



Mata Kuliah : Pemrograman Web Lanjut (PWL)
Program Studi : D4 – Teknik Informatika
Semester : 4

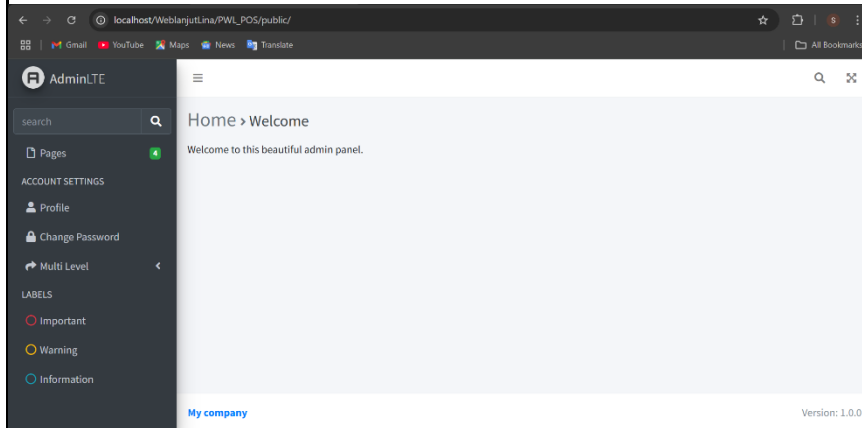
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Nama : Sesy Tana Lina Rahmatin
Jobsheet Ke- : 5

Laporan Jobsheet

	Praktikum 1 – Integrasi Laravel dengan AdminLTE3
1.	<p>Dalam root folder project lakukan command berikut, untuk mendefinisikan requirement project.</p> <pre>C:\laragon\www\WeblanjutLina\PWL_POS(main -> origin) λ composer require jeroennoten/laravel-adminlte Using version ^3.15 for 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 - Installing almasaeed2010/adminlte (v3.2.0): Extracting archive - Installing jeroennoten/laravel-adminlte (v3.15.0): Extracting archive Generating optimized autoload files Class App\Models\LevelModel located in C:\laragon\www\WeblanjutLina\PWL_POS/a g. > 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</pre>
2.	<p>Melakukan instalasi requirement project di atas dengan command berikut:</p> <pre>C:\laragon\www\WeblanjutLina\PWL_POS(main -> origin) λ php artisan adminlte:install AdminLTE assets files published successfully Configuration file published successfully Translation files published successfully The installation is complete.</pre>
5.	<p>Dalam Laravel, layout berfungsi sebagai master view yang digunakan oleh child view. Layout mendefinisikan section seperti sidebar, main_content, dan footer, yang dapat diisi oleh child view tanpa perlu menulis ulang elemen HTML utama. Dengan Blade Template, layout dapat diperluas</p>

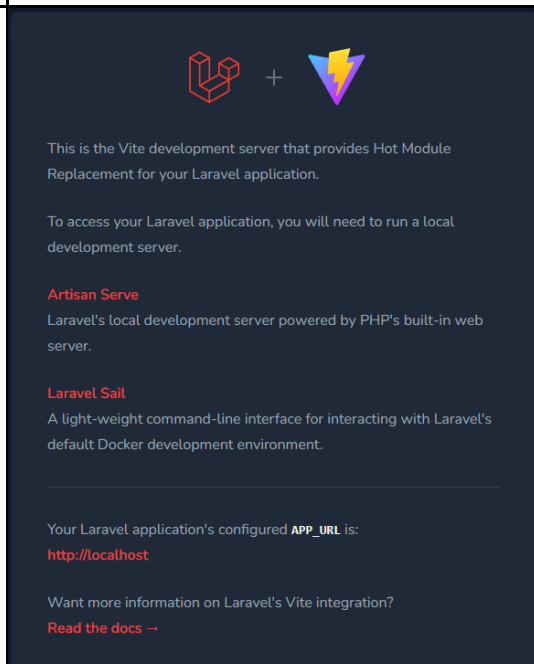


menggunakan @extends('adminlte::page').



Praktikum 2 – Integrasi dengan DataTables

6.



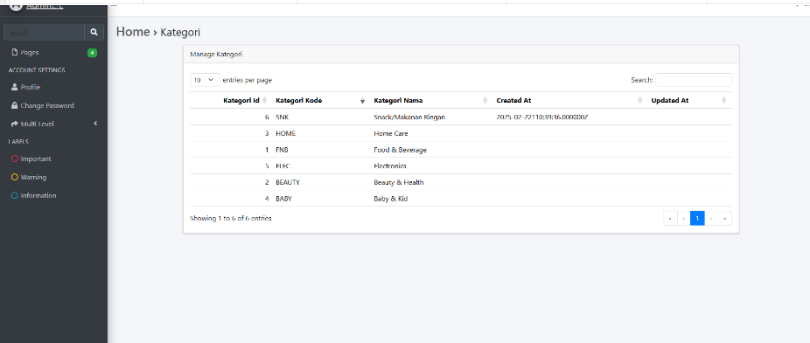
16.

Datatables sering digunakan untuk menampilkan daftar data dengan berbagai fitur seperti pencarian, paginasi, dan pengurutan. Dalam Laravel, biasanya digunakan Yajra Datatables karena dirancang agar kompatibel dengan Laravel.



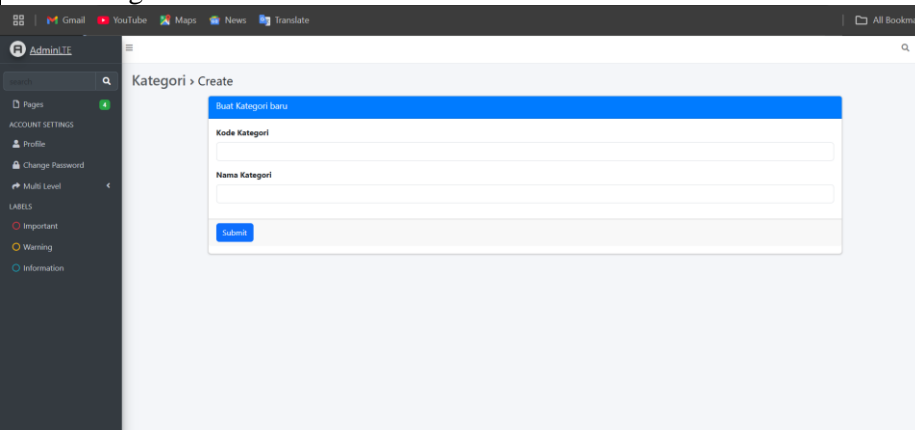
pwl_pos.m_kategori: 7 rows total (approximately)

kategori_id	kategori_kode	kategori_nama	created_at	updated_at
1	FNB	Food & Beverage	(NULL)	(NULL)
2	BEAUTY	Beauty & Health	(NULL)	(NULL)
3	HOME	Home Care	(NULL)	(NULL)
4	BABY	Baby & Kid	(NULL)	(NULL)
5	ELEC	Electronics	(NULL)	(NULL)

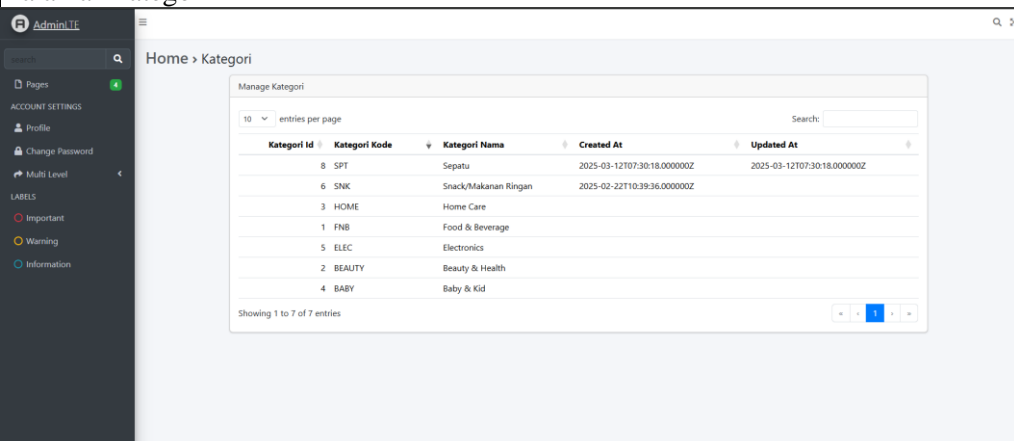


Praktikum 3 – Membuat form kemudian menyimpan data dalam database

5. Akses kategori/create



6. Halaman kategori



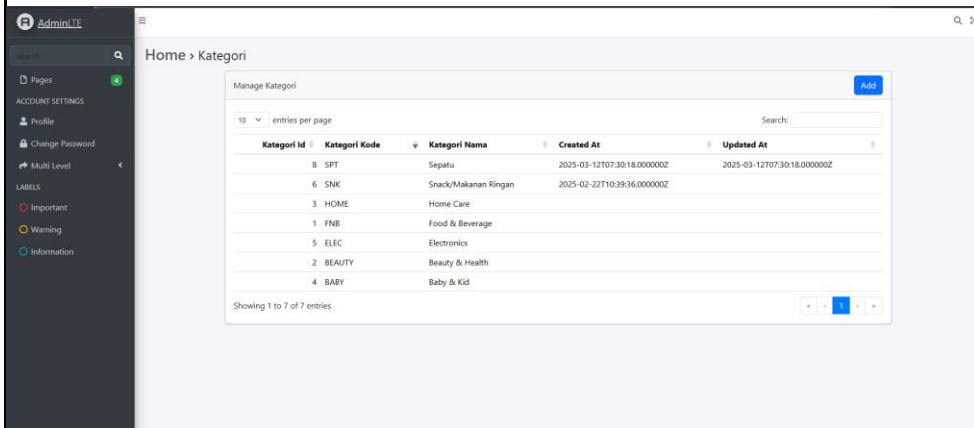
Tugas Praktikum

- Menambahkan button Add di dalam manage kategori, yang mengarah ke create kategori baru
Kode program:

```
<div class="card-header d-flex justify-content-between align-items-center">
```



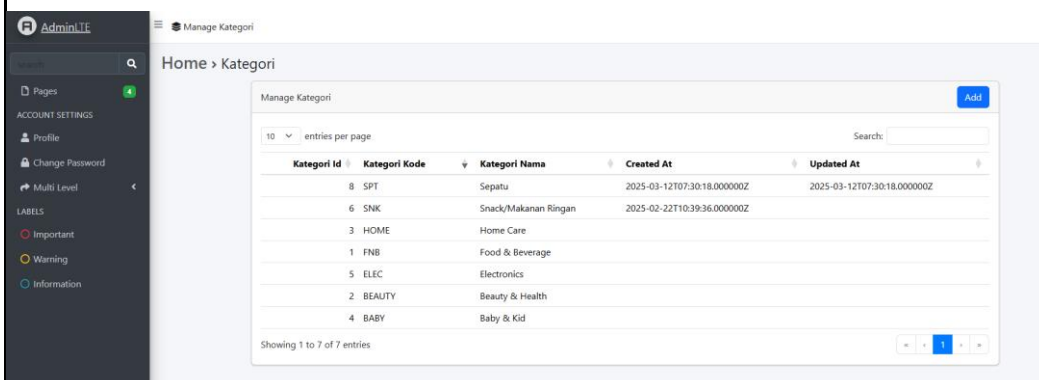
```
<span>Manage Kategori</span>
<a href="{{ url('kategori/create') }}" class="btn btn-primary ms-
auto">Add</a>
</div>
```



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

Kode program:

```
'menu' => [
    // Navbar items:
    [
        'type' => 'navbar-search',
        'text' => 'search',
        'topnav_right' => true,
    ],
    [
        'type' => 'fullscreen-widget',
        'topnav_right' => true,
    ],
    [
        'text' => 'Manage Kategori', // add navbar manage kategori
        'url' => '/kategori',
        'icon' => 'fas fa-layer-group',
        'topnav' => true,
    ],
],
```



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

Kode program:

```
public function dataTable(QueryBuilder $query): EloquentDataTable
{
    return (new EloquentDataTable($query))
        ->addColumn('action', function ($row) {
            $editUrl = url('/kategori/edit', $row->kategori_id);
            $deleteUrl = url('/kategori/delete', $row->kategori_id);
            $csrfToken = csrf_token();
        });
}
```



```
return '  
    <div class="btn-group gap-2" role="group">  
        <a href="' . $editUrl . '" class="btn btn-warning btn-sm d-  
flex align-items-center">  
            Edit  
        </a>  
        <form action="' . $deleteUrl . '" method="POST"  
style="display:inline;">  
            <input type="hidden" name="_method" value="POST">  
            <input type="hidden" name="_token" value="' . $csrfToken  
. '">  
            <button type="submit" class="btn btn-danger btn-sm d-flex  
align-items-center"  
                onclick="return confirm(\'Yakin ingin menghapus?\')">  
                Delete  
            </button>  
        </form>  
    </div>  
';  
})  
->rawColumns(['action'])  
->setRowId('id');  
}
```

```
public function edit($id)  
{  
    $kategori = KategoriModel::findOrFail($id);  
    return view('kategori.edit', compact('kategori'));  
}  
  
public function update(Request $request, $id)  
{  
    $request->validate([  
        'kategori_kode' => 'required|string|max:10',  
        'kategori_nama' => 'required|string|max:100',  
    ]);  
  
    $kategori = KategoriModel::findOrFail($id);  
    $kategori->update([  
        'kategori_kode' => $request->kategori_kode,  
        'kategori_nama' => $request->kategori_nama,  
    ]);  
  
    return redirect('/kategori');
```

Sebelum diedit

Kategori Id	Kategori Kode	Kategori Nama	Created At	Updated At	Action
8	SPT	Segala	2025-03-12T07:30:18.000000Z	2025-03-12T07:30:18.000000Z	Edit
6	SNK	Snack/Makanan Ringan	2025-02-22T10:39:36.000000Z		Edit
3	HOME	Home Care			Edit
1	FNB	Food & Beverage			Edit
5	ELEC	Electronics			Edit
2	BEAUTY	Beauty & Health			Edit
4	BABY	Baby & Kid			Edit



Sesudah diedit

The screenshot shows the AdminLTE interface. The top part displays the 'Edit Kategori' form with fields for 'Kode Kategori' (hp) and 'Nama Kategori' (handphone). The bottom part shows the 'Manage Kategori' table with 7 entries. The table has columns for 'Kategori Id', 'Kategori Kode', 'Kategori Nama', 'Created At', 'Updated At', and 'Action'. The 'Action' column contains 'Edit' and 'Delete' buttons for each entry.

Kategori Id	Kategori Kode	Kategori Nama	Created At	Updated At	Action
6	SNK	Snack/Makanan Ringan	2025-02-22T10:39:36.000000Z		Edit
8	hp	handphone	2025-03-12T07:30:18.000000Z	2025-03-14T05:59:17.000000Z	Edit
3	HOME	Home Care			Edit
1	RNB	Food & Beverage			Edit
5	ELEC	Electronics			Edit
2	BEAUTY	Beauty & Health			Edit
4	BABY	Baby & Kid			Edit

4. Menambahkan action delete di datatables serta controllernya

Kode program:

```
public function dataTable(QueryBuilder $query): EloquentDataTable
{
    return (new EloquentDataTable($query))
        ->addColumn('action', function ($row) {
            $editUrl = url('/kategori/edit', $row->kategori_id);
            $deleteUrl = url('/kategori/delete', $row->kategori_id);
            $csrfToken = csrf_token();

            return '
                <div class="btn-group gap-2" role="group">
                    <a href="' . $editUrl . '" class="btn btn-warning btn-sm d-flex align-items-center">
                        Edit
                    </a>
                    <form action="' . $deleteUrl . '" method="POST"
                    style="display:inline;">
                        <input type="hidden" name="_method" value="POST">
                        <input type="hidden" name="_token" value="' . $csrfToken . '">
                        <button type="submit" class="btn btn-danger btn-sm d-flex align-items-center"
                            onclick="return confirm(\'Yakin ingin menghapus?\')">
                            Delete
                        </button>
                    </form>
                </div>
            ';
        })
        ->rawColumns(['action'])
        ->setRowId('id');
}
```



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

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

Sebelum dihapus:

Kategori Id	Kategori Kode	Kategori Nama	Created At	Updated At	Action
6	SNK	Snack/Makanan Ringan	2025-02-22T10:39:36.000000Z		Edit Delete
8	hp	handphone	2025-03-12T07:30:18.000000Z	2025-03-14T05:59:17.000000Z	Edit Delete
3	HOME	Home Care			Edit Delete
1	FNB	Food & Beverage			Edit Delete
5	ELEC	Electronics			Edit Delete
2	BEAUTY	Beauty & Health			Edit Delete
4	BABY	Baby & Kid			Edit Delete

Showing 1 to 7 of 7 entries

Sesudah dihapus

localhost:8000 says
Yakin ingin menghapus?

OK Cancel

Kategori Id	Kategori Kode	Kategori Nama	Created At	Updated At	Action
6	SNK	Snack/Makanan Ringan	2025-02-22T10:39:36.000000Z		Edit Delete
8	hp	handphone	2025-03-12T07:30:18.000000Z	2025-03-14T05:59:17.000000Z	Edit Delete
3	HOME	Home Care			Edit Delete
1	FNB	Food & Beverage			Edit Delete
5	ELEC	Electronics			Edit Delete
2	BEAUTY	Beauty & Health			Edit Delete
4	BABY	Baby & Kid			Edit Delete

Showing 1 to 7 of 7 entries

Kategori Id	Kategori Kode	Kategori Nama	Created At	Updated At	Action
6	SNK	Snack/Makanan Ringan	2025-02-22T10:39:36.000000Z		Edit Delete
3	HOME	Home Care			Edit Delete
1	FNB	Food & Beverage			Edit Delete
5	ELEC	Electronics			Edit Delete
2	BEAUTY	Beauty & Health			Edit Delete
4	BABY	Baby & Kid			Edit Delete

Showing 1 to 6 of 6 entries



KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET, DAN TEKNOLOGI

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