

**LAPORAN PRAKTIKUM V  
PEMROGRAMAN WEB LANJUT**



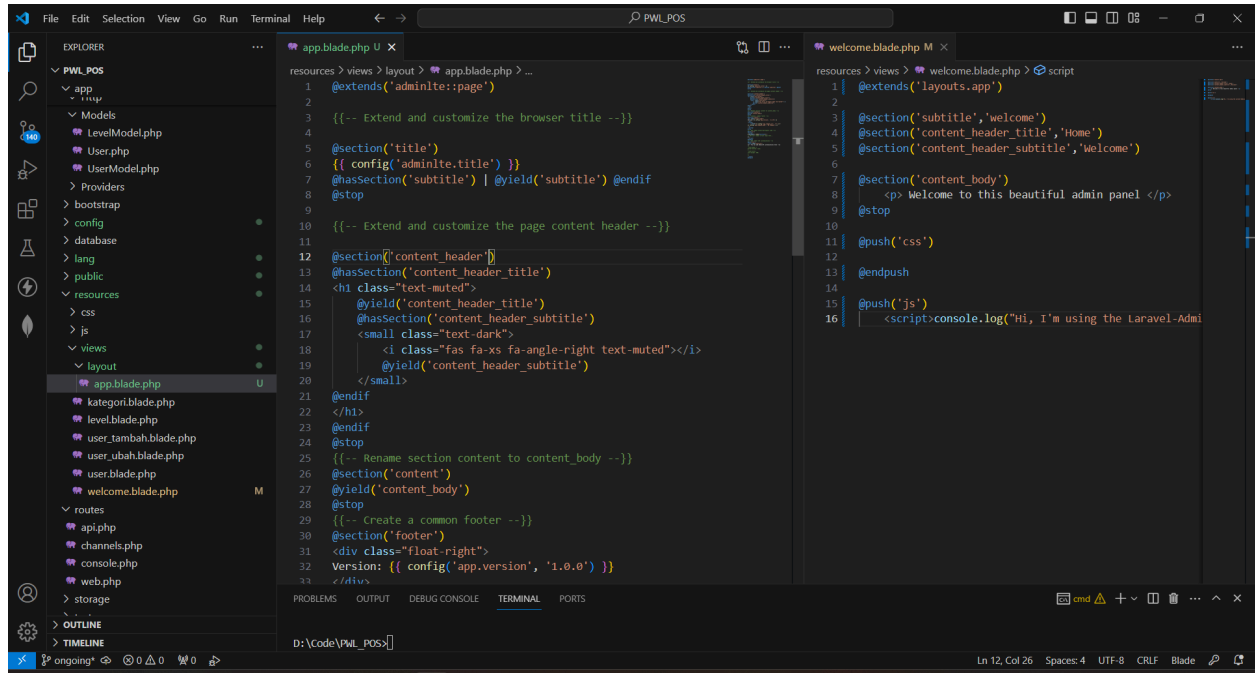
**Disusun oleh:**

Ricky Putra Pratama Tedjo

(2241720204)

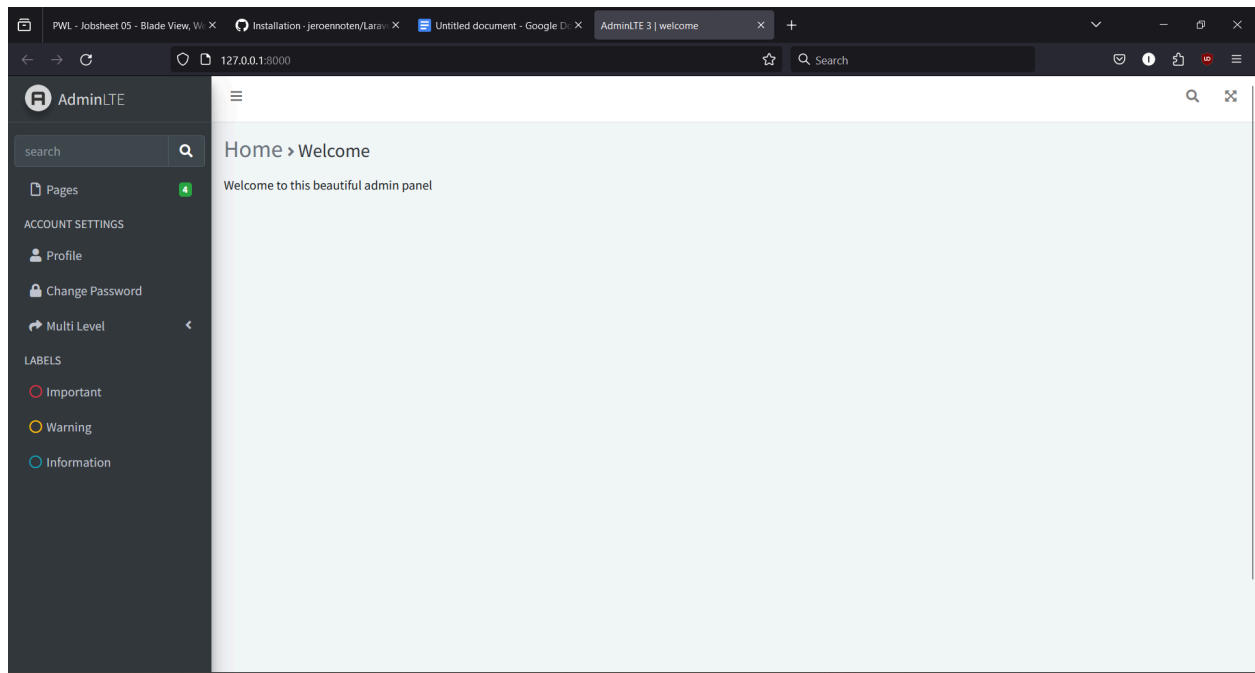
**JURUSAN TEKNOLOGI INFORMASI  
POLITEKNIK NEGERI MALANG  
TAHUN AJARAN 2023/2024**

# Praktikum I - Integrasi Laravel dengan AdminLTE3

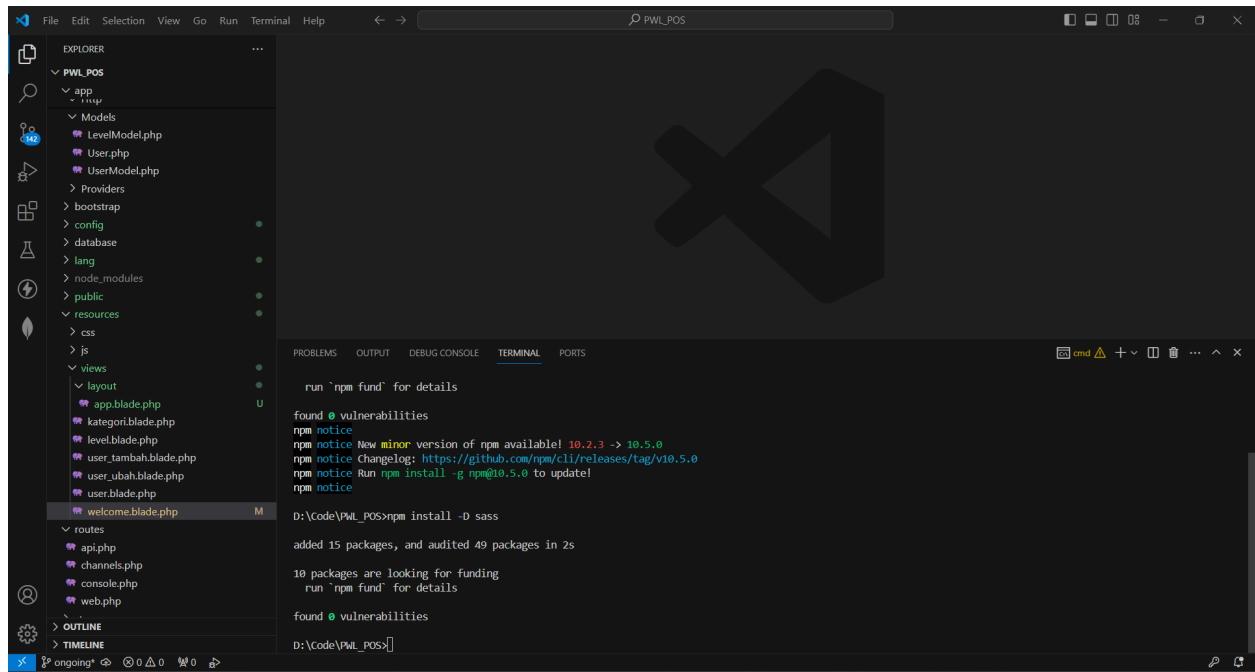


```
resources > views > layout > app.blade.php > ...
1 @extends('adminlte::page')
2
3 {{-- Extend and customize the browser title --}}
4
5 @section('title')
6 {{ config('adminlte.title') }}
7 @hasSection('subtitle') | @yield('subtitle') @endif
8 @stop
9
10 {{-- Extend and customize the page content header --}}
11
12 @section('content_header')
13 @hasSection('content_header_title')
14 <h1 class="text-muted">
15     @yield('content_header_title')
16     @hasSection('content_header_subtitle')
17     <small class="text-dark">
18         <i class="fas fa-xs fa-angle-right text-muted"></i>
19         @yield('content_header_subtitle')
20     </small>
21 @endif
22 </h1>
23 @endif
24 @stop
25
26 {{-- Rename section content to content_body --}}
27 @section('content')
28 @yield('content_body')
29 @stop
30
31 {{-- Create a common footer --}}
32 @section('footer')
33 <div class="float-right">
34     Version: {{ config('app.version', '1.0.0') }}
35 </div>
36 </div>
```

```
resources > views > welcome.blade.php > script
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-AdminLTE3")</script>
17 @endpush
```



# Praktikum II - Integrasi dengan DataTables



The screenshot shows the Visual Studio Code interface with the Explorer view on the left displaying the project structure for PWL\_POS. The project is a Laravel application with a Blade frontend. The Terminal view at the bottom shows the output of running `npm fund`, which reports no vulnerabilities found and provides information about the npm CLI version.

```
run 'npm fund' for details

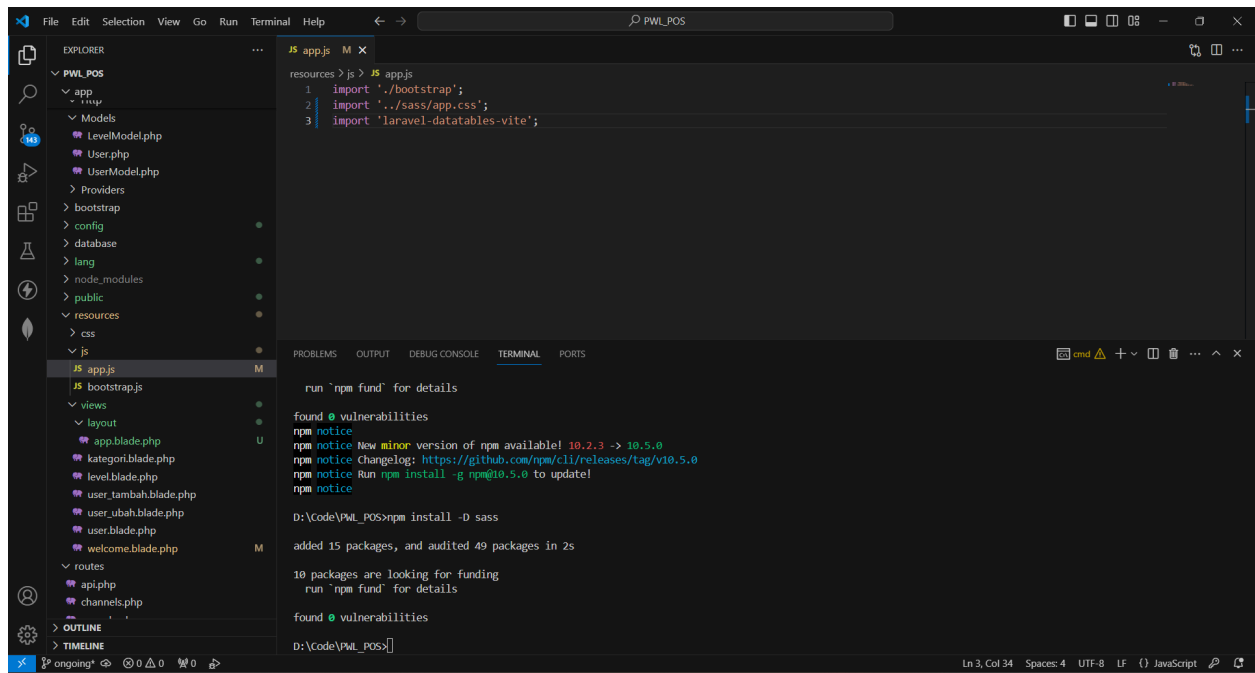
found 0 vulnerabilities
npm notice
npm notice New minor version of npm available! 10.2.3 -> 10.5.0
npm notice Changelog: https://github.com/npm/cli/releases/tag/v10.5.0
npm notice Run npm install -g npm@10.5.0 to update!
npm notice

D:\Code\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
D:\Code\PWL_POS>
```



The screenshot shows the Visual Studio Code interface with the Explorer view on the left displaying the project structure for PWL\_POS. The app.js file in the resources/js directory is open in the editor. The Terminal view at the bottom shows the output of running `npm fund`, which reports no vulnerabilities found and provides information about the npm CLI version.

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

run 'npm fund' for details

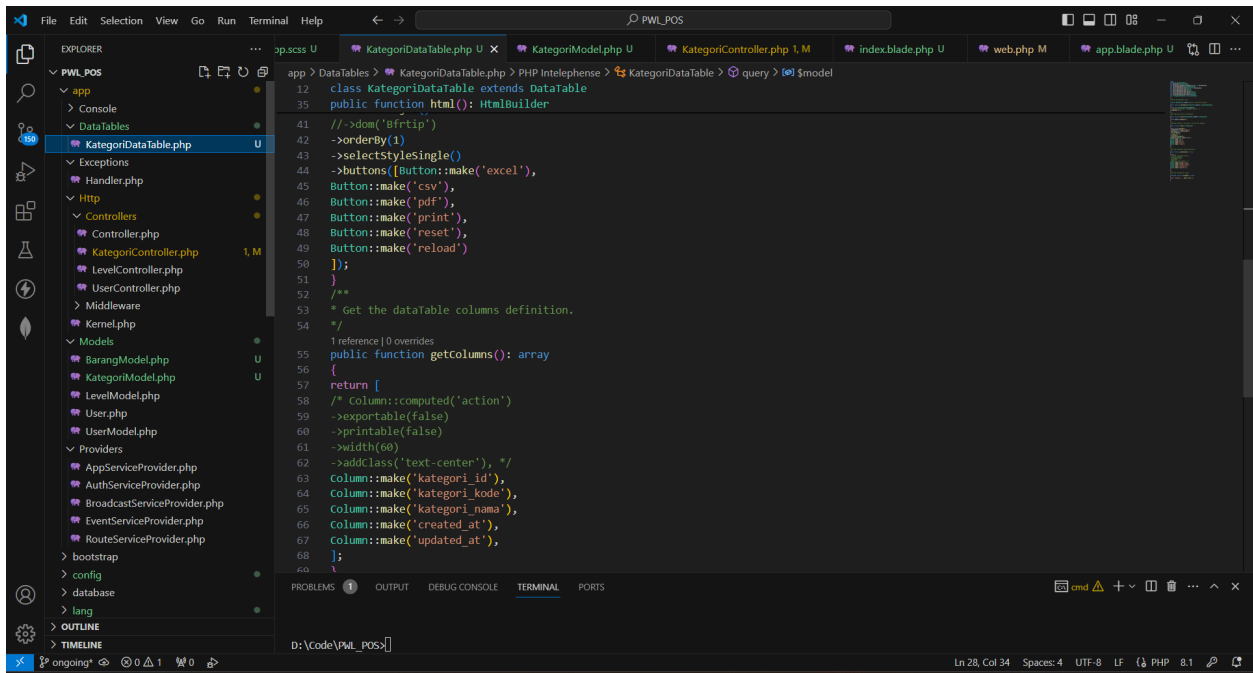
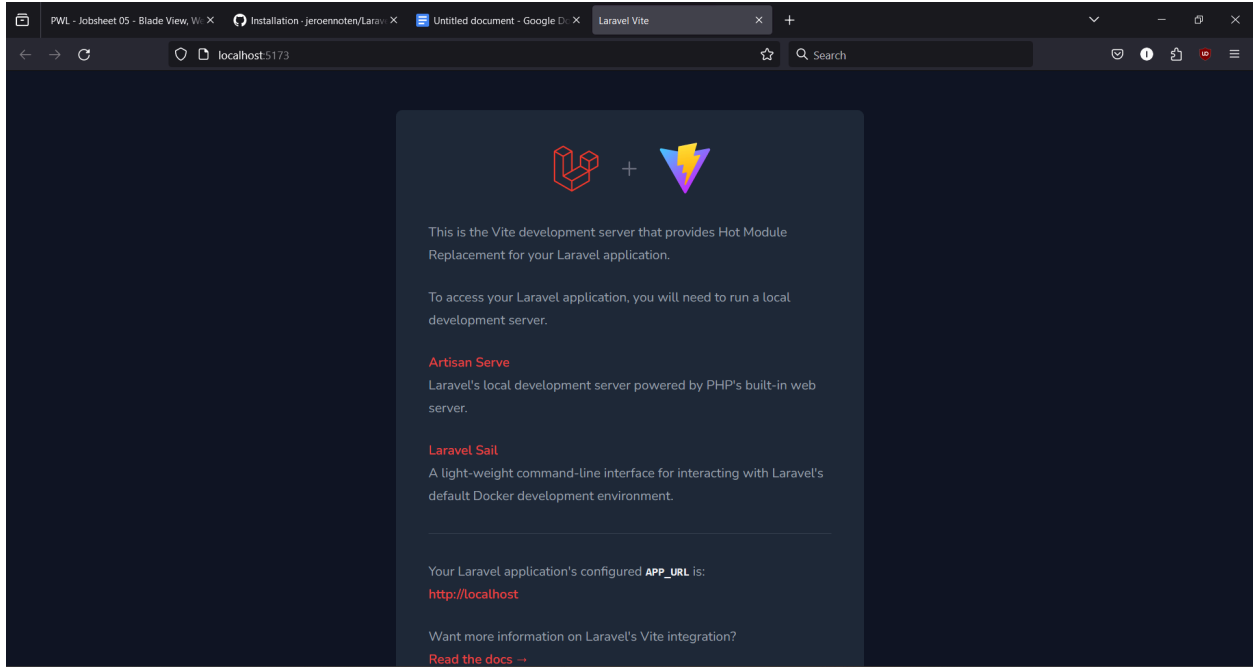
found 0 vulnerabilities
npm notice
npm notice New minor version of npm available! 10.2.3 -> 10.5.0
npm notice Changelog: https://github.com/npm/cli/releases/tag/v10.5.0
npm notice Run npm install -g npm@10.5.0 to update!
npm notice

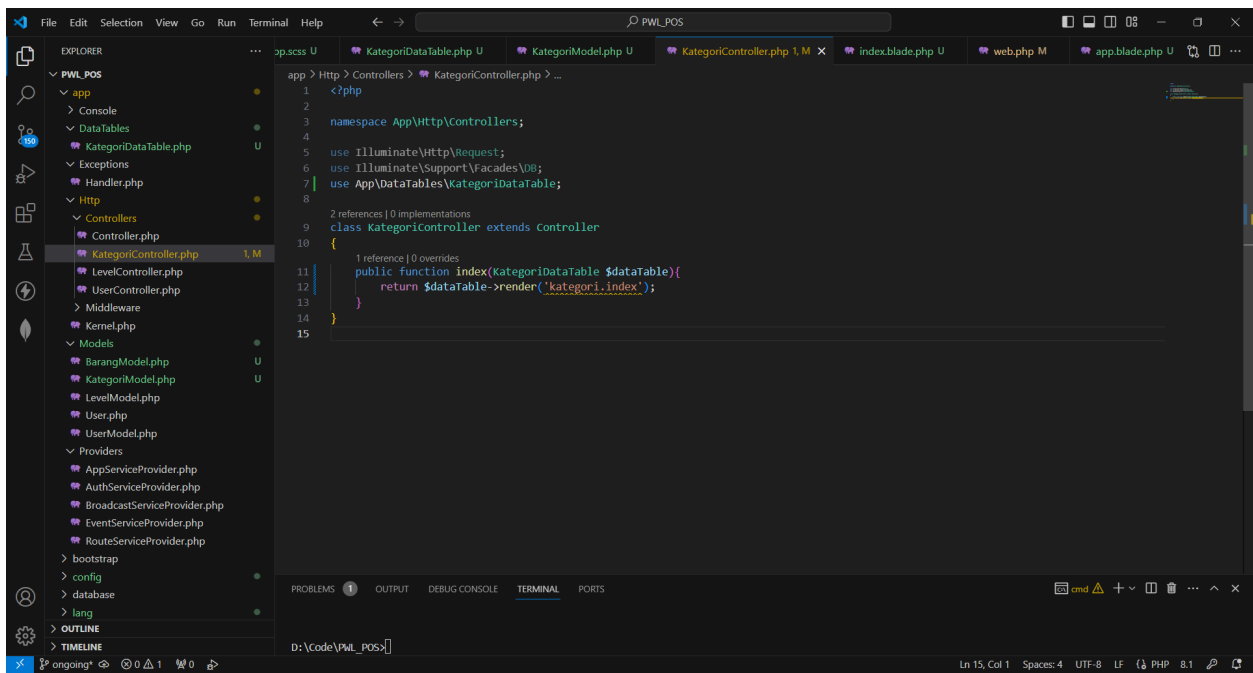
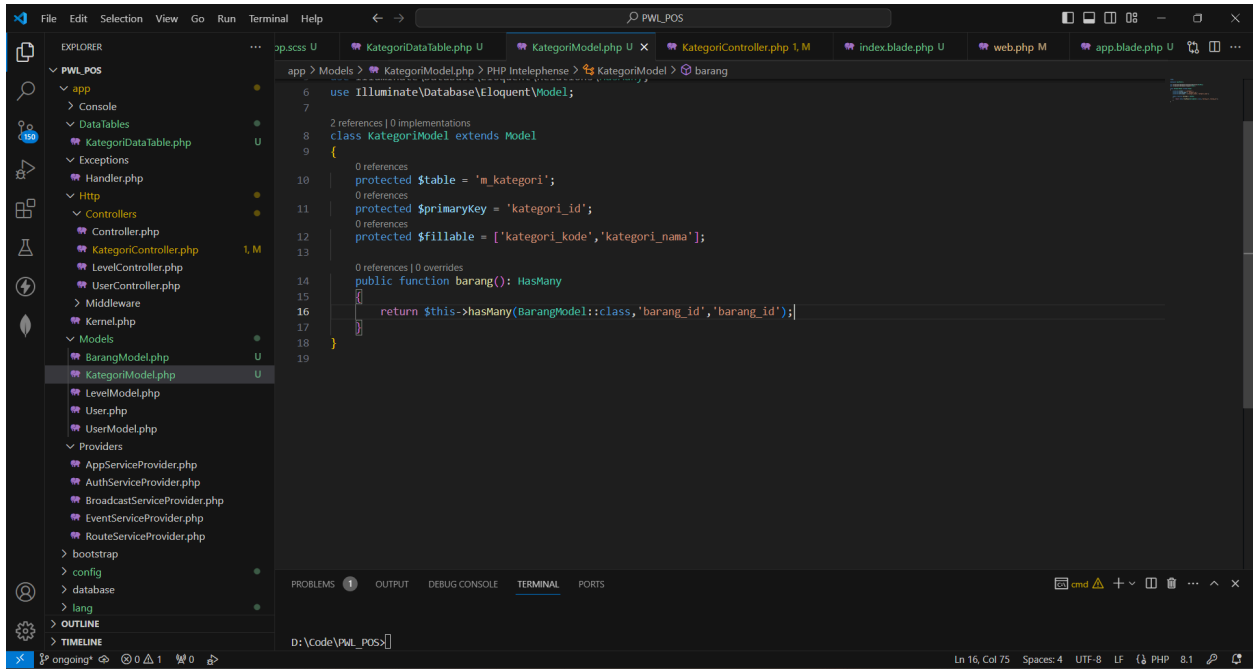
D:\Code\PWL_POS>npm install -D sass

added 15 packages, and audited 49 packages in 2s

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

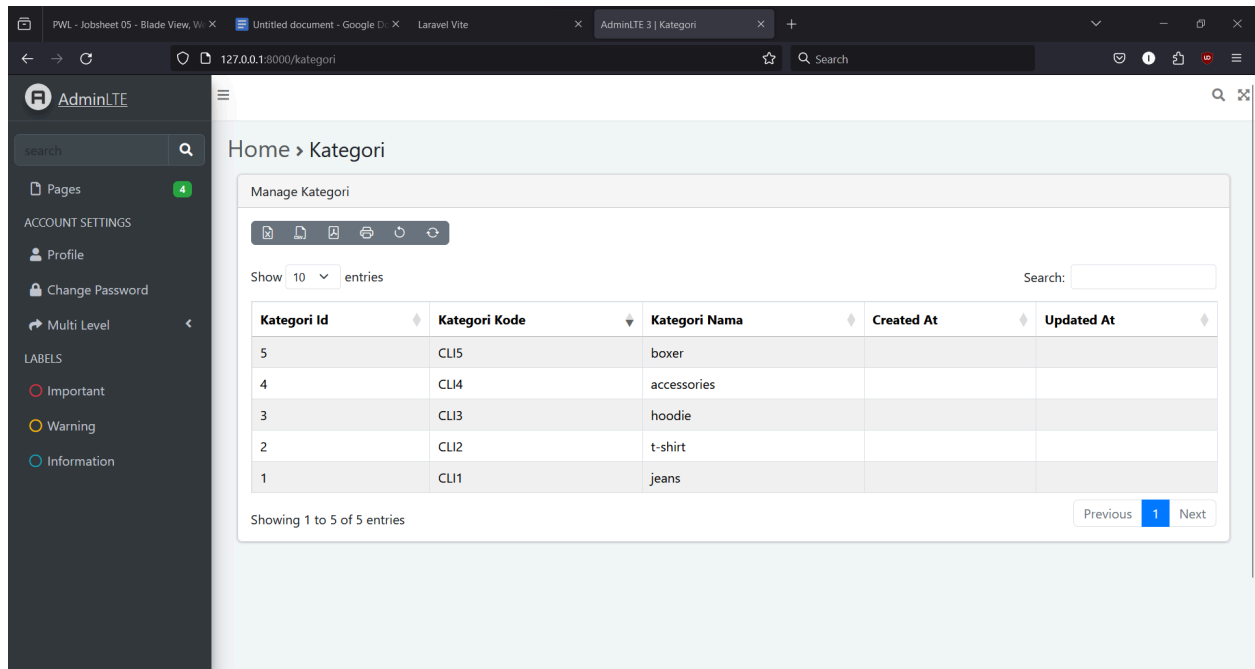
found 0 vulnerabilities
D:\Code\PWL_POS>
```



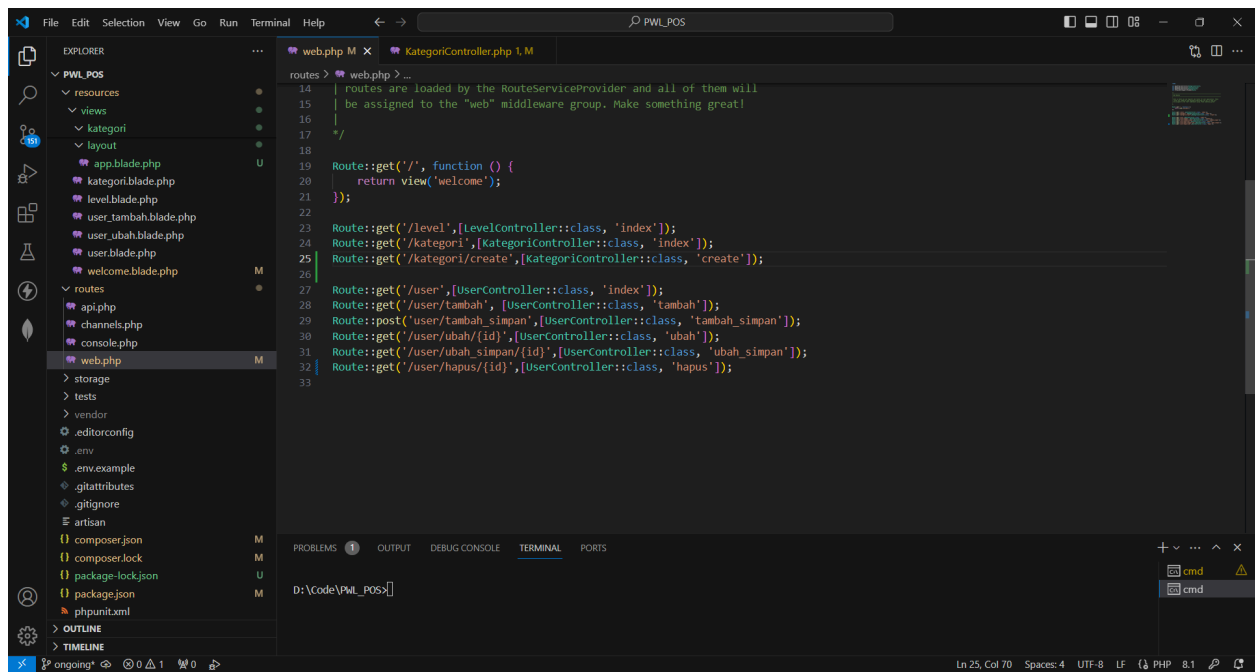


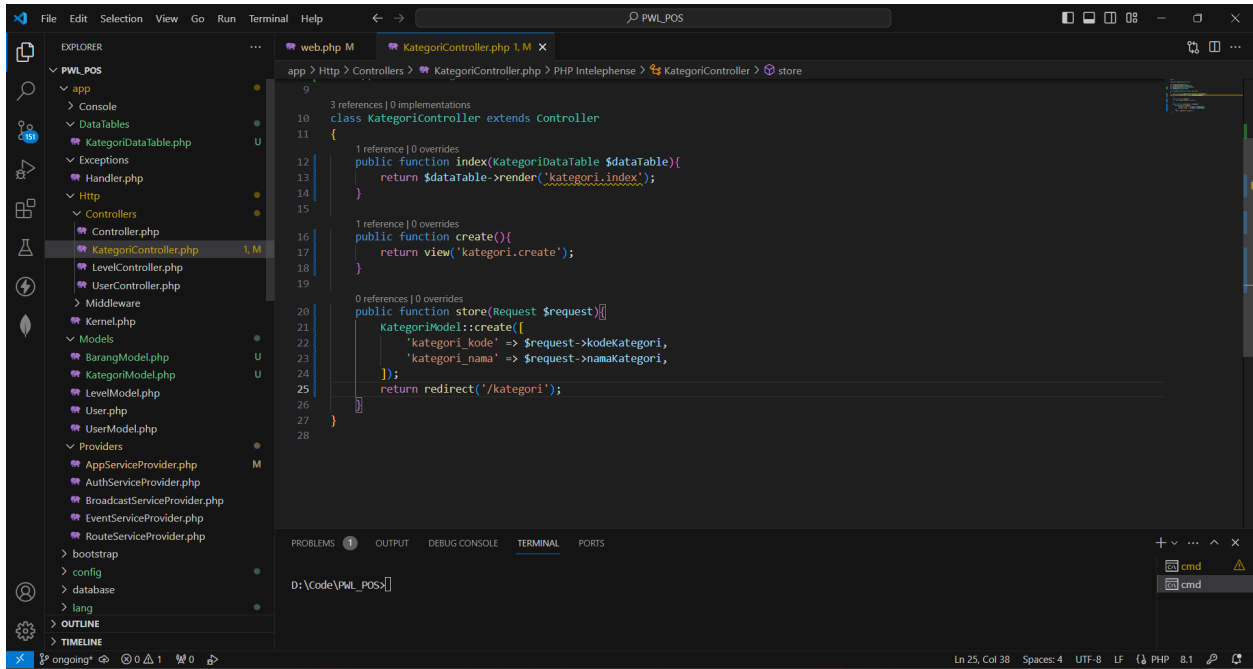
```
resources > views > kategori > index.blade.php > ...
1 @extends('layout.app')
2
3 @section('subtitle', 'Kategori')
4 @section('content_header_title', 'Home')
5 @section('content_header_subtitle', 'Kategori')
6
7 @section('content')
8     <div class="container">
9         <div class="card-header">Manage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

```
app > Providers > AppServiceProvider.php > PHP Intelephense > AppServiceProvider > boot
1 <?php
2
3 namespace App\Providers;
4
5 use Illuminate\Support\ServiceProvider;
6 use Yajra\DataTables\Html\Builder;
7
8 1 reference | 0 implementations
9 class AppServiceProvider extends ServiceProvider
10 {
11     /**
12      * Register any application services.
13      */
14     0 references | 0 overrides
15     public function register(): void
16     {
17         //
18     }
19
20     /**
21      * Bootstrap any application services.
22      */
23     0 references | 0 overrides
24     public function boot(): void
25     {
26         Builder::useVite();
27     }
28 }
```

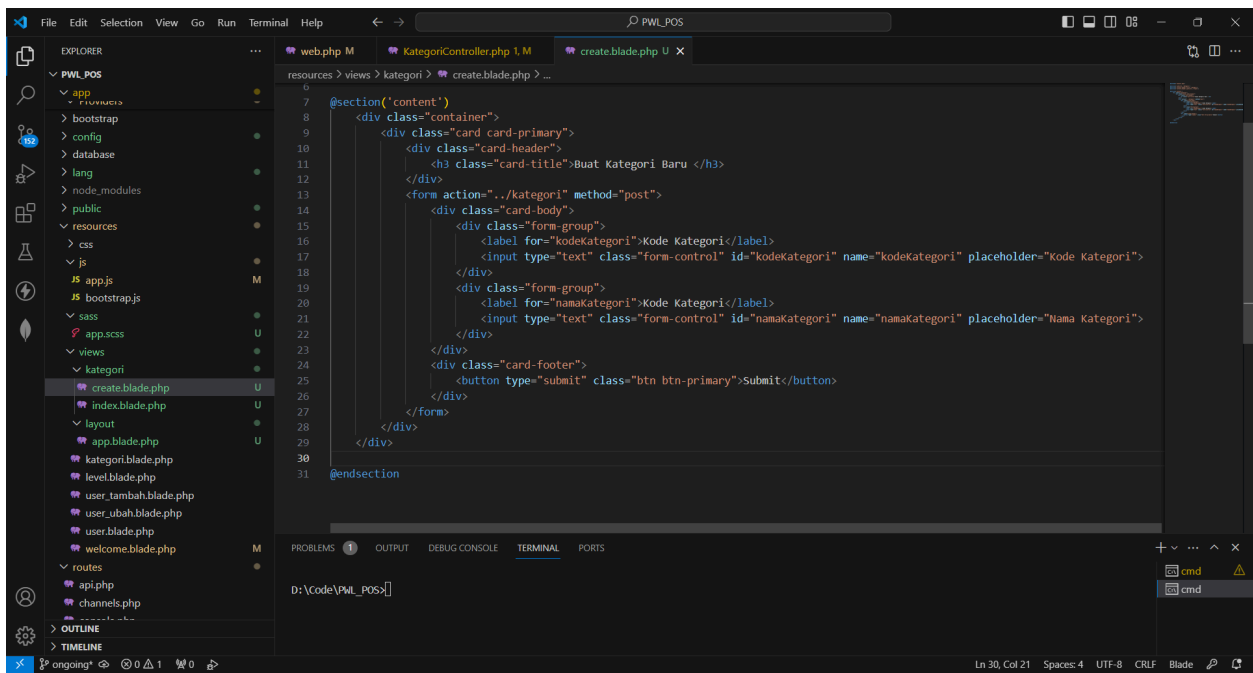


## Praktikum III - Membuat form kemudian menyimpan data dalam database



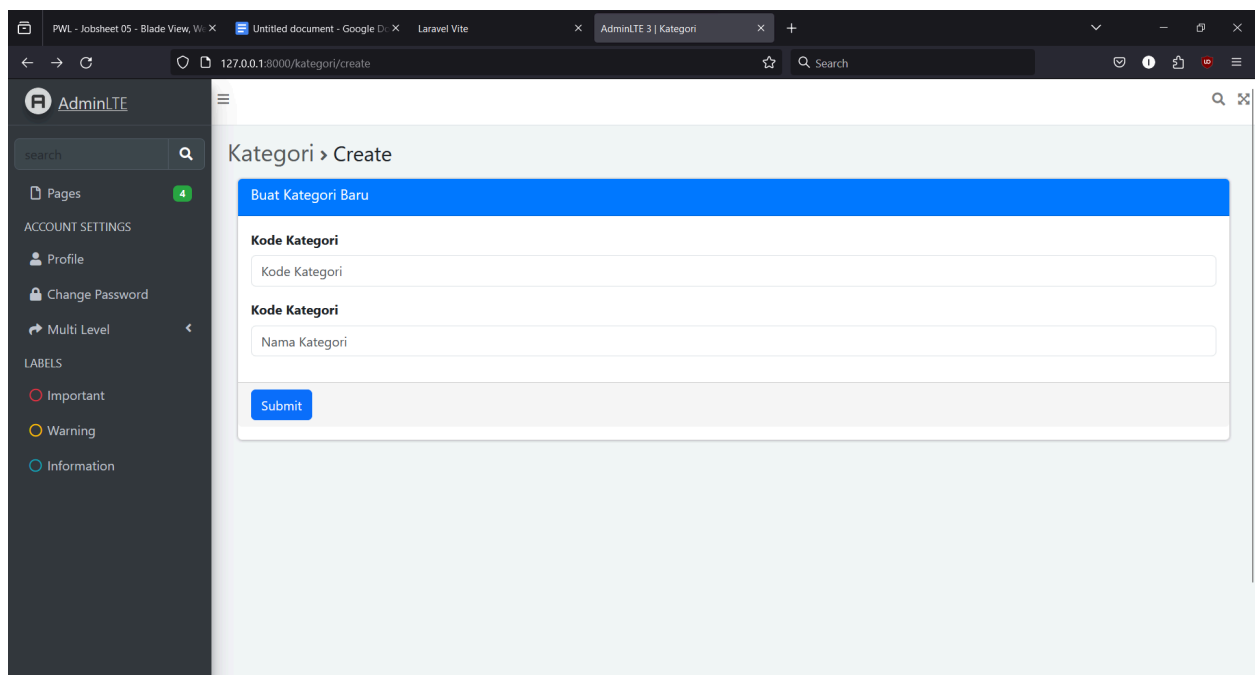
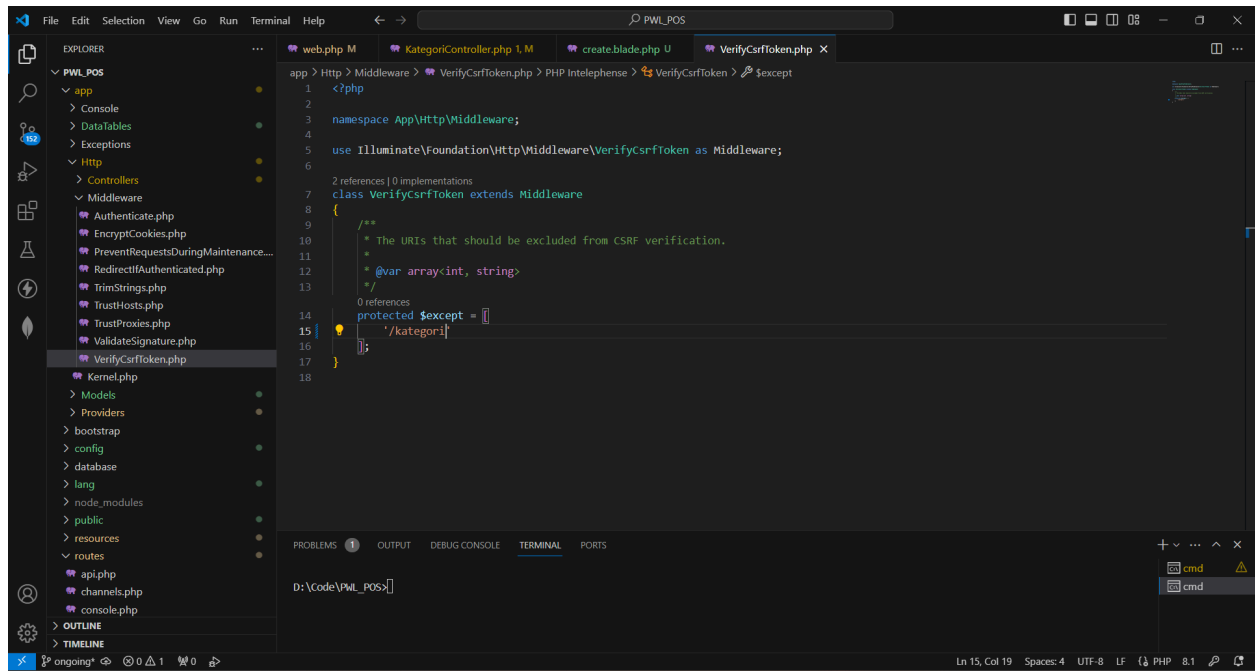


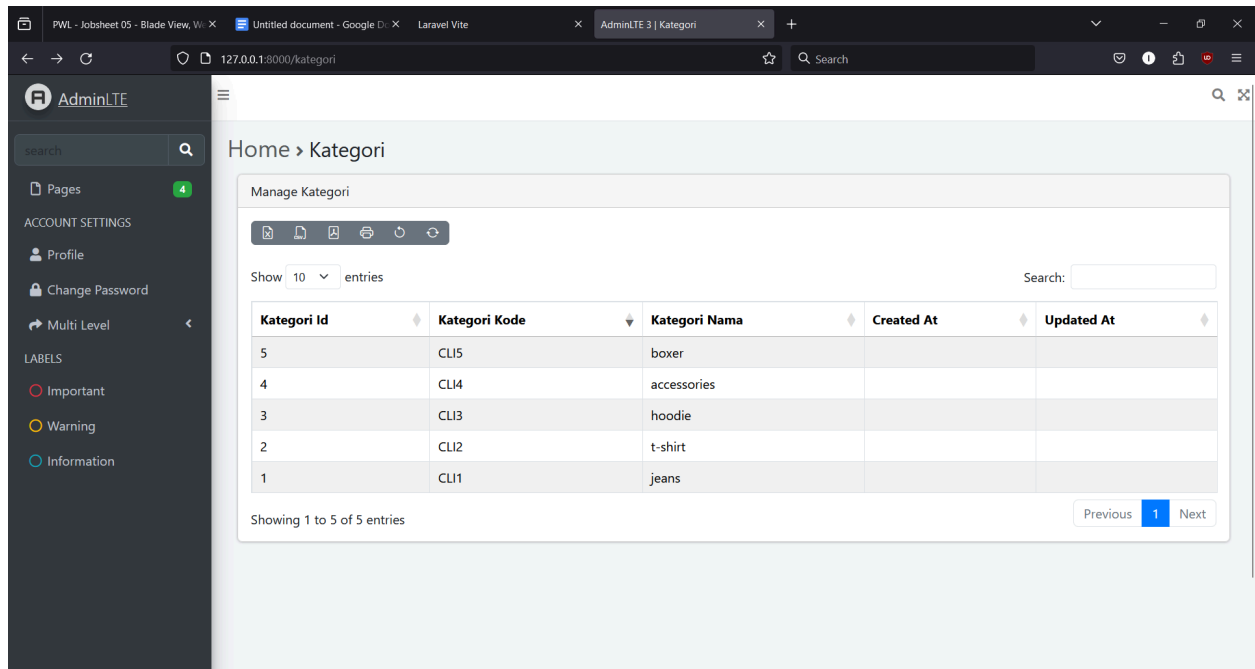
```
app > Http > Controllers > KategoriController.php > PHP Intelephense > KategoriController > store
9
3 references | 0 implementations
10 class KategoriController extends Controller
11 {
12     1 reference | 0 overrides
13     public function index(KategoriDataTable $dataTable){
14         return $dataTable->render('kategori.index');
15     }
16
17     1 reference | 0 overrides
18     public function create(){
19         return view('kategori.create');
20     }
21
22     0 references | 0 overrides
23     public function store(Request $request){
24         KategoriModel::create([
25             'kategori_kode' => $request->kodekategori,
26             'kategori_nama' => $request->namakategori,
27         ]);
28         return redirect('/kategori');
```



```
resources > views > kategori > create.blade.php > ...
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             <form action=".." kategori" method="post">
14                 <div class="card-body">
15                     <div class="form-group">
16                         <label for="kodekategori">Kode Kategori</label>
17                         <input type="text" class="form-control" id="kodekategori" name="kodekategori" placeholder="Kode Kategori">
18                     </div>
19                     <div class="form-group">
20                         <label for="namakategori">Nama Kategori</label>
21                         <input type="text" class="form-control" id="namakategori" name="namakategori" placeholder="Nama Kategori">
22                     </div>
23                 </div>
24                 <div class="card-footer">
25                     <button type="submit" class="btn btn-primary">Submit</button>
26                 </div>
27             </form>
28         </div>
29     </div>
30 @endsection
```



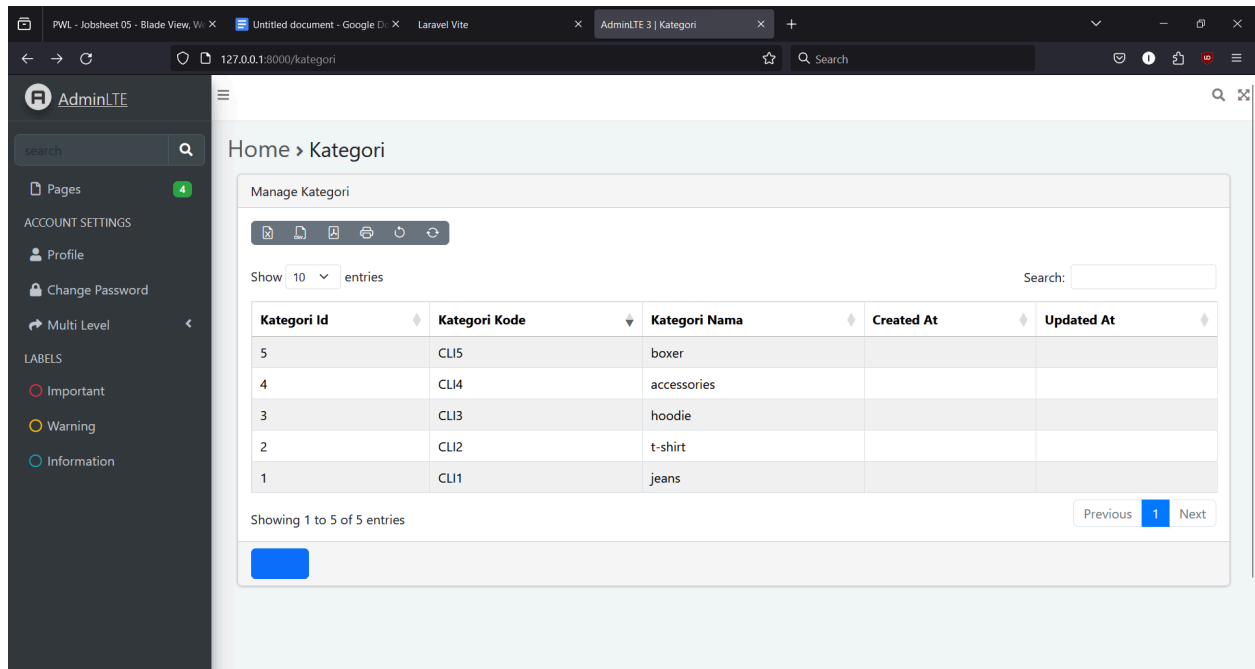




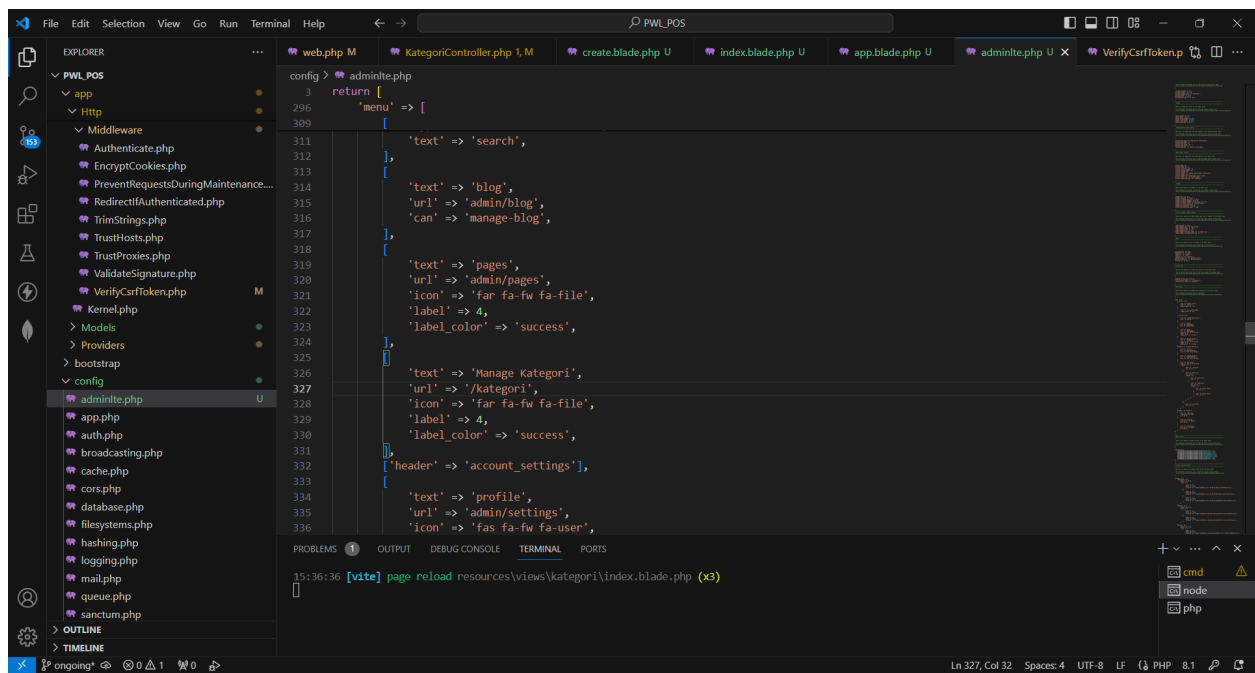
# Tugas Praktikum

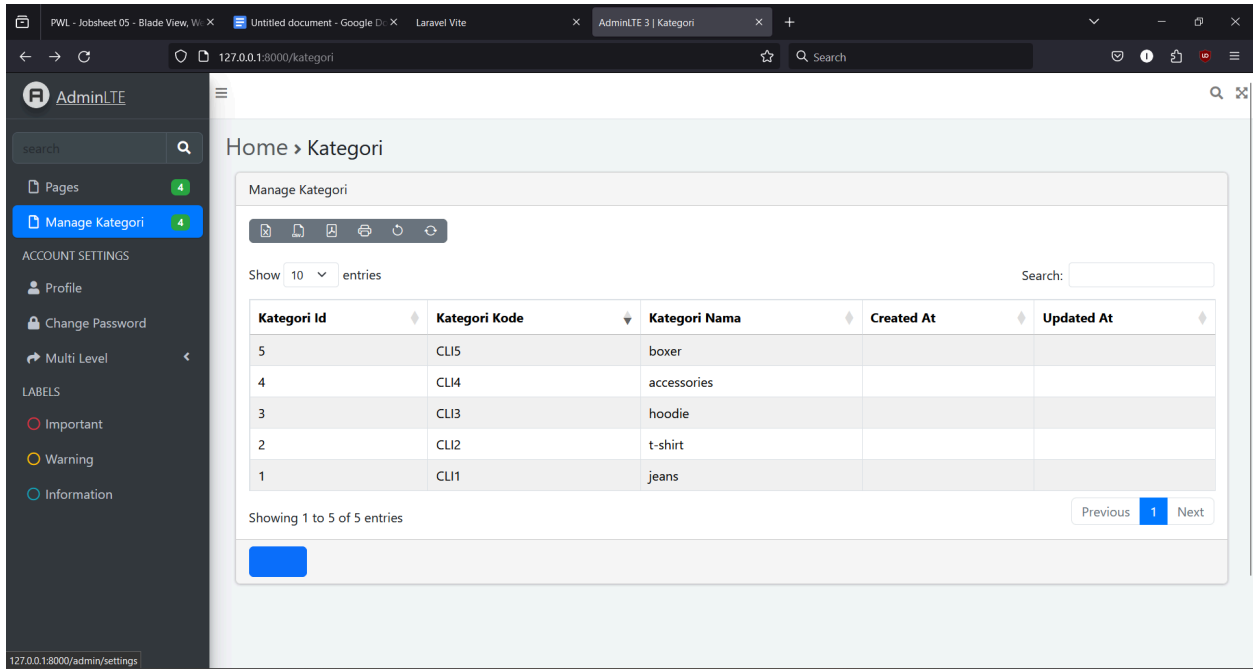
## 1. Menambahkan button add

```
<div class="card-body">
    {{dataTable->table()}}
</div>
<div class="card-footer">
    <button type="button" class="btn btn-primary"><a href="/kategori/create">Create</a></button>
</div>
</div>
div>
```



## Menambahkan Menu





## Menambahkan action edit

Menambahkan kolom pada datatable

```
0 references | 0 overrides
public function dataTable(QueryBuilder $query): EloquentDataTable
{
    return (new EloquentDataTable($query))
        ->addColumn('action', 'kategori.action') /*
        ->addColumn('Action', function($row){
            return '<a class="btn btn-sm btn-primary" href="/kategori/update/' . $row->kategori_id . '">Edit</a>
            <a class="btn btn-sm btn-danger" href="/kategori/delete/' . $row->kategori_id . '">Delete</a>';
        })
        ->rawColumns(['Action'])
        ->setRowId('id');
}
```

Menambahkan Route

```
Route::get('/update/{kategori_id}', [KategoriController::class, 'update']);
Route::get('/delete/{kategori_id}', [KategoriController::class, 'delete']);
Route::post('/create/store', [KategoriController::class, 'store']);
Route::post('/update/store/{kategori_id}', [KategoriController::class, 'store_update']);
```

```
1 reference | 0 overrides
public function update($kategori_id){
    return view('kategori.edit', ['data' => KategoriModel::find($kategori_id)]);
}
```

1 reference | 0 overrides

```
public function store_update(Request $req, $kategori_id){  
    $goto = KategoriModel::find($kategori_id);  
    $goto->kategori_kode = $req->kategori_kode;  
    $goto->kategori_nama = $req->kategori_nama;  
  
    $goto->save();  
    return redirect('/kategori');  
}
```

## Menambahkan View

```
<form action="/kategori/update/store/{{ $data->kategori_id }}" method="post">  
    <div class="card-body">  
        {{ csrf_field() }}  
        <div class="form-group">  
            <label for="kodeKategori">Kode Kategori</label>  
            <input type="text" class="form-control" id="kodeKategori" name="kategori_kode" placeholder="Kode Kategori" value="">  
        </div>  
        <div class="form-group">  
            <label for="namaKategori">Nama Kategori</label>  
            <input type="text" class="form-control" id="namaKategori" name="kategori_nama" placeholder="Nama Kategori" value="">  
        </div>  
    </div>  
    <div class="card-footer">  
        <button type="submit" class="btn btn-primary">Submit</button>  
    </div>  
</form>  
</div>
```

## Kategori > Update

Buat Kategori Baru

Kode Kategori

CL15

Kode Kategori

boxer

Submit

Kategori Id	Kategori Kode	Kategori Nama	Created At	Updated At	Action
5	CLI5	boxer			<a href="#">Edit</a> <a href="#">Delete</a>
4	CLI4	accessories			<a href="#">Edit</a> <a href="#">Delete</a>
3	CLI3	hoodie			<a href="#">Edit</a> <a href="#">Delete</a>
2	CLI2	t-shirt			<a href="#">Edit</a> <a href="#">Delete</a>
1	CLI1	jeans			<a href="#">Edit</a> <a href="#">Delete</a>

## Menambahkan action delete

Menambahkan kolom pada datatable

```
0 references | 0 overrides
public function dataTable(QueryBuilder $query): EloquentDataTable
{
    return (new EloquentDataTable($query))
        ->addColumn('action', 'kategori.action')
        ->addColumn('Action', function($row){
            return '<a class="btn btn-sm btn-primary" href="/kategori/update/' . $row->kategori_id . '>Edit</a>'
                . '<a class="btn btn-sm btn-danger" href="/kategori/delete/' . $row->kategori_id . '>Delete</a>';
        })
        ->rawColumns(['Action'])
        ->setRowId('id');
}
```

Menambahkan Route

```
Route::get('/update/{kategori_id}',[KategoriController::class, 'update']);
Route::get('/delete/{kategori_id}',[KategoriController::class, 'delete']);
Route::post('/create/store',[KategoriController::class, 'store']);
Route::post('/update/store/{kategori_id}',[KategoriController::class, 'store_update']);
```

Menambahkan Controller

```
1 reference | 0 overrides
public function delete($kategori_id){
    KategoriModel::find($kategori_id)->delete();

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

Kategori Id	Kategori Kode	Kategori Nama	Created At	Updated At	Action
5	CLI5	boxer			<a href="#">Edit</a> <a href="#">Delete</a>
4	CLI4	accessories			<a href="#">Edit</a> <a href="#">Delete</a>
3	CLI3	hoodie			<a href="#">Edit</a> <a href="#">Delete</a>
2	CLI2	t-shirt			<a href="#">Edit</a> <a href="#">Delete</a>
1	CLI1	jeans			<a href="#">Edit</a> <a href="#">Delete</a>

# Hasil Commit

Add Edit and Delete

 rickyledjo committed 4 minutes ago

634efe4  