# JOBSHEET 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

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 ^3.15 for jeroennoten/laravel-adminlte
```
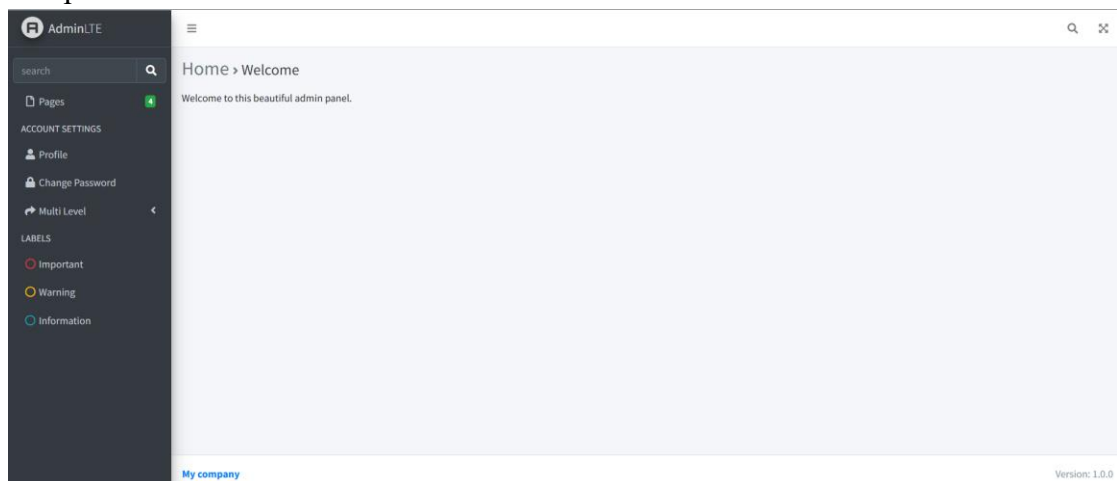
- Melakukan instalasi requirement project di atas dengan command berikut:

```
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://getc
omposer.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 (v10.0.9)
  - 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 (0.20.2)
  - 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 (0.20.2): Extracting archive
  - Installing yajra/laravel-datatables-fractal (v10.0.0): Extracting archive
  - Installing yajra/laravel-datatables-editor (v1.25.4): Extracting archive
  - Installing yajra/laravel-datatables-buttons (v10.0.9): Extracting archive
  - Installing yajra/laravel-datatables (v10.0.0): Extracting archive
8 package suggestions were added by new dependencies, use `composer suggest` to see details.
Generating optimized autoload files
> Illuminate\Foundation\ComposerScripts::postAutoloadDump
> @php artisan package:discover --ansi

   INFO  Discovering packages.

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

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

- npm install -D sass



- npm run dev



- php artisan datatables:make kategori



- Tampilan dashboard kategori
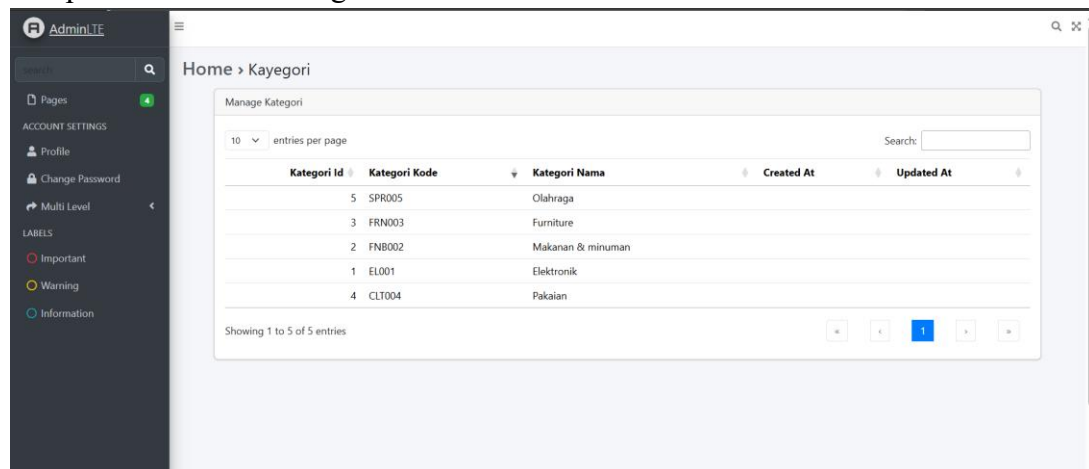
**Praktikum 3 - Membuat form kemudian menyimpan data dalam database**

- Tampilan kategori/create





**TUGAS PRAKTIKUM**

1. Tambahkan button Add di halam 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')
```

```blade
@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>
@endsection

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

web.php

```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');
```
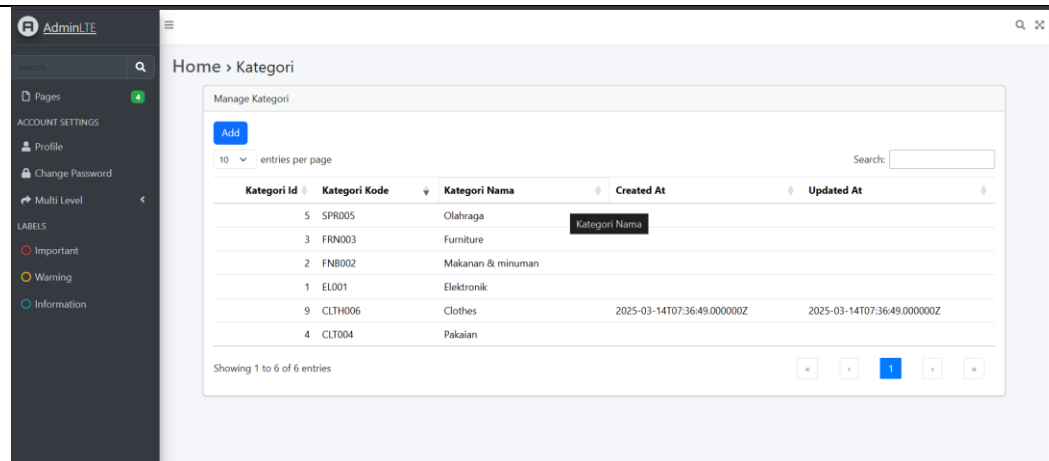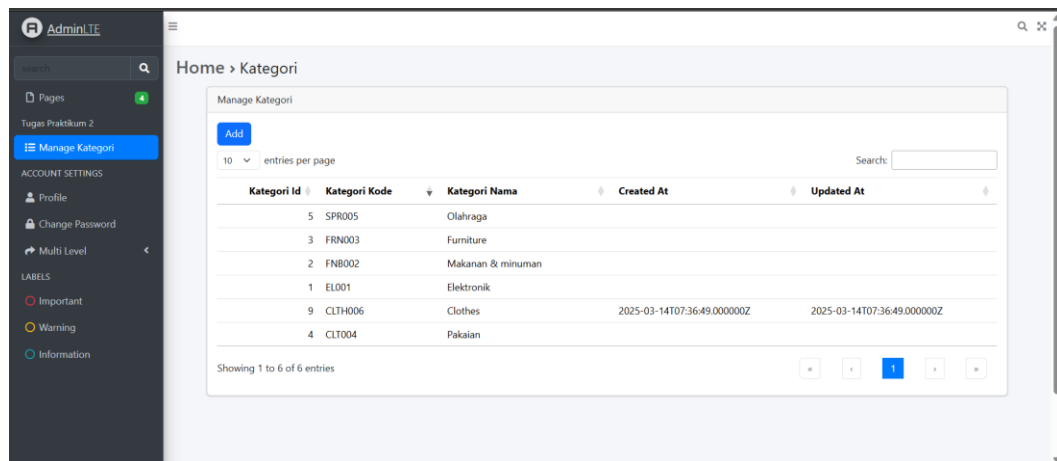


2. Tambahkan menu untuk halaman manage kategori, di daftar menu navbar
   ➢ config/adminlte.php

```
[
    '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

```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

```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">
```

```html
            <button type="submit" class="btn btn-primary">Submit</button>
        </div>
      </form>
    </div>
  </div>
@endsection
```
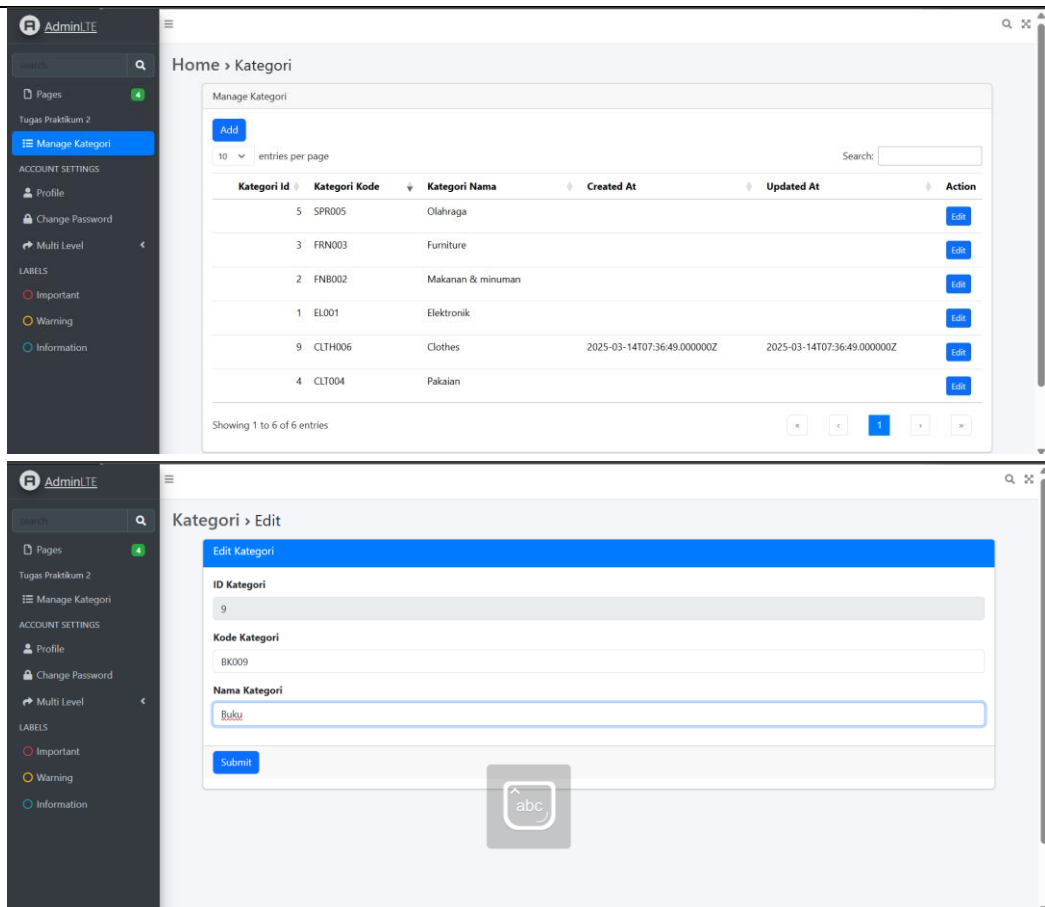
web.php

```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

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

```php
        $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

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