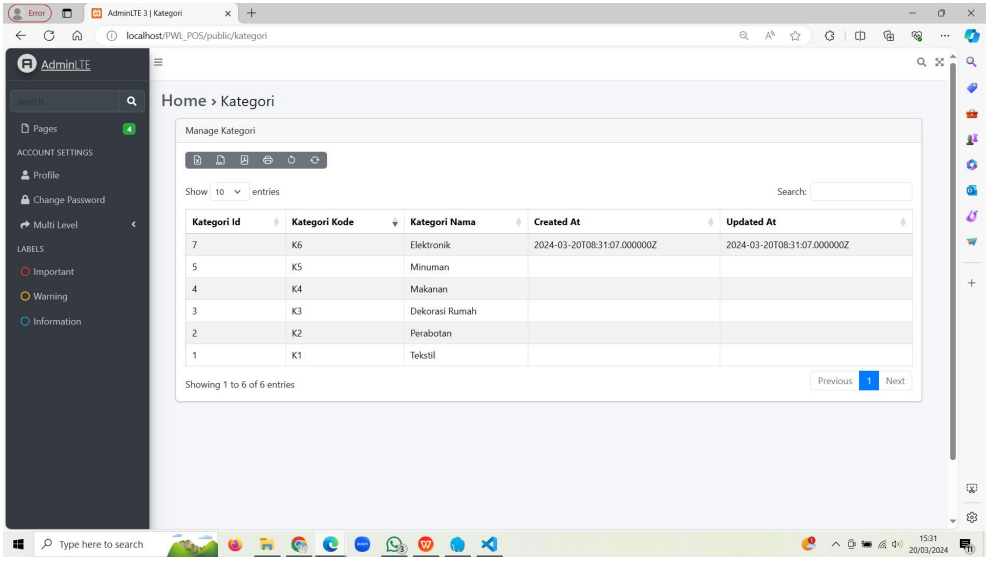
```php
<?php

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



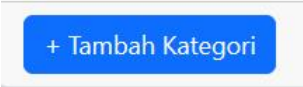

6. Halaman kategori



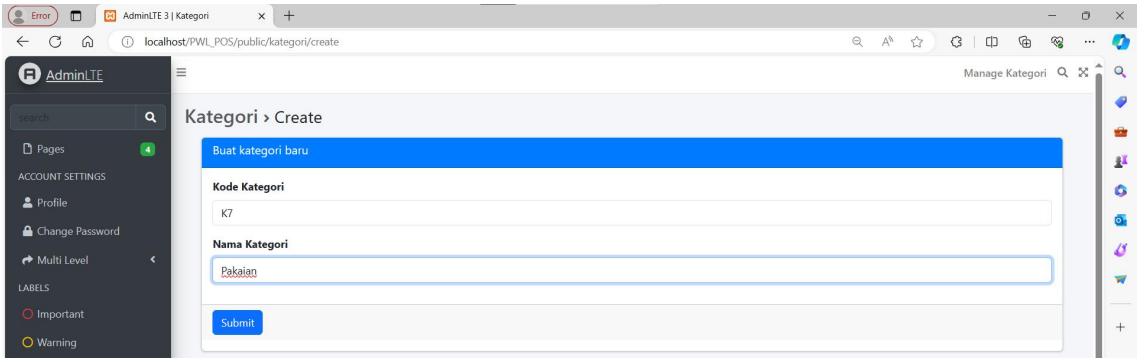

## TUGAS PRAKTIKUM

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

```
@section('content')
    <div class="container">
        <div class="card">
            <div class="card-header">Manage Kategori</div>
            <div class="card-body">
                {{ $dataTable->table() }}
            </div>
            <div class="card-footer">
                <a class="btn btn-primary" href="{{ route('kategori.create') }}">+ Tambah Kategori</a>
            </div>
        </div>
    </div>
@endsection
```




Saat klik '+Tambah Kategori' akan langsung muncul halaman create. Setelah mengisikan data Nama dan Kode kategori klik Submit dan pada tabel akan langsung muncul data terbaru.




| Kategori Id | Kategori Kode | Kategori Nama | Created At | Updated At |
|---|---|---|---|---|
| 8 | K7 | Pakaian | 2024-03-23T08:12:53.000000Z | 2024-03-23T08:12:53.000000Z |

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

```
@section('content_top_nav_right')
    {{-- Menu for manage kategori --}}
    <li class="nav-item">
        <a href="/kategori" class="nav-link">
            <h6>Manage Kategori</h6>
        </a>
    </li>
@stop
```

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

resources > views > kategori > edit.blade.php > ...

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

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

@section('content_body')
    <div class="container">
        <div class="card card-primary">
            <div class="card-header">
                <h3 class="card-title">Edit Kategori</h3>
            </div>

            <form action="{{ url('kategori/update', $kategori->kategori_id) }}" method="POST">
                @csrf
                <div class="card-body">
                    <div class="form-group">
                        <label for="kodeKategori">Kode Kategori</label>
                        <input type="text" class="form-control" id="kodeKategori" name="kodeKategori" value="{{$kategori->kategori_kode}}"
                            placeholder="Kode Kategori" required>
                    </div>
                    <div class="form-group">
                        <label for="namaKategori">Nama Kategori</label>
                        <input type="text" class="form-control" id="namaKategori" name="namaKategori" value="{{$kategori->kategori_nama}}"
                            placeholder="Nama Kategori" required>
                    </div>

                    <div class="card-footer">
                        <button type="submit" class="btn btn-primary">Update</button>
                    </div>
                </div>
            </form>
        </div>
    </div>
@endsection
```

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

```php
public function update(Request $request, $id)
{
    $kategori = KategoriModel::find($id);
    $kategori->kategori_kode = $request->kodeKategori;
    $kategori->kategori_nama = $request->namaKategori;
    $kategori->save();
    return redirect('/kategori');
}
```

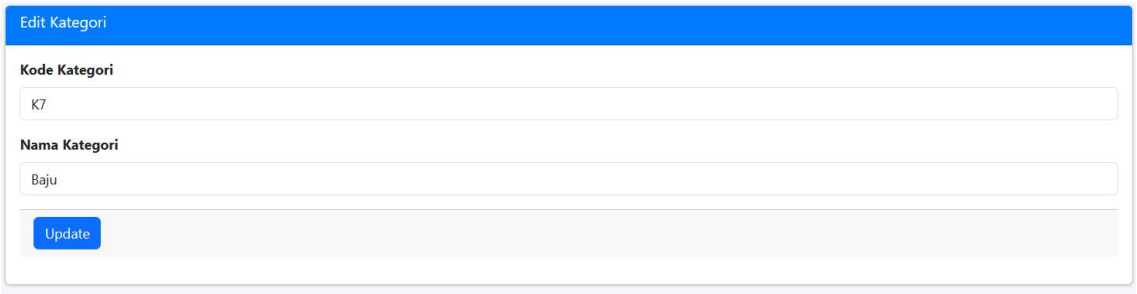
```php
->addColumn('action', function($row) {
    $btn = '<a href="kategori/edit/'.$row->kategori_id.'" class="edit btn btn-primary btn-sm">Edit</a>';
    return $btn;
```

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

Klik edit pada action

| Kategori Id | Kategori Kode | Kategori Nama | Created At | Updated At | Actio |
|---|---|---|---|---|---|
| 8 | K7 | Pakaian | 2024-03-23T08:12:53.000000Z | 2024-03-23T08:12:53.000000Z | Edit |

Akan muncul halaman edit dan dapat mengedit Kode kategori serta Nama Kategori.




Saat sudah selesai mengedit dataya kemudian klik ‘Update’ maka data pada tabel akan menampilkan data yang terbaru. Seperti contoh, awalnya Kategori Nama ‘Pakaian’ diedit menjadi ‘Baju’.

| Kategori Id | Kategori Kode | Kategori Nama | Created At | Updated At |
|---|---|---|---|---|
| 8 | K7 | Baju | 2024-03-23T08:12:53.000000Z | 2024-03-23T08:14:58.000000Z |

4. Tambahkan action delete di datatables serta controllernya

```
->addColumn('action', function($row) {
    $btn = '<a href="kategori/edit/'.$row->kategori_id.'" class="edit btn btn-primary btn-sm">Edit</a>';
    $btn = $btn.' <a href="kategori/delete/'.$row->kategori_id.'" class="delete btn btn-danger btn-sm">Delete</a>';
    return $btn;
```

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

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

Saat klik 'Delete' maka kategori akan langsung terhappus. Seperti contoh men*delete* kategori dengan denga nama 'Baju' maka akan langsung hilang dan begitu juga pada database akan terhapus juga.

| Kategori Id | Kategori Kode | Kategori Nama | Created At | Updated At | Action |
|---|---|---|---|---|---|
| 7 | K6 | Elektronik | 2024-03-20T08:31:07.000000Z | 2024-03-20T08:31:07.000000Z | Edit Delete |
| 5 | K5 | Minuman | | | Edit Delete |
| 4 | K4 | Makanan | | | Edit Delete |
| 3 | K3 | Dekorasi Rumah | | | Edit Delete |
| 2 | K2 | Perabotan | | | Edit Delete |
| 1 | K1 | Tekstil | | | Edit Delete |

| ←T→ | kategori_id | kategori_kode | kategori_nama | created_at | updated_at |
|---|---|---|---|---|---|
| Edit Copy Delete | 1 | K1 | Tekstil | NULL | NULL |
| Edit Copy Delete | 2 | K2 | Perabotan | NULL | NULL |
| Edit Copy Delete | 3 | K3 | Dekorasi Rumah | NULL | NULL |
| Edit Copy Delete | 4 | K4 | Makanan | NULL | NULL |
| Edit Copy Delete | 5 | K5 | Minuman | NULL | NULL |
| Edit Copy Delete | 7 | K6 | Elektronik | 2024-03-20 08:31:07 | 2024-03-20 08:31:07 |