KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET, DAN TEKNOLOGI
POLITEKNIK NEGERI MALANG
JURUSAN TEKNOLOGI INFORMASI
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Mata Kuliah	:	Pemrograman Web Lanjut (PWL)
Program Studi	:	D4 – Teknik Informatika
Semester	:	4

Kelas	:	TI 2C
NIM	:	2341720186
Nama	:	Key Firdausi Alfarel
Jobsheet Ke-	:	8

Laporan Jobsheet

Praktikum Ke-1

1

- tabel kategori

	kategori_id	kategori_kode	kategori_nama	created_at	updated_at
Ubah Salin Hapus	1	ELK	Elektronik	NULL	NULL
Ubah Salin Hapus	2	PAK	Pakaian	NULL	NULL
Ubah Salin Hapus	3	MAK	Makanan	NULL	NULL
Ubah Salin Hapus	4	MIN	Minuman	NULL	NULL
Ubah Salin Hapus	5	ALT	Alat Tulis	NULL	NULL

- tabel barang

	barang_id	kategori_id	barang_kode	barang_nama	harga_beli	harga_jual	created_at	updated_at
Ubah Salin Hapus	1	1	BRG001	Laptop	14958	62424	NULL	NULL
Ubah Salin Hapus	2	2	BRG002	Smartphone	40786	85520	NULL	NULL
Ubah Salin Hapus	3	3	BRG003	T-Shirt	29091	58415	NULL	NULL
Ubah Salin Hapus	4	4	BRG004	Celana Jeans	8298	69989	NULL	NULL
Ubah Salin Hapus	5	5	BRG005	Snack	8487	86503	NULL	NULL
Ubah Salin Hapus	6	1	BRG006	Susu	33387	92515	NULL	NULL
Ubah Salin Hapus	7	2	BRG007	Pensil	44925	86195	NULL	NULL
Ubah Salin Hapus	8	3	BRG008	Pulpen	30488	84287	NULL	NULL
Ubah Salin Hapus	9	4	BRG009	Kopi	47018	72008	NULL	NULL
Ubah Salin Hapus	10	5	BRG010	Teh	29719	80667	NULL	NULL
Ubah Salin Hapus	11	1	BRG011	Roti	48271	82299	NULL	NULL
Ubah Salin Hapus	12	2	BRG012	Monitor	17959	61663	NULL	NULL
Ubah Salin Hapus	13	3	BRG013	Keyboard	25828	56108	NULL	NULL
Ubah Salin Hapus	14	4	BRG014	Mouse	25699	66682	NULL	NULL
Ubah Salin Hapus	15	5	BRG015	Tas	44444	77662	NULL	NULL

2

- template_barang.xlsx

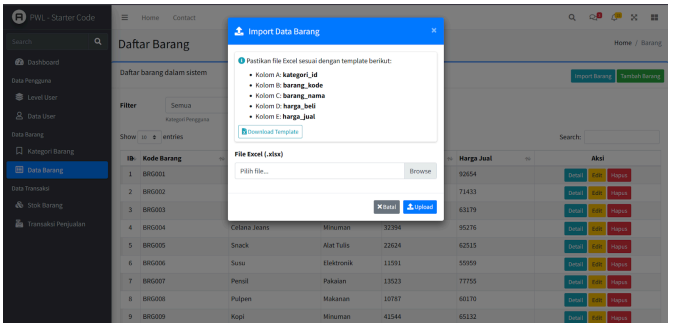
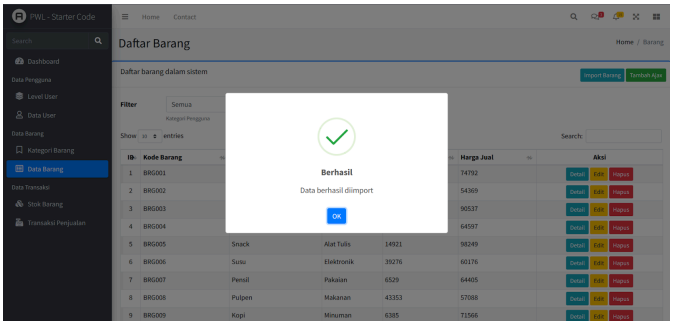
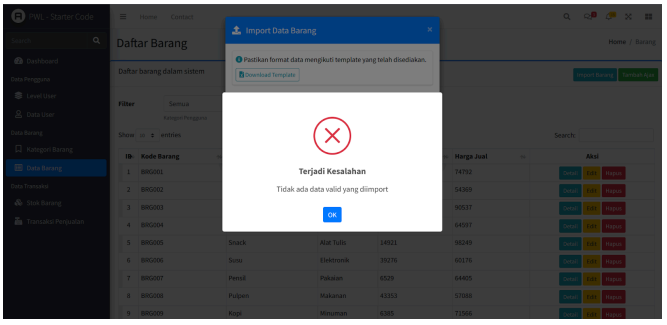
kategori_id	barang_kode	barang_nama	harga_beli	harga_jual
3	BRG016	Donat	7000	75000
4	BRG017	Jus Jeruk	8000	90000
1	BRG018	Headphone	30000	95000
2	BRG019	Jaket Hoodie	25000	85000
5	BRG020	Buku Tulis	5000	60000

3

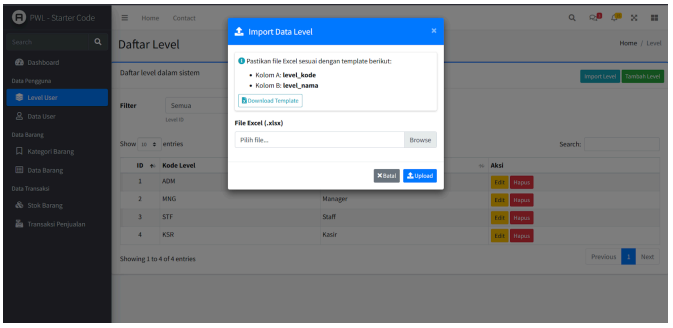
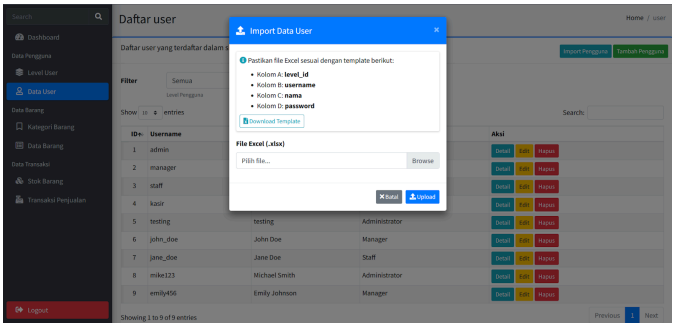
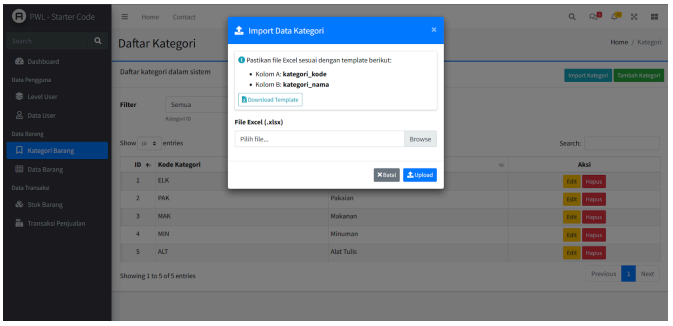
- index barang view

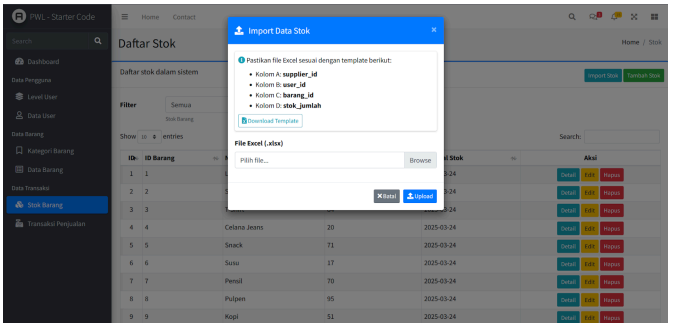
	``php
	@extends('layouts.template')
	
	@section('content')
	> <div class="card card-outline card-primary">…
	</div>
	
	> <div id="myModal" class="modal fade animate shake" tabindex="-1" role="dialog" data-backdrop="static"…
	@endsection
	
	@push('css')
	@endpush
	
	@push('js')
	> <script>…
	</script>
	@endpush
	``
	- import barang view
	``php
	> <form action="{{ url('/barang/import_ajax') }}" method="POST" id="form-import" enctype="multipart/form-data">…
	</form>
	
	> <script>…
	</script>
	``
	- routes barang
	``php
	Route::prefix('barang')->group(function () {
	Route::get('/', [BarangController::class, 'index']);
	Route::post('/list', [BarangController::class, 'list'])->name('barang.list');
	Route::get('/create_ajax', [BarangController::class, 'create_ajax']);
	Route::post('/ajax', [BarangController::class, 'store_ajax']);
	Route::get('/{id}/show_ajax', [BarangController::class, 'show_ajax'])->name('barang.show_ajax');
	Route::get('/{id}/edit_ajax', [BarangController::class, 'edit_ajax']);
	Route::put('/{id}/update_ajax', [BarangController::class, 'update_ajax']);
	Route::get('/import', [BarangController::class, 'import']);
	Route::post('/import_ajax', [BarangController::class, 'import_ajax']);
	Route::get('/{id}/delete_ajax', [BarangController::class, 'confirm_ajax']);
	Route::delete('/{id}/delete_ajax', [BarangController::class, 'delete_ajax']);
	});
	``
	- artisan install phpoffice/phpspreadsheet
	``
	Found 1 security vulnerability advisory affecting 1 package.
	Run "composer audit" for a full list of advisories.
	Using version ^4.1 for phpoffice/phpspreadsheet
	``
	- modifikasi barang controller
	``php
	public function import()
	{
	return view('barang.import');
	}
	
	public function import_ajax(Request $request)
	{
	if ($request->ajax() | | $request->wantsJson()) {
	
	$rules = […
	];
	$validator = Validator::make($request->all(), $rules);
	if ($validator->fails()) {…
	}
	
	try {…
	} catch (\Exception $e) {…
	}
	}
	
	return redirect('/');
	}
	}
	``
	- tampilan import barang

4	
5	
6	
7	
8	

	
9	- data berhasil diimport  - data tidak valid 

Tugas Ke-1

1	**- level**  **- user**  **- kategori**  **- stok**

	
2	- pada praktikum-1 saya membuat import excel yang dimana ketika file excel dengan format yang benar berhasil diimport, maka data di excel akan terinsert ke dalam data tabel.
link github: https://github.com/keyfarel/PWL_2025/tree/main/p_008/js_008	

Praktikum Ke-2

<table>
<tr><td>1</td><td>- modifikasi barang view

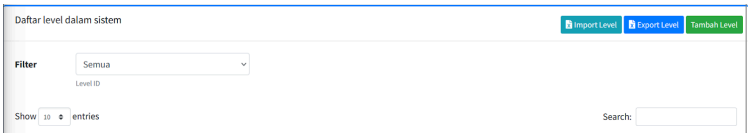
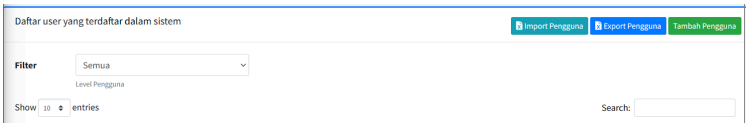
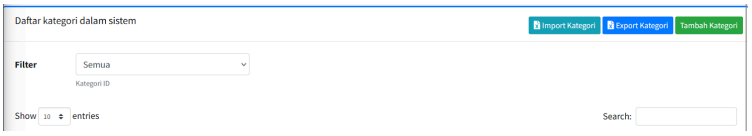
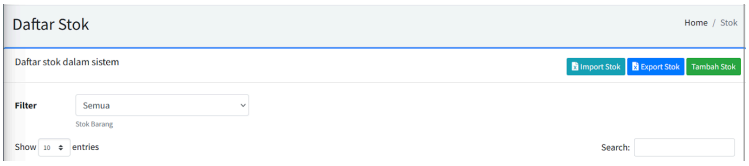
```
<button onclick="modalAction('{{ url('barang/import') }}')" class="btn btn-sm btn-info mt-1">
    Import Barang
</button>
<button onclick="modalAction('{{ url('barang/export_excel') }}')" class="btn btn-sm btn-warning mt-1">
    Export Barang
</button>
<!-- Tombol untuk membuka form create barang via AJAX -->
<button onclick="modalAction('{{ url('barang/create_ajax') }}')" class="btn btn-sm btn-success mt-1">
    Tambah Barang
</button>
```
</td></tr>
<tr><td>2</td><td>- modifikasi routes

```
Route::prefix('barang')->group(function () {
    Route::get('/', [BarangController::class, 'index']);
    Route::post('/list', [BarangController::class, 'list'])->name('barang.list');
    Route::get('/create_ajax', [BarangController::class, 'create_ajax']);
    Route::post('/ajax', [BarangController::class, 'store_ajax']);
    Route::get('/{id}/show_ajax', [BarangController::class, 'show_ajax'])->name('barang.show_ajax');
    Route::get('/{id}/edit_ajax', [BarangController::class, 'edit_ajax']);
    Route::put('/{id}/update_ajax', [BarangController::class, 'update_ajax']);
    Route::get('/import', [BarangController::class, 'import']);
    Route::post('/import_ajax', [BarangController::class, 'import_ajax']);
    Route::get('/export_excel', [BarangController::class, 'export_excel']);
    Route::get('/{id}/delete_ajax', [BarangController::class, 'confirm_ajax']);
    Route::delete('/{id}/delete_ajax', [BarangController::class, 'delete_ajax']);
});
```
</td></tr>
<tr><td>3, 4, 5, 6, 7, 8</td><td>- modifikasi barang controller

```
public function export_excel()
{ ...
}
```
</td></tr>
<tr><td>9</td><td>- sheet barang

No	Kode Barang	Nama Barang	Harga Beli	Harga Jual	Kategori
1	BRG001	Laptop	48030	93583	Elektronik
2	BRG006	Susu	8720	56122	Elektronik
3	BRG011	Roti	40146	84055	Elektronik
4	BRG002	Smartphone	28343	53056	Pakaian
5	BRG007	Pensil	49974	63436	Pakaian
6	BRG012	Monitor	46342	66163	Pakaian
7	BRG003	T-Shirt	34036	82404	Makanan
8	BRG008	Pulpen	14876	51370	Makanan
9	BRG013	Keyboard	9324	65664	Makanan
10	BRG004	Celana Jeans	20322	68973	Minuman
11	BRG009	Kopi	8948	76473	Minuman
12	BRG014	Mouse	5132	79910	Minuman
13	BRG005	Snack	28459	80053	Alat Tulis
14	BRG010	Teh	47885	75792	Alat Tulis
15	BRG015	Tas	37255	73256	Alat Tulis
</td></tr>
</table>

Tugas Ke-2

1	- export level  - export user  - export kategori  - export stok 
2	- pada praktikum-2 saya membuat export file ke excel, ketika pengguna memilih menu export barang ataupun yang lain, maka akan ada file excel yang akan terdownload di local pengguna dengan data yang sama dengan data tabel.
link github: https://github.com/keyfarel/PWL_2025/tree/main/p_008/js_008	

Praktikum Ke-3

1	- install laravel-dompdf
	`PS C:\laragon\www\PWL_2025\p_008\js_008> composer require barryvdh/laravel-dompdf`
	`./composer.json has been updated`
	`Running composer update barryvdh/laravel-dompdf`
	`Loading composer repositories with package information`
	`Updating dependencies`
	`Lock file operations: 6 installs, 0 updates, 0 removals`

2	- modifikasi barang view
	`<div class="card-tools">`
	`<button onclick="modalAction('{{ url('barang/import') }}')" class="btn btn-sm btn-info mt-1">`
	`<i class="fa fa-file-excel mr-1"></i>Import Barang`
	`</button>`
	`<a href="{{ url('/barang/export_excel') }}" class="btn btn-sm btn-primary mt-1">`
	`<i class="fa fa-file-excel mr-1"></i>Export Barang`
	`</a>`
	`<a href="{{ url('/barang/export_pdf') }}" class="btn btn-sm btn-warning mt-1">`
	`<i class="fa fa-file-pdf mr-1"></i> Export Barang`
	`</a>`
	`<button onclick="modalAction('{{ url('barang/create_ajax') }}')" class="btn btn-sm btn-success mt-1">`
	`Tambah Barang`
	`</button>`
	`</div>`

3	- modifikasi routes
	`Route::prefix('barang')->group(function () {`
	`Route::get('/', [BarangController::class, 'index']);`
	`Route::post('/list', [BarangController::class, 'list'])->name('barang.list');`
	`Route::get('/create_ajax', [BarangController::class, 'create_ajax']);`
	`Route::post('/ajax', [BarangController::class, 'store_ajax']);`
	`Route::get('/{id}/show_ajax', [BarangController::class, 'show_ajax'])->name('barang.show_ajax');`
	`Route::get('/{id}/edit_ajax', [BarangController::class, 'edit_ajax']);`
	`Route::put('/{id}/update_ajax', [BarangController::class, 'update_ajax']);`
	`Route::get('/import', [BarangController::class, 'import']);`
	`Route::post('/import_ajax', [BarangController::class, 'import_ajax']);`
	`Route::get('/export_excel', [BarangController::class, 'export_excel']);`
	`Route::get('/export_pdf', [BarangController::class, 'export_pdf']);`
	`Route::get('/{id}/delete_ajax', [BarangController::class, 'confirm_ajax']);`
	`Route::delete('/{id}/delete_ajax', [BarangController::class, 'delete_ajax']);`
	`});`

4	- modifikasi user controller
	`public function export_pdf()`
	`{`
	`$barang = BarangModel::select('kategori_id', 'barang_kode', 'barang_nama', 'harga_beli', 'harga_jual')`
	`->orderBy('kategori_id')`
	`->orderBy('barang_kode')`
	`->with('kategori')`
	`->get();`
	`$pdf = Pdf::loadView('barang.export_pdf', ['barang' => $barang]);`
	`$pdf->setPaper('a4', 'portrait');`
	`$pdf->setOption("isRemoteEnabled", true);`
	`return $pdf->stream('Data Barang ' . date('Y-m-d H:i:s') . '.pdf');`
	`}`

5&6	- membuat view export_pdf

```html
<html>

<head>
    <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
    <style>···
    </style>
</head>

<body>
    <table class="border-bottom-header">···
    </table>
    <h3 class="text-center">LAPORAN DATA BARANG</h4>
        <table class="border-all">···
        </table>
</body>

</html>
```

7

- laporan data barang

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LAPORAN DATA BARANG

No	Kode Barang	Nama Barang	Harga Beli	Harga Jual	Kategori
1	BRG001	Laptop	48.030	93.583	Elektronik
2	BRG006	Susu	8.720	56.122	Elektronik
3	BRG011	Roti	40.146	84.055	Elektronik
4	BRG002	Smartphone	28.343	53.056	Pakaian
5	BRG007	Pensil	49.974	63.436	Pakaian
6	BRG012	Monitor	46.342	66.163	Pakaian
7	BRG003	T-Shirt	34.036	82.404	Makanan
8	BRG008	Pulpen	14.876	51.370	Makanan
9	BRG013	Keyboard	9.324	65.664	Makanan
10	BRG004	Celana Jeans	20.322	68.973	Minuman
11	BRG009	Kopi	8.948	76.473	Minuman
12	BRG014	Mouse	5.132	79.910	Minuman
13	BRG005	Snack	28.459	80.053	Alat Tulis
14	BRG010	Teh	47.885	75.792	Alat Tulis
15	BRG015	Tas	37.255	73.256	Alat Tulis

Tugas Ke-3

1

- laporan data level

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LAPORAN DATA LEVEL

No	Kode Level	Nama Level
1	ADM	Administrator
2	KSR	Kasir
3	MNG	Manager
4	STF	Staff

-laporan data user

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LAPORAN DATA USER

No	Level	Username	Nama
1	Administrator	admin	Administrator
2	Kasir	kasir	Kasir
3	Manager	manager	Manager
4	Staff	staff	Staff

- laporan data kategori

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LAPORAN DATA KATEGORI

No	Kode Kategori	Nama Kategori
1	ALT	Alat Tulis
2	ELK	Elektronik
3	MAK	Makanan
4	MIN	Minuman
5	PAK	Pakaian

- laporan data stok

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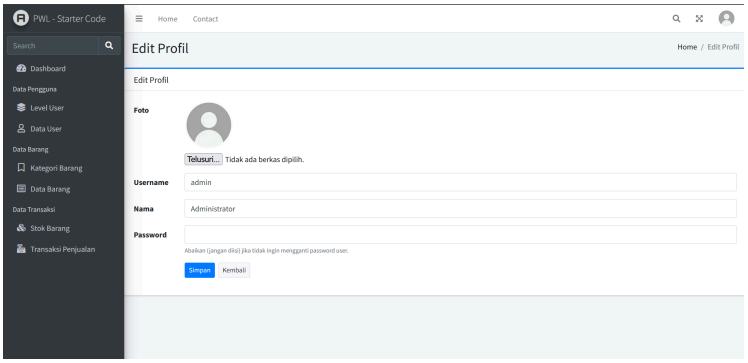
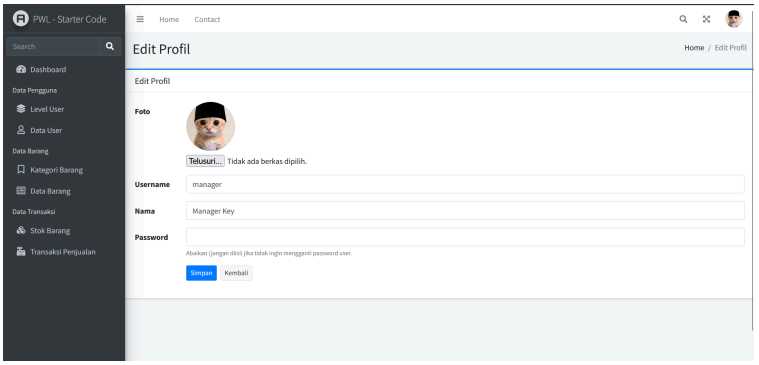
LAPORAN DATA STOK

No	Supplier	User	Barang	Stok Jumlah	Stok Tanggal
1		Manager	Laptop	16	2025-03-24 15:50:25
2		Staff	Smartphone	67	2025-03-24 15:50:25
3		Manager	T-Shirt	84	2025-03-24 15:50:25
4		Manager	Celana Jeans	20	2025-03-24 15:50:25
5		Manager	Snack	71	2025-03-24 15:50:25
6		Staff	Susu	17	2025-03-24 15:50:25
7		Manager	Pensil	70	2025-03-24 15:50:25
8		Staff	Pulpen	95	2025-03-24 15:50:25
9		Manager	Kopi	51	2025-03-24 15:50:25
10		Manager	Teh	27	2025-03-24 15:50:25
11		Staff	Roti	38	2025-03-24 15:50:25
12		Manager	Monitor	42	2025-03-24 15:50:25
13		Staff	Keyboard	45	2025-03-24 15:50:25
14		Manager	Mouse	13	2025-03-24 15:50:25
15		Administrator	Tas	42	2025-03-24 15:50:25

2	- pada praktikum-3 saya membuat export file ke pdf, ketika pengguna memilih menu export barang ataupun yang lain, maka akan ada file pdfyang akan terdownload di local pengguna dengan data yang sama dengan data tabel.

link github: https://github.com/keyfarel/PWL_2025/tree/main/p_008/js_008

Tugas Ke-4

1	- foto profil default  - foto profil setelah diganti 
2	- pada tugas ke-4 ini saya membuat halaman edit profil, dimana pengguna dapat mengganti foto profil serta data yang ada di field yang tersedia. Ketika foto profil berhasil diunggah, maka pada profil pengguna di kanan akan juga akan secara otomatis ikut berubah.
link github: https://github.com/keyfarel/PWL_2025/tree/main/p_008/js_008	