

## **JOB SHEET 5 WEB LANJUT**

**BLADE VIEW, WEB TEMPLATING(ADMINLTE), DATATABLES**



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**D-IV TEKNIK INFORMATIKA**

**JURUSAN TEKNOLOGI INFORMASI**

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## Praktikum 1: Integrasi Laravel dengan AdminLTE3

- composer require jeroennoten/laravel-adminlte

```
C:\Laragon\www\LaravelProj\minggu5\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 (v3.15.0)
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 (v3.15.0)
  - 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
nesbot/carbon ..... DONE
nunomaduro/collision ..... DONE
nunomaduro/termwind ..... DONE
spatie/laravel-ignition ..... DONE

32 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

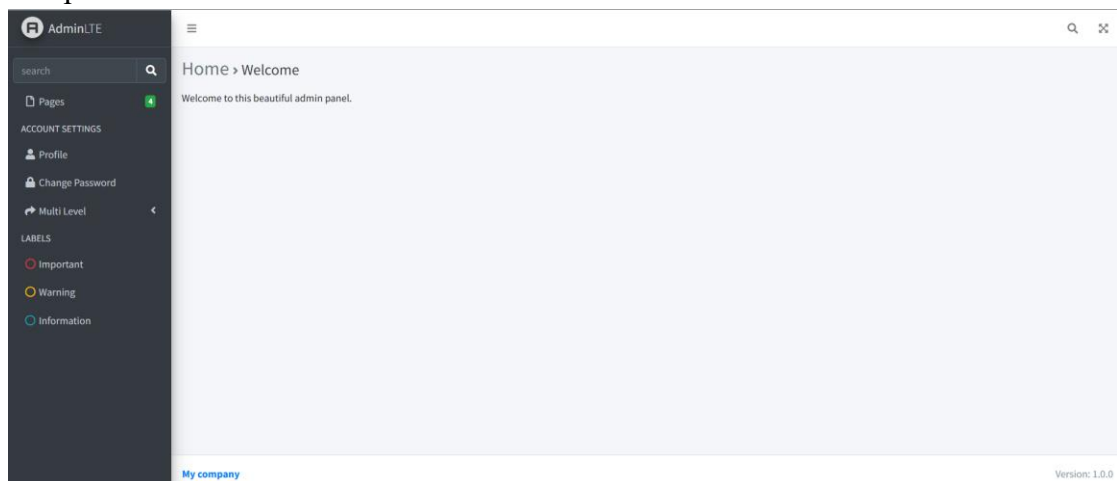
 INFO  No publishable resources for tag [laravel-assets].

Found 1 security vulnerability advisory affecting 1 package.
Run "composer audit" for a full list of advisories.
Using version ^3.15 for jeroennoten/laravel-adminlte
```

- Melakukan instalasi requirement project di atas dengan command berikut:

```
C:\Laragon\www\LaravelProj\minggu5\PWL_POS>php artisan adminlte:install
AdminLTE assets files published successfully
Configuration file published successfully
Translation files published successfully
The installation is complete.
```

### Tampilan dashboard AdminLTE



## Praktikum 2 Integrasi dengan DataTables

- composer require laravel/ui --dev

```
C:\Laragon\www\LaravelProj\minggu5\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 (v4.6.1)
Writing lock file
Installing dependencies from lock file (including require-dev)
Package operations: 1 install, 0 updates, 0 removals
  - Downloading laravel/ui (v4.6.1)
  - Installing laravel/ui (v4.6.1): 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

82 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].

Found 1 security vulnerability advisory affecting 1 package.
Run "composer audit" for a full list of advisories.
Using version ^4.6 for laravel/ui
```

- composer require yajra/Laravel-datatables:^10.0

```
C:\Laragon\www\LaravelProj\minggu5\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 (0.20.2)
  - Locking yajra/laravel-datatables (v10.0.0)
  - Locking yajra/laravel-datatables-buttons (v10.0.0)
  - 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 (0.20.2)
  - Downloading yajra/laravel-datatables-fractal (v10.0.0)
  - Downloading yajra/laravel-datatables-editor (v1.25.4)
  - Downloading yajra/laravel-datatables-buttons (v10.0.0)
  - 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 (0.20.2): 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 (v10.0.0): 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

87 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].

Found 1 security vulnerability advisory affecting 1 package.
Run "composer audit" for a full list of advisories.
```

- npm -v

```
C:\Laragon\www\LaravelProj\minggu5\PWL_POS>npm -v
10.2.4
```

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

```
C:\laragon\www\LaravelProj\minggu5\PWL_POS>npm i laravel-datatables-vite --save-dev
added 47 packages, and audited 48 packages in 19s

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

Run `npm audit` for details.
npm notice
npm notice New major version of npm available! 10.2.4 -> 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
```

- npm install -D sass

```
C:\laragon\www\LaravelProj\minggu5\PWL_POS>npm install -D sass
added 15 packages, and audited 63 packages in 3s

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 run dev

```
C:\laragon\www\LaravelProj\minggu5\PWL_POS>npm run dev

> dev
> vite

VITE v5.4.14 ready in 2733 ms

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

LARAVEL v10.48.28 plugin v1.2.0

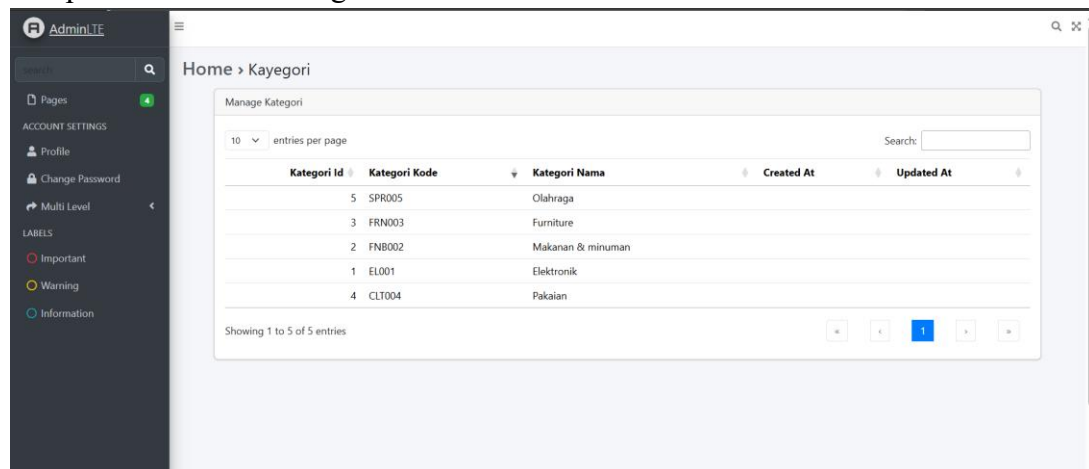
  → APP_URL: http://localhost
```

- php artisan datatables:make kategori

```
C:\laragon\www\LaravelProj\minggu5\PWL_POS>php artisan datatables:make kategori

INFO  DataTable [C:\laragon\www\LaravelProj\minggu5\PWL_POS\app\DataTables\kategoriDataTable.php]
created successfully.
```

- Tampilan dashboard kategori



## Praktikum 3 - Membuat form kemudian menyimpan data dalam database

- Tampilan kategori/create

The top screenshot displays the 'Kategori > Create' form. It features a sidebar with navigation links like 'Pages', 'ACCOUNT SETTINGS', 'Profile', 'Change Password', 'Multi Level', and 'LABELS'. The main content area has a header 'Kategori > Create' and a form titled 'Buat kategori baru'. The form contains two input fields: 'Kode Kategori' with the value 'CLTH006' and 'Nama Kategori' with the value 'Clothes'. A 'Submit' button is located at the bottom of the form.

The bottom screenshot displays the 'Home > Kayegori' manage page. It features the same sidebar. The main content area has a header 'Home > Kayegori' and a table titled 'Manage Kategori'. The table has columns for 'Kategori Id', 'Kategori Kode', 'Kategori Nama', 'Created At', and 'Updated At'. The table contains 6 entries. A pagination bar at the bottom shows 'Showing 1 to 6 of 6 entries' and navigation buttons.

Kategori Id	Kategori Kode	Kategori Nama	Created At	Updated At
5	SPR005	Olahraga		
3	FRN003	Furniture		
2	FNB002	Makanan & minuman		
1	EL001	Elektronik		
9	CLTH006	Clothes	2025-03-14T07:36:49.000000Z	2025-03-14T07:36:49.000000Z
4	CLT004	Pakaian		

## TUGAS PRAKTIKUM

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

➤ resource/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">
                <a href="{{ route('kategori.create') }}" class="btn btn-primary
">Add</a>
                {{ $dataTable->table() }}
            </div>
        </div>
    </div>
</div>
@endsection

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

```

web.php

```

<?php

use App\Http\Controllers\LevelController;
use App\Http\Controllers\UserController;
use App\Http\Controllers\KategoriController;
use Illuminate\Support\Facades\Route;

/*
|-----
| Web Routes
|-----
|
| Here is where you can register web routes for your application. These
| routes are loaded by the RouteServiceProvider and all of them will
| be assigned to the "web" middleware group. Make something great!
|
*/

Route::get('/', function () {

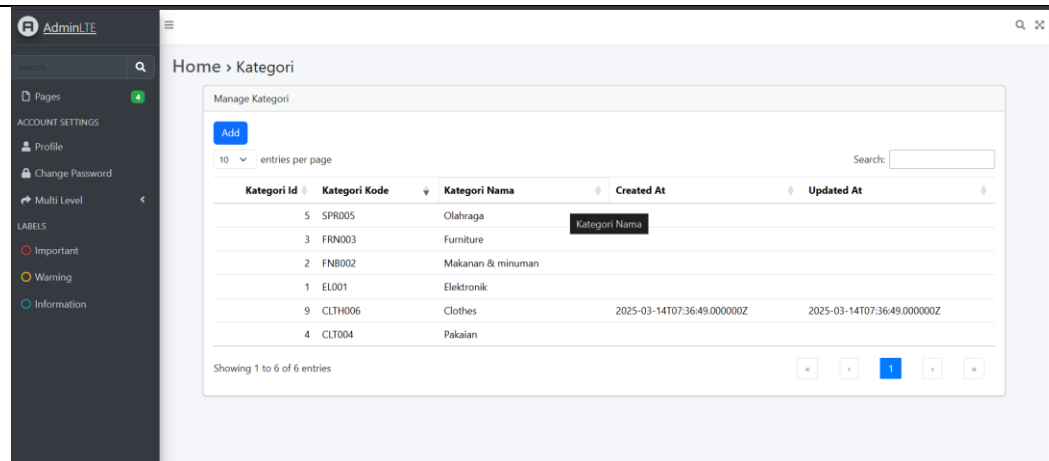
```

```

return view('welcome');
});

Route::get('/level', [LevelController::class, 'index']);
Route::get('/kategori', [KategoriController::class, 'index']);
Route::get('/user', [UserController::class, 'index']);
Route::post('/user/tambah_simpan', [UserController::class, 'tambah_simpan']);
Route::get('/user/ubah/{id}', [UserController::class, 'ubah']);
Route::get('/kategori/create', [KategoriController::class, 'create']);
Route::post('/kategori', [KategoriController::class, 'store']);
Route::get('kategori/create', [KategoriController::class, 'create'])->name('kategori.create');

```



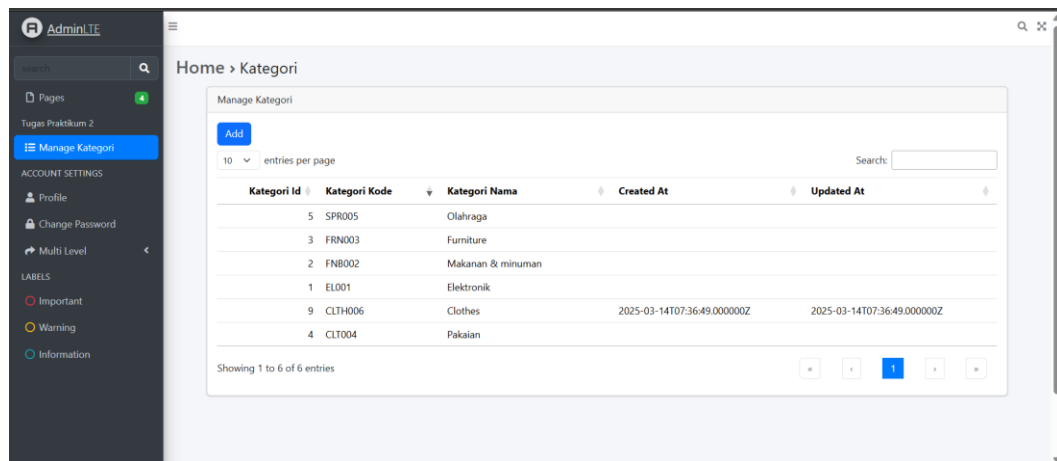
2. Tambahkan menu untuk halaman manage kategori, di daftar menu navbar

➤ config/adminlte.php

```

[
    'text' => 'Manage Kategori',
    'url' => 'kategori',
    'icon' => 'fas fa-fw fa-list',
],

```



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

➤ KategoriDataTable.php

```
public function dataTable(QueryBuilder $query): EloquentDataTable
{
    return (new EloquentDataTable($query))
        ->addColumn('action', function ($kategori) {
            $btn = '<div class="d-flex gap-2">';
            $btn .= '<a href="/kategori/edit/" . $kategori->kategori_id . "' class="btn btn-sm btn-primary my-1">Edit</a>';
            $btn .= '</div>';
            return $btn;
        })
        ->setRowId('id');
}
```

KategoriController.php

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

public function update(Request $request){
    $kategori = KategoriModel::findOrFail($request->kategori_id);
    $kategori->kategori_kode = $request->kodeKategori;
    $kategori->kategori_nama = $request->namaKategori;
    $kategori->save();
    return redirect('/kategori');
```



```

    }
    kategori/edit.blade.php
    @extends('layouts.app')

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

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

                <form method="post" action=" ../edit">
                    @csrf <!-- {{ csrf_field() }} -->
                    <div class="card-body">
                        <div class="form-group">
                            <label for="Kategori_id">ID Kategori</label>
                            <input type="text" name="kategori_id" class="form-control"
value="{{ {{ $kategori->kategori_id }}" readonly>
                        </div>
                        <div class="form-group">
                            <label for="kodeKategori">Kode Kategori</label>
                            <input type="text" name="kodeKategori" class="form-control"
id="kodeKategori" value="{{ {{ $kategori->kategori_kode }}">
                        </div>
                        <div class="form-group">
                            <label for="namaKategori">Nama Kategori</label>
                            <input type="text" name="namaKategori" class="form-control"
id="namaKategori" value="{{ {{ $kategori->kategori_nama }}">
                        </div>
                    </div>

                    <div class="card-footer">

```

```

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

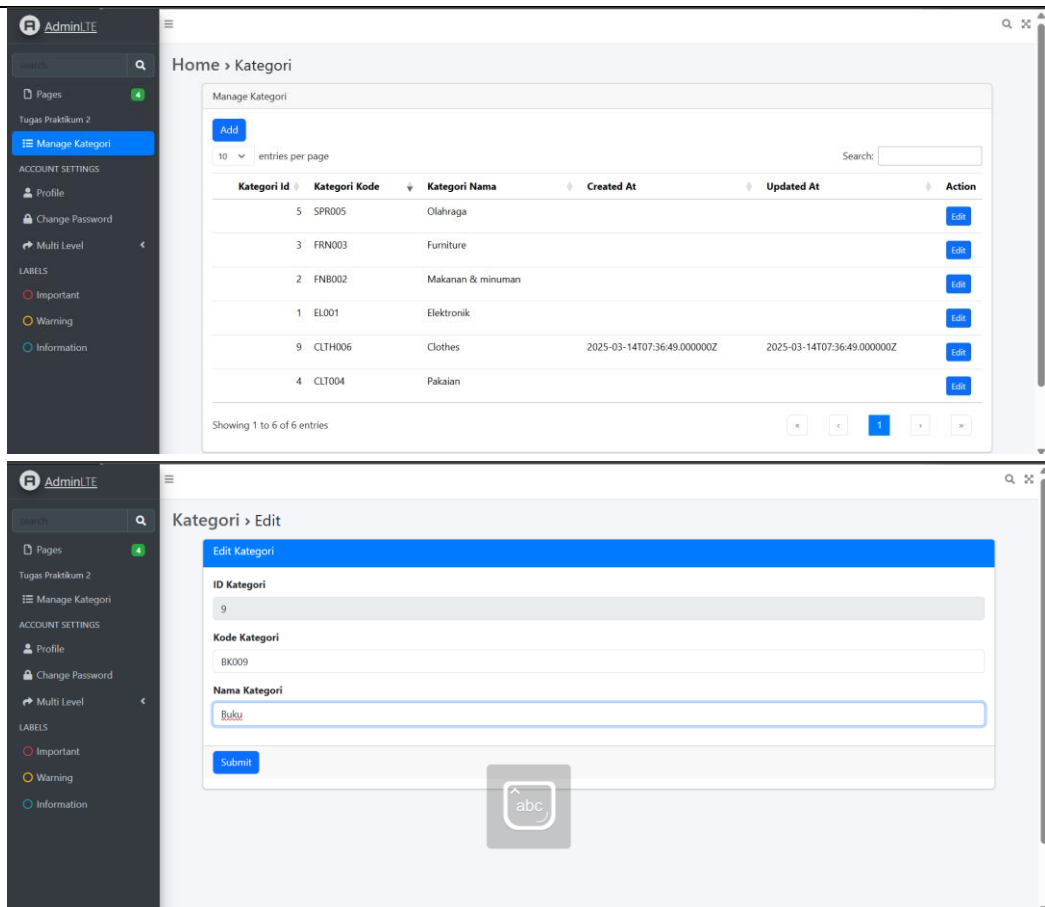
```

web.php

```

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

```



4. Tambahkan action delete di datatables serta controllernya

➤ KategoriDataTable.php

```

public function dataTable(QueryBuilder $query): EloquentDataTable
{
    return (new EloquentDataTable($query))
        ->addColumn('action', function ($kategori) {
            $btn = '<div class="d-flex gap-2">';

```

```

        $btn .= '<a href="/kategori/edit/' . $kategori->kategori_id . '" class="btn
btn-sm btn-primary my-1">Edit</a>';
        $btn .= '<a href="/kategori/hapus/' . $kategori->kategori_id . '" class="btn
btn-sm btn-danger my-1">Hapus</a>';
        $btn .= '</div>';
        return $btn;
    })
    ->setRowId('id');
}

```

### KategoriController.php

```

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

```

