



Mata Kuliah : Pemrograman Web Lanjut (PWL)
Program Studi : D4 – Teknik Informatika / D4 – Sistem Informasi Bisnis
Semester : 4 (empat) / 5 (lima)
Pertemuan ke- : 8 (delapan)

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SIB2A/17

JOBSHEET 08

File Import dan Export ke PDF dan Excel pada Laravel

Sesuai dengan **Studi Kasus PWL.pdf**.

Jadi project Laravel 10 kita masih sama dengan menggunakan repositori **PWL_POS**.

Project PWL_POS akan kita gunakan sampai pertemuan 12 nanti, sebagai project yang akan kita pelajari

A. File Upload (import data) pada Laravel

Mengunggah file merupakan salah satu fitur esensial yang sering kali dijumpai di berbagai proyek website. Fitur ini memberikan kemampuan bagi pengguna untuk memindahkan file dari perangkat komputer lokal mereka ke dalam lingkungan server aplikasi web. Proses ini melibatkan pengguna dalam memilih file dari sistem lokal mereka, seperti gambar, dokumen, atau media lainnya, yang kemudian diunggah melalui formulir yang disediakan di website. Setelah file tersebut berhasil diunggah, server akan menyimpan file tersebut di direktori tertentu yang telah ditentukan sebelumnya oleh pengembang. Penyimpanan ini dapat berada di server lokal, penyimpanan awan (*cloud storage*), atau bahkan dalam jaringan distribusi konten (CDN) untuk memastikan kinerja dan ketersediaan yang optimal. Dengan fitur unggah file ini, pengguna dapat memperkaya konten website secara dinamis, sementara pengembang dapat memastikan bahwa file yang diunggah dikelola dengan baik, aman, dan sesuai dengan kebijakan aplikasi.

Mengunggah file bukan hanya digunakan untuk menambahkan media atau dokumen ke sebuah website, tetapi juga memiliki peran penting dalam proses pengelolaan data, khususnya untuk *import* data ke database dalam aplikasi berbasis Laravel. Fitur ini memungkinkan



pengguna untuk mengunggah file berisi data dalam format seperti CSV atau Excel, yang kemudian diproses oleh aplikasi untuk dimasukkan ke dalam database.

Proses ini biasanya dimulai dengan pengguna memilih file yang berisi data dari komputer lokal mereka dan mengunggahnya ke server melalui formulir yang disediakan di aplikasi web. Setelah file berhasil diunggah, Laravel akan memproses file tersebut menggunakan paket seperti Maatwebsite Excel, yang dirancang khusus untuk menangani impor data dari file Excel atau CSV. Dalam jobsheet ini, kita akan mempelajari bagaimana cara mengunggah file yang digunakan untuk proses input data ke dalam database (import) menggunakan Laravel.

Praktikum 1 – Implementasi Upload File untuk import data:

1. Kita buka database yang sudah kita buat sebelumnya, dan kita cek tabel `m_kategori` dan `m_barang`

kategori_id	kategori_kode	kategori_nama	created_at	updated_at
1	SBK	Sembako	2024-08-16 02:57:53	NULL
2	SNK	Makanan Ringan	2024-08-16 02:57:53	NULL
3	MND	Peralatan Mandi	2024-08-16 02:57:53	NULL
4	BAY	Keperluan Bayi	2024-08-16 02:57:53	NULL
5	MNM	Minuman	2024-08-16 02:57:53	NULL

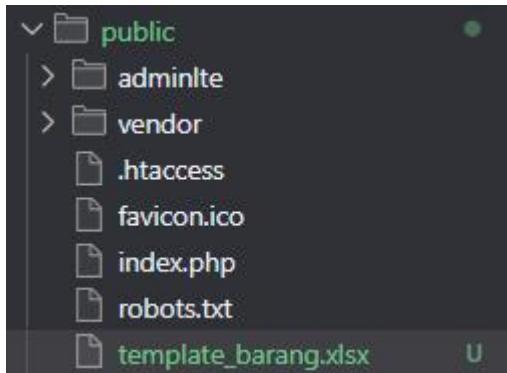
barang_id	kategori_id	barang_kode	barang_nama	harga_beli	harga_jual	created_at	updated_at
1	1	SBK-001	Beras Cap Jago (5kg)	65000	68000	2024-08-19 20:07:06	NULL
2	1	SBK-002	Beras Bramo Cap Lele	80000	83000	2024-08-19 20:07:06	NULL
3	2	SNK-001	Happy Toss	10500	11000	2024-08-19 20:07:06	NULL
4	2	SNK-002	Oreo	7200	7800	2024-08-19 20:07:06	NULL
5	3	MND-001	Sabun Lifebouy	4250	5000	2024-08-19 20:07:06	NULL
6	3	MND-002	Pasta Gigi Pepsoden	6750	7500	2024-08-19 20:07:06	NULL
7	4	BAY-001	Susu SGM Coklat 900gr	92500	95000	2024-08-19 20:07:06	NULL
8	4	BAY-002	Popok Mamy Poko	56000	58000	2024-08-19 20:07:06	NULL
9	5	MNM-001	Aqua 600ml	3700	4500	2024-08-19 20:07:06	NULL
10	5	MNM-002	Le Mineral	3500	4000	2024-08-19 20:07:06	NULL

2. Disini kita akan mencoba untuk memasukkan data ke dalam sistem kita secara banyak. Kita bisa menggunakan file excel untuk mencoba memasukkan data barang ke dalam sistem kita. Kita buat template file excel yang akan kita gunakan untuk import data barang.



	A	B	C	D	E	F
1	kategori_id	barang_kode	barang_nama	harga_beli	harga_jual	
2	1	SBK-003	Telur Omega (10 butir)	22000	25000	
3	2	SNK-003	Sari Roti	11500	12500	
4	3	MND-003	Shampo Pantene	17500	18500	
5	4	BAY-003	Baju Bayi 2th	89000	92500	
6	5	MNM-003	Cleo 600ml	3750	4300	
7						

Contoh kita ingin mengimport 5 data barang sekaligus. Kita simpan ke file excel dengan nama `template_barang.xlsx`, dan kita simpan pada folder `public` di project web kita.



3. Selanjutnya kita modifikasi view pada `barang/index.blade.php` untuk bisa menambahkan tombol menambah form untuk upload untuk import data barang



```
@extends('layouts.template')

@section('content')
    <div class="card">
        <div class="card-header">
            <h3 class="card-title">Daftar barang</h3>
            <div class="card-tools">
                <button onclick="modalAction('{{ url('/barang/import') }}')" class="btn btn-info">Import Barang</button>
                <a href="{{ url('/barang/create') }}" class="btn btn-primary">Tambah Data</a>
                <button onclick="modalAction('{{ url('/barang/create_ajax') }}')" class="btn btn-success">Tambah Data (Ajax)</button>
            </div>
        </div>
        <div class="card-body">
            <!-- untuk Filter data -->
            <div id="filter" class="form-horizontal filter-date p-2 border-bottom mb-2">
                <div class="row">
                    <div class="col-md-12">
                        <div class="form-group form-group-sm row text-sm mb-0">
                            <label for="filter_date" class="col-md-1 col-form-label">Filter</label>
                            <div class="col-md-3">
                                <select name="filter_kategori" class="form-control form-control-sm filter_kategori">
                                    <option value="">- Semua -</option>
                                    @foreach($kategori as $l)
                                        <option value="{{ $l->kategori_id }}>{{ $l->kategori_nama }}</option>
                                    @endforeach
                                </select>
                                <small class="form-text text-muted">Kategori Barang</small>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
            @if(session('success'))
                <div class="alert alert-success">{{ session('success') }}</div>
            @endif
            @if(session('error'))
                <div class="alert alert-danger">{{ session('error') }}</div>
            @endif
        </div>
    </div>

```



```
<table class="table table-bordered table-sm table-striped table-hover"
id="table-barang">
    <thead>
        <tr><th>No</th><th>Kode Barang</th><th>Kode Barang</th><th>Harga Beli</th><th>Harga Jual</th><th>Kategori</th><th>Aksesoris</th></tr>
    </thead>
    <tbody></tbody>
</table>
</div>
<div id="myModal" class="modal fade animate shake" tabindex="-1" data-backdrop="static"
data-keyboard="false" data-width="75%"></div>

@endsection

@push('js')
<script>
    function modalAction(url = ''){
        $('#myModal').load(url,function(){
            $('#myModal').modal('show');
        });
    }

var tableBarang;
$(document).ready(function(){
    tableBarang = $('#table-
        barang').DataTable({ processing: true,
        serverSide: true,
        ajax: {
            "url": "{{ url('barang/list') }}",
            "dataType": "json",
            "type": "POST",
            "data": function ( d ) {
                d.filter_kategori = $('.filter_kategori').val();
            }
        },
        columns: [
            { data: "No_Urut",
                className: "text-center",
                width: "5%",
                orderable: false,
                searchable: false
            },
            { data: "barang_kode",
                className: "",
                width: "10%",
                orderable: true,
                searchable: true
            },
            { data: "barang_nama",
                className: "",
                width: "37%",
                orderable: true,
                searchable: true
            },
            { data: "harga_beli",
                className: "",
                width: "10%",
                orderable: true,
                searchable: false,
                render: function(data, type, row){
                    return new Intl.NumberFormat('id-ID').format(data);
                }
            },
            { data: "harga_jual",
                className: "",
                width: "10%",
```



```
orderable: true,
searchable: false,
render: function(data, type, row){
    return new Intl.NumberFormat('id-ID').format(data);
}
},{
    data: "kategori.kategori_nama",
    className: "",
    width: "14%",
    orderable: true,
    searchable: false
},{
    data: "aksi",
    className: "text-center",
    width: "14%",
    orderable: false,
    searchable: false
}
]
});

$('#table-barang_filter input').unbind().bind().on('keyup',
function(e){ if(e.keyCode == 13){ // enter key
    tableBarang.search(this.value).draw();
}
});

$('.filter_kategori').change(function(){
    tableBarang.
    draw();
});
});
</script>
@endpush
```

4. Selanjutnya kita buat view untuk form upload/import file excel dan download file `template_barang.xlsx`. Kita beri nama file dengan nama `barang/import.blade.php`

```
<form action="{{ url('/barang/import_ajax') }}" method="POST" id="form-import"
enctype="multipart/form-data">
@csrf
<div id="modal-master" class="modal-dialog modal-lg" role="document">
    <div class="modal-content">
        <div class="modal-header">
            <h5 class="modal-title" id="exampleModalLabel">Import Data Barang</h5>
            <button type="button" class="close" data-dismiss="modal" aria-
label="Close"><span aria-hidden="true">&times;</span></button>
        </div>
        <div class="modal-body">
            <div class="form-group">
                <label>Download Template</label>
                <a href="{{ asset('template_barang.xlsx') }}" class="btn btn-info btn-
sm" download><i class="fa fa-file-excel"></i>Download</a>
                <small id="error-kategori_id" class="error-text form-text text-
danger"></small>
            </div>
            <div class="form-group">
                <label>Pilih File</label>
                <input type="file" name="file_barang" id="file_barang" class="form-
control" required>
                <small id="error-file_barang" class="error-text form-text text-
danger"></small>
            </div>
        </div>
        <div class="modal-footer">
```



```
        <button type="button" data-dismiss="modal" class="btn btn-warning">Batal</button>
        <button type="submit" class="btn btn-primary">Upload</button>
    </div>
</div>
</div>
</form>
<script>
$(document).ready(function() {
    $("#form-import").validate({ rules
        : {
            file_barang: {required: true, extension: "xlsx"},
        },
        submitHandler: function(form) {
            var formData = new FormData(form); // Jadikan form ke FormData untuk menghandle file

            $.ajax({
                url: form.action,
                type: form.method,
                data: formData, // Data yang dikirim berupa FormData
                processData: false, // setting processData dan contentType ke false, untuk menghandle file
                contentType: false,
                success: function(response)
                { if(response.status){ // jika sukses
                    $('#myModal').modal('hide');
                    Swal.fire(
                        icon: 'success',
                        title: 'Berhasil',
                        text: response.message
                    );
                    tableBarang.ajax.reload(); // reload datatable
                }else{ // jika error
                    $('.error-text').text('');
                    $.each(response.msgField, function(prefix, val) {
                        $('#error-' +prefix).text(val[0]);
                    });
                    Swal.fire(
                        icon: 'error',
                        title: 'Terjadi Kesalahan',
                        text: response.message
                    );
                }
            });
            return false;
        },
        errorElement: 'span',
        errorPlacement: function (error, element)
        { error.addClass('invalid-feedback');
        element.closest('.form-group').append(error);
        },
        highlight: function (element, errorClass, validClass) {
            $(element).addClass('is-invalid');
        },
        unhighlight: function (element, errorClass, validClass) {
            $(element).removeClass('is-invalid');
        }
    });
})</script>
```

5. Kemudian kita modifikasi [route/web.php](#) untuk mengakomodir proses upload file pada menu barang



```
Route::get('/barang',[BarangController::class,'index']);  
Route::post('/barang/list',[BarangController::class,'list']);  
Route::get('/barang/create_ajax',[BarangController::class,'create_ajax']); // ajax form create  
Route::post('/barang_ajax',[BarangController::class,'store_ajax']); // ajax store  
Route::get('/barang/{id}/edit_ajax',[BarangController::class,'edit_ajax']); // ajax form edit  
Route::put('/barang/{id}/update_ajax',[BarangController::class,'update_ajax']); // ajax update  
Route::get('/barang/{id}/delete_ajax',[BarangController::class,'confirm_ajax']); // ajax form confirm  
Route::delete('/barang/{id}/delete_ajax',[BarangController::class,'delete_ajax']); // ajax delete  
Route::get('/barang/import',[BarangController::class,'import']); // ajax form upload excel  
Route::post('/barang/import_ajax',[BarangController::class,'import_ajax']); // ajax import excel  
  
Route::get('/barang', [BarangController::class, 'index']);  
Route::post('/barang/list', [BarangController::class, 'list']);  
Route::get('/barang/create_ajax', [BarangController::class, 'create_ajax']); // ajax form create  
Route::post('/barang_ajax', [BarangController::class, 'store_ajax']); // ajax store  
Route::get('/barang/{id}/edit_ajax', [BarangController::class, 'edit_ajax']); // ajax form edit  
Route::put('/barang/{id}/update_ajax', [BarangController::class, 'update_ajax']); // ajax update  
Route::get('/barang/{id}/delete_ajax', [BarangController::class, 'confirm_ajax']); // ajax form confirm  
Route::delete('/barang/{id}/delete_ajax', [BarangController::class, 'delete_ajax']); // ajax delete  
Route::get('/barang/import', [BarangController::class, 'import']); // ajax form upload excel  
Route::post('/barang/import_ajax', [BarangController::class, 'import_ajax']); // ajax import excel
```

- Untuk bisa membaca/menulis file excel, maka kita butuhkan library untuk membaca/menulis file excel. Jadi kita bisa memakai library [phoffice/phpspreadsheet](#). Kita ketikkan perintah di terminal/CMD

```
composer require phoffice/phpspreadsheet
```

```
88 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 ^4.1 for phoffice/phpspreadsheet
```

- Selanjutnya kita modifikasi file [BarangController.php](#) untuk memproses data



```
<?php
namespace App\Http\Controllers;

use App\Models\LevelModel;
use App\Models\BarangModel;
use App\Models\KategoriModel;
use Illuminate\Http\Request;
use Illuminate\Support\Facades\Hash;
use Illuminate\Support\Facades\Validator;
use PhpOffice\PhpSpreadsheet\IOFactory;
use Yajra\DataTables\Facades\DataTables;

class BarangController extends Controller
{

    public function index (){
        $activeMenu = 'barang';
        $breadcrumb = (object)
            [
                'title' => 'Data Barang',
                'list' => ['Home', 'Barang']
            ];
        $kategori = KategoriModel::select('kategori_id', 'kategori_nama')->get();
        return view('barang.index', [
            'activeMenu' => $activeMenu,
            'breadcrumb' => $breadcrumb,
            'kategori' => $kategori
        ]);
    }

    public function list(Request $request)
    {
        $barang = BarangModel::select('barang_id', 'barang_kode', 'barang_nama',
        'harga_beli', 'harga_jual', 'kategori_id')->with('kategori');

        $kategori_id = $request->input('filter_kategori');
        if(!empty($kategori_id)){
            $barang->where('kategori_id', $kategori_id);
        }

        return DataTables::of($barang)
            ->addIndexColumn()
            ->addColumn('aksi', function ($barang) { // menambahkan kolom aksi
                return 'Edit Delete';
            });
    }
}
```



```
/*$btn = '<a href="'.url('/barang/' . $barang->barang_id).'" class="btn btn-info btn-sm">Detail</a> ';
 $btn .= '<a href="'.url('/barang/' . $barang->barang_id .
 '/edit').'" class="btn btn-warning btn-sm">Edit</a> ';
 $btn .= '<form class="d-inline-block" method="POST" action="'.url('/barang/'.$barang->barang_id).'>' .
 csrf_field() . method_field('DELETE') .
 '<button type="submit" class="btn btn-danger btn-sm" onclick="return confirm(\\'Apakah Kita yakin menghapus data ini?\')";>Hapus</button></form>';
 $btn = '<button onclick="modalAction('.url('/barang/' . $barang->barang_id .
 '/show_ajax').'\') class="btn btn-info btn-sm">Detail</button> ';
 $btn .= '<button onclick="modalAction('.url('/barang/' . $barang-
>barang_id . '/edit_ajax').'\') class="btn btn-warning btn-sm">Edit</button> ';
 $btn .= '<button onclick="modalAction('.url('/barang/' . $barang-
>barang_id . '/delete_ajax').'\') class="btn btn-danger btn-sm">Hapus</button> ';
 return $btn;
})
->rawColumns(['aksi']) // ada teks html
->make(true);
}

public function create_ajax()
{
    $kategori = KategoriModel::select('kategori_id', 'kategori_nama')->get();
    return view('barang.create_ajax')->with('kategori', $kategori);
}

public function store_ajax(Request $request)
{
    if($request->ajax() || $request->wantsJson()){
        $rules = [
            'kategori_id' => ['required', 'integer', 'exists:m_kategori,kategori_id'],
            'barang_kode' => ['required', 'min:3', 'max:20',
'unique:m_barang,barang_kode'],
            'barang_nama' => ['required', 'string', 'max:100'],
            'harga_beli' => ['required', 'numeric'],
            'harga_jual' => ['required', 'numeric'],
        ];
        $validator = Validator::make($request->all(), $rules);
        if($validator->fails()){
            return response()->
                json([
                    'status' =>
                    false,
                    'message' => 'Validasi Gagal',
                    'msgField' => $validator->errors()
                ]);
        }
        BarangModel::create($request->all());
        return response()->json([
            'status' => true,
            'message' => 'Data berhasil disimpan'
        ]);
    }
    redirect('/');
}

public function edit_ajax($id)
{
    $barang = BarangModel::find($id);
    $level = LevelModel::select('level_id', 'level_nama')->get();
    return view('barang.edit_ajax', ['barang' => $barang, 'level' => $level]);
}

public function update_ajax(Request $request, $id)
{
```



```
if ($request->ajax() || $request->wantsJson()) {  
    $rules = [  
        'kategori_id' => ['required', 'integer', 'exists:m_kategori,kategori_id'],  
        'barang_kode' => ['required', 'min:3', 'max:20',  
        'unique:m_barang,barang_kode, '. $id .',barang_id'],  
        'barang_nama' => ['required', 'string', 'max:100'],  
        'harga_beli' => ['required', 'numeric'],  
        'harga_jual' => ['required', 'numeric'],  
    ];  
  
    // use Illuminate\Support\Facades\Validator;  
    $validator = Validator::make($request->all(), $rules);  
    if ($validator->fails()) {  
        return response()->json([  
            'status' => false, // respon json, true: berhasil, false: gagal  
            'message' => 'Validasi gagal.',  
            'msgField' => $validator->errors() // menunjukkan field mana yang error  
        ]);  
    }  
  
    $check = BarangModel::find($id);  
    if ($check) {  
        $check->update($request->all());  
        return response()->json([  
            'status' => true,  
            'message' => 'Data berhasil diupdate'  
        ]);  
    } else{  
        return response()->json([  
            'status' =>  
            false,  
            'message' => 'Data tidak ditemukan'  
        ]);  
    }  
    return redirect('/');  
}  
  
public function confirm_ajax($id)  
{  
    $barang = BarangModel::find($id);  
    return view('barang.confirm_ajax', ['barang' => $barang]);  
}  
  
public function delete_ajax(Request $request, $id)  
{  
    if($request->ajax() || $request->wantsJson()){  
        $barang = BarangModel::find($id);  
        if($barang){ // jika sudah ditemukan  
            $barang->delete(); // barang di hapus  
            return response()->json([  
                'status' => true,  
                'message' => 'Data berhasil dihapus'  
            ]);  
        }else{  
            return response()->json([  
                'status' =>  
                false,  
                'message' => 'Data tidak ditemukan'  
            ]);  
        }  
        return redirect('/');  
    }  
  
    public function import()  
    {
```



```
public function import_ajax(Request $request)
{
    if($request->ajax() || $request->wantsJson()){
        $rules = [
            // validasi file harus xls atauxlsx, max 1MB
            'file_barang' => ['required', 'mimes:xlsx', 'max:1024']
        ];

        $validator = Validator::make($request->all(), $rules);
        if($validator->fails()){
            return response()->json([
                'status' =>
                false,
                'message' => 'Validasi Gagal',
                'msgField' => $validator->errors()
            ]);
        }

        $file = $request->file('file_barang'); // ambil file dari request

        $reader = IOFactory::createReader('Xlsx'); // load reader file excel
        $reader->setReadDataOnly(true); // hanya membaca data
        $spreadsheet = $reader->load($file->getRealPath()); // load file excel
        $sheet = $spreadsheet->getActiveSheet(); // ambil sheet yang aktif

        $data = $sheet->toArray(null, false, true, true); // ambil data excel

        $insert = [];
        if(count($data) > 1){ // jika data lebih dari 1 baris
            foreach ($data as $baris => $value) {
                if($baris > 1){ // baris ke 1 adalah header, maka lewati
                    $insert[] = [
                        'kategori_id' => $value['A'],
                        'barang_kode' => $value['B'],
                        'barang_nama' => $value['C'],
                        'harga_beli' => $value['D'],
                        'harga_jual' => $value['E'],
                        'created_at' => now(),
                    ];
                }
            }

            if(count($insert) > 0){
                // insert data ke database, jika data sudah ada, maka diabaikan
                BarangModel::insertOrIgnore($insert);
            }
        }

        return response()->json([
            'status' =>
            true,
            'message' => 'Data berhasil diimport'
        ]);
    }else{
        return response()->json([
            'status' =>
            false,
            'message' => 'Tidak ada data yang diimport'
        ]);
    }
}
return redirect('/');
```

8. Sekarang kita coba jalankan browser dan klik tombol import pada menu Barang



Import Data Barang

Download Template [Download](#)

Pilih File

No file selected.

9. Kita upload template data yang sudah kita siapkan, dan amati apa yang terjadi.

The screenshot shows a web application interface for managing data. On the left, there's a sidebar with various menu items like Dashboard, Data Pengguna, Level User, Data User, Data Barang, Kategori Barang, and Data Barang (which is currently selected). The main content area has a title "Import Data Barang" with a "Download Template" button. Below it is a "Pilih File" section with a "Choose File" input field showing "No file chosen". At the bottom of this section are "Batal" and "Upload" buttons. To the right, there's a table with columns: No, Kode Barang, Kode Barang, Harga Beli, Harga Jual, Kategori, and Aksi. One row is visible with values: 1, BRG001, TV, 3.000.000, 3.500.000, Elektronik, and two small buttons. Overlaid on the main content is a large modal window. The modal features a large green checkmark inside a circle at the top. Below the checkmark, the word "Berhasil" is prominently displayed in bold black text. Underneath "Berhasil", the text "Data berhasil diimport" is shown. At the bottom of the modal is a blue "OK" button. The background of the modal is white, and it has a dark gray border.



kategori_id	barang_kode	barang_nama	harga_beli	harga_jual
1	BD_01	Budispeed	2500	4500

No	Kode Barang	Kode Barang	Harga Beli	Harga Jual	Kategori	Aksi
1	BRG001	TV	3.000.000	3.500.000	Elektronik	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
2	BRG002	Kulkas	4.000.000	4.500.000	Elektronik	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
3	BRG003	Baju	100.000	150.000	Pakaian	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
4	BRG004	Celana	120.000	170.000	Pakaian	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
5	BRG005	Mie Instan	3.000	5.000	Makanan	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
6	BRG006	Snack	5.000	8.000	Makanan	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
7	BRG007	Air Mineral	3.000	5.000	Minuman	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
8	BRG008	Susu	10.000	13.000	Minuman	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
9	BRG009	Buku Tulis	5.000	8.000	Alat Tulis	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
10	BRG010	Pulpen	2.000	5.000	Alat Tulis	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
11	BD_01	Budispeed	2.500	4.500	Elektronik	<button>Detail</button> <button>Edit</button> <button>Hapus</button>

Showing 1 to 11 of 11 entries

Previous **1** Next

Tugas 1 – Implementasi File Upload untuk Import Data:

1. Silahkan implementasikan praktikum 1 pada project kalian masing-masing untuk semua menu

User

Controller



```
public function import()
{
    return view('user.import');
}

public function import_ajax(Request $request)
{
    if ($request->ajax() || $request->wantsJson()) {
        $rules = [
            'file_user' => ['required', 'mimes:xlsx', 'max:1024']
        ];

        $validator = Validator::make($request->all(), $rules);
        if ($validator->fails()) {
            return response()->json([
                'status' => false,
                'message' => 'Validasi Gagal',
                'msgField' => $validator->errors()
            ]);
        }
    }

    $file = $request->file('file_user');

    $reader = IOFactory::createReader('Xlsx');
    $reader->setReadDataOnly(true);
    $spreadsheet = $reader->load($file->getRealPath());
    $sheet = $spreadsheet->getActiveSheet();

    $data = $sheet->toArray(null, false, true, true);

    $insert = [];
    if (count($data) > 1) {
        foreach ($data as $baris => $value) {
            if ($baris > 1) {
                $insert[] = [
                    'level_id' => $value['A'],
                    'username' => $value['B'],
                    'nama' => $value['C'],
                    'password' => bcrypt($value['D']),
                    'created_at' => now(),
                ];
            }
        }

        if (count($insert) > 0) {
            UserModel::insertOrIgnore($insert);
        }

        return response()->json([
            'status' => true,
            'message' => 'Data user berhasil diimport'
        ]);
    } else {
        return response()->json([
            'status' => false,
            'message' => 'Tidak ada data yang diimport'
        ]);
    }
}
return redirect('/');
}
```



View

```
<div class="card-tools">
    <button onclick="modalAction('{{ url('/user/import') }}')" class="btn btn-sm btn-info mt-1">Import User</button>
    <a class="btn btn-sm btn-primary mt-1" href="{{ url('user/create') }}">Tambah</a>
    <button onclick="modalAction('{{ url('/user/create_ajax') }}')" class="btn btn-sm btn-success mt-1">Tambah Ajax</button>
</div>

<form action="{{ url('/user/import_ajax') }}" method="POST" id="form-import" enctype="multipart/form-data">
    @csrf
    <div id="modal-master" class="modal-dialog modal-lg" role="document">
        <div class="modal-content">
            <div class="modal-header">
                <h5 class="modal-title">Import Data User</h5>
                <button type="button" class="close" data-dismiss="modal" aria-label="Close">
                    <span aria-hidden="true"></span>
                </button>
            </div>
            <div class="modal-body">
                <div class="form-group">
                    <label>Download Template</label>
                    <a href="{{ asset('template_user.xlsx') }}" class="btn btn-info btn-sm" download>
                        <i class="fa fa-file-excel"></i> Download
                    </a>
                    <small id="error-kategori_id" class="error-text form-text text-danger"></small>
                </div>
                <div class="form-group">
                    <label>Pilih File</label>
                    <input type="file" name="file_user" id="file_user" class="form-control" required>
                    <small id="error-file_user" class="error-text form-text text-danger"></small>
                </div>
            </div>
            <div class="modal-footer">
                <button type="button" data-dismiss="modal" class="btn btn-warning">Batal</button>
                <button type="submit" class="btn btn-primary">Upload</button>
            </div>
        </div>
    </div>
</form>
```



```
<script>
    $(document).ready(function() {
        $("#form-import").validate({
            rules: [
                file_user: {
                    required: true,
                    extension: "xlsx"
                }
            ],
            submitHandler: function(form) {
                var formData = new FormData(form);

                $.ajax({
                    url: form.action,
                    type: form.method,
                    data: formData,
                    processData: false,
                    contentType: false,
                    success: function(response) {
                        if (response.status) {
                            $('#myModal').modal('hide');
                            Swal.fire({
                                icon: 'success',
                                title: 'Berhasil',
                                text: response.message
                            });
                            tableUser.ajax.reload();
                        } else {
                            $('.error-text').text('');
                            $.each(response.msgField, function(prefix, val) {
                                $('#error-' + prefix).text(val[0]);
                            });
                            Swal.fire({
                                icon: 'error',
                                title: 'Terjadi Kesalahan',
                                text: response.message
                            });
                        }
                    },
                    error: function(xhr, status, error) {
                        Swal.fire({
                            icon: 'error',
                            title: 'Error AJAX',
                            text: 'Terjadi kesalahan: ' + xhr.status + ' - ' + error
                        });
                        console.log('Error:', xhr.responseText);
                    }
                });
                return false;
            },
            errorElement: 'span',
            errorPlacement: function(error, element) {
                error.addClass('invalid-feedback');
                element.closest('.form-group').append(error);
            },
            highlight: function(element) {
                $(element).addClass('is-invalid');
            },
            unhighlight: function(element) {
                $(element).removeClass('is-invalid');
            }
        });
    });
</script>
```



Routes

```
Route::get('/import', [UserController::class, 'import']); // ajax form upload excel
Route::post('/import_ajax', [UserController::class, 'import_ajax']); // ajax import excel
```

Web

level_id	username	nama	password
1	adminbudi	budispeed	12345

ID	Username	Nama	Level Pengguna	Aksi
1	admin	Administrator	Administrator	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
2	manager	Manager	Manager	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
3	staff	Staff/Kasir	Staff/Kasir	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
4	customer-1	Pelanggan Pertama	Pelanggan	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
5	manager_dua	Manager 2	Manager	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
6	manager_tiga	Manager 3	Manager	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
7	manager22	Manager Dua Dua	Manager	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
8	manager33	Manager Tiga Tiga	Manager	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
9	manager56	Manager55	Manager	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
10	manager12	Manager11	Manager	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
11	khuzaima170105	Khuzaima Filla Januartha	Administrator	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
12	khzmftes2	khuzaimaLanangtes	Administrator	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
13	regist1	Coba Register 1	Administrator	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
14	cobaregist	Coba regist user	Administrator	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
15	adminbudi	budispeed	Administrator	<button>Detail</button> <button>Edit</button> <button>Hapus</button>

Level

Controller



```
public function import()
{
    return view('level.import');
}

public function import_ajax(Request $request)
{
    if ($request->ajax() || $request->wantsJson()) {
        $rules = [
            'file_level' => ['required', 'mimes:xlsx', 'max:1024']
        ];

        $validator = Validator::make($request->all(), $rules);
        if ($validator->fails()) {
            return response()->json([
                'status' => false,
                'message' => 'Validasi Gagal',
                'msgField' => $validator->errors()
            ]);
        }
    }

    $file = $request->file('file_level');

    $reader = IOFactory::createReader('Xlsx');
    $reader->setReadDataOnly(true);
    $spreadsheet = $reader->load($file->getRealPath());
    $sheet = $spreadsheet->getActiveSheet();
    $data = $sheet->toArray(null, false, true, true);

    $insert = [];
    if (count($data) > 1) {
        foreach ($data as $baris => $value) {
            if ($baris > 1) {
                $insert[] = [
                    'level_kode' => $value['A'],
                    'level_nama' => $value['B'],
                    'created_at' => now(),
                ];
            }
        }

        if (count($insert) > 0) {
            LevelModel::insertOrIgnore($insert);
        }
    }

    return response()->json([
        'status' => true,
        'message' => 'Data level berhasil diimport'
    ]);
} else {
    return response()->json([
        'status' => false,
        'message' => 'Tidak ada data yang diimport'
    ]);
}
}

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



View

```
<button onclick="modalAction('{{ url('/level/import') }}')" class="btn btn-sm btn-info mt-1">Import Level</button>
<a class="btn btn-sm btn-primary mt-1" href="{{ url('level/create') }}">Tambah</a>
<button onclick="modalAction('{{ url('/level/create_ajax') }}')" class="btn btn-sm btn-success mt-1">Tambah Ajax</button>

<form action="{{ url('/level/import_ajax') }}" method="POST" id="form-import" enctype="multipart/form-data">
    @csrf
    <div id="modal-master" class="modal-dialog modal-lg" role="document">
        <div class="modal-content">
            <div class="modal-header">
                <h5 class="modal-title">Import Data Level</h5>
                <button type="button" class="close" data-dismiss="modal" aria-label="Close">
                    <span aria-hidden="true"></span>
                </button>
            </div>
            <div class="modal-body">
                <div class="form-group">
                    <label>Download Template</label>
                    <a href="{{ asset('template_level.xlsx') }}" class="btn btn-info btn-sm" download>
                        <i class="fa fa-file-excel"></i> Download
                    </a>
                </div>
                <div class="form-group">
                    <label>Pilih File</label>
                    <input type="file" name="file_level" id="file_level" class="form-control" required>
                    <small id="error-file_level" class="error-text form-text text-danger"></small>
                </div>
            </div>
            <div class="modal-footer">
                <button type="button" data-dismiss="modal" class="btn btn-warning">Batal</button>
                <button type="submit" class="btn btn-primary">Upload</button>
            </div>
        </div>
    </div>
</form>
```



```
<script>
    $(document).ready(function() {
        $('#form-import').validate({
            rules: {
                file_level: {
                    required: true,
                    extension: "xlsx"
                }
            },
            submitHandler: function(form) {
                var formData = new FormData(form);

                $.ajax([
                    url: form.action,
                    type: form.method,
                    data: formData,
                    processData: false,
                    contentType: false,
                    success: function(response) {
                        if (response.status) {
                            $('#myModal').modal('hide');
                            Swal.fire({
                                icon: 'success',
                                title: 'Berhasil',
                                text: response.message
                            });
                            tableLevel.ajax.reload();
                        } else {
                            $('.error-text').text('');
                            $.each(response.msgField, function(prefix, val) [
                                $('#error-' + prefix).text(val[0]);
                            ]);
                            Swal.fire({
                                icon: 'error',
                                title: 'Terjadi Kesalahan',
                                text: response.message
                            });
                        }
                    },
                    error: function(xhr, status, error) {
                        Swal.fire({
                            icon: 'error',
                            title: 'Error AJAX',
                            text: 'Terjadi kesalahan: ' + xhr.status + ' - ' + error
                        });
                        console.log('Error:', xhr.responseText);
                    }
                ]);
                return false;
            },
            errorElement: 'span',
            errorPlacement: function(error, element) {
                error.addClass('invalid-feedback');
                element.closest('.form-group').append(error);
            },
            highlight: function(element) {
                $(element).addClass('is-invalid');
            },
            unhighlight: function(element) {
                $(element).removeClass('is-invalid');
            }
        });
    });
</script>
```



Routes

```
Route::get('/import', [LevelController::class, 'import']); // ajax form upload excel
Route::post('/import_ajax', [LevelController::class, 'import_ajax']); // ajax import excel
```

Web

level_kode	level_nama
BDS	Budi Speed

ID	Kode Level	Nama Level	Aksi
1	ADM	Administrator	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
2	MNG	Manager	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
3	STF	Staff/Kasir	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
4	CUS	Pelanggan	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
5	BDS	Budi Speed	<button>Detail</button> <button>Edit</button> <button>Hapus</button>

Kategori

Controller



```
public function import()
{
    return view('kategori.import');
}

public function import_ajax(Request $request)
{
    if ($request->ajax() || $request->wantsJson()) {
        $rules = [
            'file_kategori' => ['required', 'mimes:xlsx', 'max:1024']
        ];

        $validator = Validator::make($request->all(), $rules);
        if ($validator->fails()) {
            return response()->json([
                'status' => false,
                'message' => 'Validasi Gagal',
                'msgField' => $validator->errors()
            ]);
        }
    }

    $file = $request->file('file_kategori');

    $reader = IOFactory::createReader('Xlsx');
    $reader->setReadDataOnly(true);
    $spreadsheet = $reader->load($file->getRealPath());
    $sheet = $spreadsheet->getActiveSheet();
    $data = $sheet->toArray(null, false, true);

    $insert = [];
    if (count($data) > 1) {
        foreach ($data as $baris => $value) {
            if ($baris > 1) {
                $insert[] = [
                    'kategori_kode' => $value['A'],
                    'kategori_nama' => $value['B'],
                    'created_at' => now(),
                ];
            }
        }
    }

    if (count($insert) > 0) {
        KategoriModel::insertOrIgnore($insert);
    }

    return response()->json([
        'status' => true,
        'message' => 'Data kategori berhasil diimport'
    ]);
} else {
    return response()->json([
        'status' => false,
        'message' => 'Tidak ada data yang diimport'
    ]);
}
}

return redirect('/');
```



View

```
<button onclick="{{ url('/kategori/import') }}" class="btn btn-sm btn-info mt-1">Import Kategori</button>
<a class="btn btn-sm btn-primary mt-1" href="{{ url('kategori/create') }}">Tambah</a>
<button onclick="{{ url('/kategori/create_ajax') }}" class="btn btn-sm btn-success mt-1">Tambah Ajax</button>

<form action="{{ url('/kategori/import_ajax') }}" method="POST" id="form-import" enctype="multipart/form-data">
    @csrf
    <div id="modal-master" class="modal-dialog modal-lg" role="document">
        <div class="modal-content">
            <div class="modal-header">
                <h5 class="modal-title">Import Data Kategori</h5>
                <button type="button" class="close" data-dismiss="modal" aria-label="Close">
                    <span aria-hidden="true"></span>
                </button>
            </div>
            <div class="modal-body">
                <div class="form-group">
                    <label>Download Template</label>
                    <a href="{{ asset('template_kategori.xlsx') }}" class="btn btn-info btn-sm" download>
                        <i class="fa fa-file-excel"></i> Download
                    </a>
                </div>
                <div class="form-group">
                    <label>Pilih File</label>
                    <input type="file" name="file_kategori" id="file_kategori" class="form-control" required>
                    <small id="error-file_kategori" class="error-text form-text text-danger"></small>
                </div>
            </div>
            <div class="modal-footer">
                <button type="button" data-dismiss="modal" class="btn btn-warning">Batal</button>
                <button type="submit" class="btn btn-primary">Upload</button>
            </div>
        </div>
    </div>
</form>
```



```
<script>
    $(document).ready(function() {
        $("#form-import").validate({
            rules: {
                file_kategori: {
                    required: true,
                    extension: "xlsx"
                }
            },
            submitHandler: function(form) {
                var formData = new FormData(form);

                $.ajax([
                    url: form.action,
                    type: form.method,
                    data: formData,
                    processData: false,
                    contentType: false,
                    success: function(response) {
                        if (response.status) {
                            $('#myModal').modal('hide');
                            Swal.fire({
                                icon: 'success',
                                title: 'Berhasil',
                                text: response.message
                            });
                            tableKategori.ajax.reload();
                        } else {
                            $('.error-text').text('');
                            $.each(response.msgField, function(prefix, val) {
                                $('#error-' + prefix).text(val[0]);
                            });
                            Swal.fire({
                                icon: 'error',
                                title: 'Terjadi Kesalahan',
                                text: response.message
                            });
                        }
                    },
                    error: function(xhr, status, error) {
                        Swal.fire({
                            icon: 'error',
                            title: 'Error AJAX',
                            text: 'Terjadi kesalahan: ' + xhr.status + ' - ' + error
                        });
                        console.log('Error:', xhr.responseText);
                    }
                ]);
                return false;
            },
            errorElement: 'span',
            errorPlacement: function(error, element) {
                error.addClass('invalid-feedback');
                element.closest('.form-group').append(error);
            },
            highlight: function(element) {
                $(element).addClass('is-invalid');
            },
            unhighlight: function(element) {
                $(element).removeClass('is-invalid');
            }
        });
    });
</script>
```



Routes

```
Route::get('/import', [KategoriController::class, 'import']); // ajax form upload excel
Route::post('/import_ajax', [KategoriController::class, 'import_ajax']); // ajax import excel
```

Web

kategori_kode	kategori_nama
GNC	Gantungan Kunci
GNB	Gantungan Budi

ID ↴	Kode Kategori	Nama Kategori	↳	Aksi
1	KTG001	Elektronik		<button>Detail</button> <button>Edit</button> <button>Hapus</button>
2	KTG002	Pakaian		<button>Detail</button> <button>Edit</button> <button>Hapus</button>
3	KTG003	Makanan		<button>Detail</button> <button>Edit</button> <button>Hapus</button>
4	KTG004	Minuman		<button>Detail</button> <button>Edit</button> <button>Hapus</button>
5	KTG005	Alat Tulis		<button>Detail</button> <button>Edit</button> <button>Hapus</button>
6	CML	Cemilan		<button>Detail</button> <button>Edit</button> <button>Hapus</button>
7	MNR	Minuman Ringan		<button>Detail</button> <button>Edit</button> <button>Hapus</button>
8	GNC	Gantungan Kunci		<button>Detail</button> <button>Edit</button> <button>Hapus</button>
9	GNB	Gantungan Budi		<button>Detail</button> <button>Edit</button> <button>Hapus</button>

Supplier Controller



```
public function import()
{
    return view('supplier.import');
}

public function import_ajax(Request $request)
{
    if ($request->ajax() || $request->wantsJson()) {
        $rules = [
            'file_supplier' => ['required', 'mimes:xlsx', 'max:1024']
        ];

        $validator = Validator::make($request->all(), $rules);
        if ($validator->fails()) {
            return response()->json([
                'status' => false,
                'message' => 'Validasi Gagal',
                'msgField' => $validator->errors()
            ]);
        }

        $file = $request->file('file_supplier');

        $reader = IOFactory::createReader('Xlsx');
        $reader->setReadDataOnly(true);
        $spreadsheet = $reader->load($file->getRealPath());
        $sheet = $spreadsheet->getActiveSheet();
        $data = $sheet->toArray(null, false, true, true);

        $insert = [];
        if (count($data) > 1) {
            foreach ($data as $baris => $value) {
                if ($baris > 1) {
                    $insert[] = [
                        'supplier_kode' => $value['A'],
                        'supplier_nama' => $value['B'],
                        'created_at' => now(),
                    ];
                }
            }

            if (count($insert) > 0) {
                SupplierModel::insertOrIgnore($insert);
            }
        }

        return response()->json([
            'status' => true,
            'message' => 'Data level berhasil diimport'
        ]);
    } else {
        return response()->json([
            'status' => false,
            'message' => 'Tidak ada data yang diimport'
        ]);
    }
}

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



View

```
<button onclick="{{ modalAction('{{ url('/supplier/import') }}') }}" class="btn btn-sm btn-info mt-1">Import Supplier</button>
<a class="btn btn-sm btn-primary mt-1" href="{{ url('supplier/create') }}">Tambah</a>
<button onclick="{{ modalAction('{{ url('/supplier/create_ajax') }}') }}" class="btn btn-sm btn-success mt-1">Tambah Ajax</button>
<br>
<form action="{{ url('/supplier/import_ajax') }}" method="POST" id="form-import" enctype="multipart/form-data">
    @csrf
    <div id="modal-master" class="modal-dialog modal-lg" role="document">
        <div class="modal-content">
            <div class="modal-header">
                <h5 class="modal-title">Import Data Supplier</h5>
                <button type="button" class="close" data-dismiss="modal" aria-label="Close">
                    <span aria-hidden="true"></span>
                </button>
            </div>
            <div class="modal-body">
                <div class="form-group">
                    <label>Download Template</label>
                    <a href="{{ asset('template_supplier.xlsx') }}" class="btn btn-info btn-sm" download>
                        <i class="fa fa-file-excel"></i> Download
                    </a>
                </div>
                <div class="form-group">
                    <label>Pilih File</label>
                    <input type="file" name="file_supplier" id="file_supplier" class="form-control" required>
                    <small id="error-file_supplier" class="error-text form-text text-danger"></small>
                </div>
            </div>
            <div class="modal-footer">
                <button type="button" data-dismiss="modal" class="btn btn-warning">Batal</button>
                <button type="submit" class="btn btn-primary">Upload</button>
            </div>
        </div>
    </div>
</form>
```



```
<script>
$(document).ready(function() {
  $("#form-import").validate({
    rules: {
      file_supplier: {
        required: true,
        extension: "xlsx"
      }
    },
    submitHandler: function(form) {
      var formData = new FormData(form);

      $.ajax({
        url: form.action,
        type: form.method,
        data: formData,
        processData: false,
        contentType: false,
        success: function(response) {
          if (response.status) {
            $('#myModal').modal('hide');
            Swal.fire({
              icon: 'success',
              title: 'Berhasil',
              text: response.message
            });
            tableSupplier.ajax.reload();
          } else {
            $('.error-text').text('');
            $.each(response.msgField, function(prefix, val) {
              $('#error-' + prefix).text(val[0]);
            });
            Swal.fire([
              {
                icon: 'error',
                title: 'Terjadi Kesalahan',
                text: response.message
              }
            ]);
          }
        },
        error: function(xhr, status, error) {
          Swal.fire({
            icon: 'error',
            title: 'Error AJAX',
            text: 'Terjadi kesalahan: ' + xhr.status + ' - ' + error
          });
          console.log('Error:', xhr.responseText);
        }
      });
      return false;
    },
    errorElement: 'span',
    errorPlacement: function(error, element) {
      error.addClass('invalid-feedback');
      element.closest('.form-group').append(error);
    },
    highlight: function(element) {
      $(element).addClass('is-invalid');
    },
    unhighlight: function(element) {
      $(element).removeClass('is-invalid');
    }
  });
});
</script>
```

Routes

```
Route::get('/import',[SupplierController::class,'import']); // ajax form upload excel
Route::post('/import_ajax',[SupplierController::class,'import_ajax']); // ajax form import excel
```

Web



supplier_kode	supplier_nama
SPKC	Supplier Kecepatan

ID ↕	SupplierKode	SupplierNama	Aksi
1	SPKC	Supplier Kecepatan	Detail Edit Hapus

2. Amati dan jelaskan tiap tahapan yang kalian kerjakan, dan jabarkan dalam laporan
3. Submit kode untuk implementasi praktikum 1 pada repository github kalian.

B. Export Excel di Laravel

Fitur export ke Excel pada Laravel merupakan alat yang sangat berguna dalam aplikasi web yang membutuhkan pengolahan dan penyajian data secara profesional. Fitur ini memungkinkan pengguna untuk mengekspor data dari database atau hasil pemrosesan lainnya ke dalam format file Excel (.xlsx atau .xls) yang bisa diunduh dan digunakan untuk berbagai tujuan, seperti pelaporan, analisis data, atau penyimpanan arsip.

Fitur export ke Excel di Laravel memungkinkan kita untuk menyediakan data dalam format yang lebih fleksibel dan mudah digunakan oleh pengguna akhir.

Praktikum 2 – Export Data ke Excel

Kita akan menerapkan export data dari database ke file excel pada project Laravel dengan menggunakan library yang sama dengan praktikum 1. Langkah-langkah yang kita kerjakan sebagai berikut:

1. Kita modifikasi `barang/index.blade.php` dengan mengganti kode berikut

```
<a href="{{ url('/barang/create') }}" class="btn btn-primary">Tambah Data</a>
```

Kita ubah dengan

```
<a href="{{ url('/barang/export_excel') }}" class="btn btn-primary"><i class="fa fa-file-excel"></i> Export Barang</a>
```



Hal ini kita lakukan karena tombol **Tambah Data** sudah tidak kita gunakan karena kita sudah menggunakan tombol **Tambah Data (Ajax)**.

```
<button onclick="modalAction('{{ url('/barang/import') }}')" class="btn btn-sm btn-info mt-1">Import Barang</button>
<a href="{{ url('/barang/export_excel') }}" class="btn btn-sm btn-primary mt-1"><i class="fa fa-file-excel"></i> Export Barang</a>
<button onclick="modalAction('{{ url('/barang/create_ajax') }}')" class="btn btn-sm btn-success mt-1">Tambah Data(Ajax)</button>
```

2. Kemudian kita tambahkan route pada route/web.php untuk bisa memproses export excel

```
Route::get('/barang/import',[BarangController::class,'import']); // ajax form upload excel
Route::post('/barang/import_ajax',[BarangController::class,'import_ajax']); // ajax import excel
Route::get('/barang/export_excel',[BarangController::class,'export_excel']); // export excel
```

```
Route::get('/barang/import', [BarangController::class, 'import']); // ajax form upload excel
Route::post('/barang/import_ajax', [BarangController::class, 'import_ajax']); // ajax import excel
Route::get('/barang/export_excel', [BarangController::class, 'export_excel']); // export excel
```

3. Selanjutnya kita tambahkan fungsi **export_excel()** pada file **BarangController.php**
4. Kita ambil data barang yang akan kita export ke excel (tentu dengan menyertakan relasi kategori barang)

```
232     public function export_excel()
233     {
234         // ambil data barang yang akan di export
235         $barang = BarangModel::select('kategori_id','barang_kode','barang_nama','harga_beli','harga_jual')
236             ->orderBy('kategori_id')
237             ->with('kategori')
238             ->get();
```

5. Kemudian kita load library Spreadsheet dan kita tentukan header data pada baris pertama di excel

```
240     // load library excel
241     $spreadsheet = new \PhpOffice\PhpSpreadsheet\Spreadsheet();
242     $sheet = $spreadsheet->getActiveSheet(); // ambil sheet yang aktif
243
244     $sheet->setCellValue('A1', 'No');
245     $sheet->setCellValue('B1', 'Kode Barang');
246     $sheet->setCellValue('C1', 'Nama Barang');
247     $sheet->setCellValue('D1', 'Harga Beli');
248     $sheet->setCellValue('E1', 'Harga Jual');
249     $sheet->setCellValue('F1', 'Kategori');
250
251     $sheet->getStyle('A1:F1')->getFont()->setBold(true); // bold header
```

6. Selanjutnya, kita looping data yang telah kita dapatkan dari database, kemudian kita masukkan ke dalam cell excel

```
253     $no = 1; // nomor data dimulai dari 1
254     $baris = 2; // baris data dimulai dari baris ke 2
255     foreach ($barang as $key => $value) {
256         $sheet->setCellValue('A' . $baris, $no);
257         $sheet->setCellValue('B' . $baris, $value->barang_kode);
258         $sheet->setCellValue('C' . $baris, $value->barang_nama);
259         $sheet->setCellValue('D' . $baris, $value->harga_beli);
260         $sheet->setCellValue('E' . $baris, $value->harga_jual);
261         $sheet->setCellValue('F' . $baris, $value->kategori->kategori_nama); // ambil nama kategori
262         $baris++;
263     }
264 }
```



-
7. Kita set lebar tiap kolom di excel untuk menyesuaikan dengan panjang karakter pada masing-masing kolom

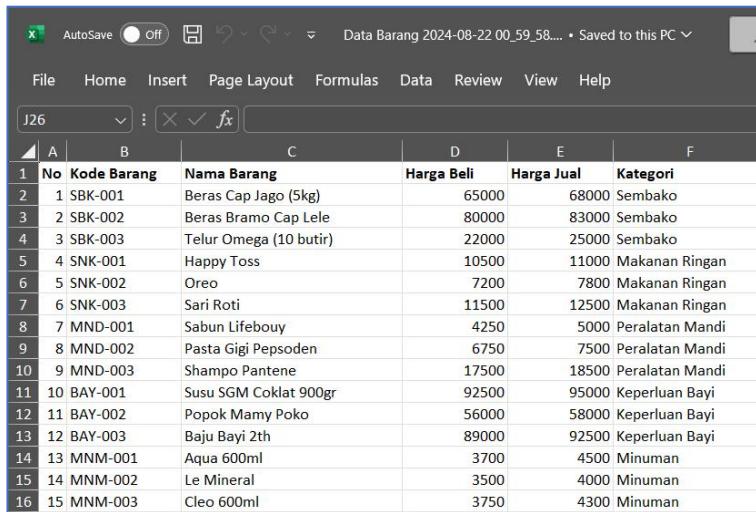
```
266 | foreach(range('A','F') as $columnID) {  
267 |     $sheet->getColumnDimension($columnID)->setAutoSize(true); // set auto size untuk kolom  
268 }
```



8. Bagian akhir proses export excel adalah kita set nama sheet, dan proses untuk dapat di download oleh pengguna

```
270     $sheet->setTitle('Data Barang'); // set title sheet
271
272     $writer = IOFactory::createWriter($spreadsheet, 'Xlsx');
273     $filename = 'Data Barang '.date('Y-m-d H:i:s').'.xlsx';
274
275     header('Content-Type: application/vnd.openxmlformats-officedocument.spreadsheetml.sheet');
276     header('Content-Disposition: attachment;filename="'.$filename.'"');
277     header('Cache-Control: max-age=0');
278     header('Cache-Control: max-age=1');
279     header('Expires: Mon, 26 Jul 1997 05:00:00 GMT');
280     header('Last-Modified: ' . gmdate('D, d M Y H:i:s') . ' GMT');
281     header('Cache-Control: cache, must-revalidate');
282     header('Pragma: public');
283
284     $writer->save('php://output');
285     exit;
286 } // end function export_excel
```

9. Jika sudah selesai diimplementasikan, kita coba untuk melakukan Download file Export tersebut.



No	Kode Barang	Nama Barang	Harga Beli	Harga Jual	Kategori
1	SBK-001	Beras Cap Jago (5kg)	65000	68000	Sembako
2	SBK-002	Beras Bramo Cap Lele	80000	83000	Sembako
3	SBK-003	Telur Omega (10 butir)	22000	25000	Sembako
4	SNK-001	Happy Toss	10500	11000	Makanan Ringan
5	SNK-002	Oreo	7200	7800	Makanan Ringan
6	SNK-003	Sari Roti	11500	12500	Makanan Ringan
7	MND-001	Sabun Lifebouy	4250	5000	Peralatan Mandi
8	MND-002	Pasta Gigi Pepsoden	6750	7500	Peralatan Mandi
9	MND-003	Shampo Pantene	17500	18500	Peralatan Mandi
10	10 BAY-001	Susu SGM Coklat 900gr	92500	95000	Keperluan Bayi
11	11 BAY-002	Popok Mamy Poko	56000	58000	Keperluan Bayi
12	12 BAY-003	Baju Bayi 2th	89000	92500	Keperluan Bayi
13	13 MNM-001	Aqua 600ml	3700	4500	Minuman
14	14 MNM-002	Le Mineral	3500	4000	Minuman
15	15 MNM-003	Cleo 600ml	3750	4300	Minuman





No	Kode Barang	Nama Barang	Harga Beli	Harga Jual	Kategori
1	BRG001	TV	3000000	3500000	Elektronik
2	BRG002	Kulkas	4000000	4500000	Elektronik
3	BD_01	Budispeed	2500	4500	Elektronik
4	BRG003	Baju	100000	150000	Pakaian
5	BRG004	Celana	120000	170000	Pakaian
6	BRG005	Mie Instan	3000	5000	Makanan
7	BRG006	Snack	5000	8000	Makanan
8	BRG007	Air Mineral	3000	5000	Minuman
9	BRG008	Susu	10000	13000	Minuman
10	BRG009	Buku Tulis	5000	8000	Alat Tulis
11	BRG010	Pulpen	2000	5000	Alat Tulis

Tugas 2 – Implementasi File Export Excel:

1. Silahkan implementasikan praktikum 2 pada project kalian masing-masing untuk semua menu

User

Controller



```
public function export_excel()
{
    $user = UserModel::select('level_id', 'username', 'nama', 'password')
        ->orderBy('level_id')
        ->with('level')
        ->get();

    $spreadsheet = new \PhpOffice\PhpSpreadsheet\Spreadsheet();
    $sheet = $spreadsheet->getActiveSheet();

    $sheet->setCellValue('A1', 'No');
    $sheet->setCellValue('B1', 'Username');
    $sheet->setCellValue('C1', 'Nama');
    $sheet->setCellValue('D1', 'Password');
    $sheet->setCellValue('E1', 'Level Pengguna');

    $sheet->getStyle('A1:E1')->getFont()->setBold(true);

    $no = 1;
    $baris = 2;
    foreach ($user as $key => $value) {
        $sheet->setCellValue('A' . $baris, $no);
        $sheet->setCellValue('B' . $baris, $value->username);
        $sheet->setCellValue('C' . $baris, $value->nama);
        $sheet->setCellValue('D' . $baris, $value->password);
        $sheet->setCellValue('E' . $baris, $value->level->level_nama);
        $baris++;
        $no++;
    }

    foreach (range('A', 'E') as $columnID) {
        $sheet->getColumnDimension($columnID)->setAutoSize(true);
    }

    $sheet->setTitle('Data User');

    $writer = IOFactory::createWriter($spreadsheet, 'Xlsx');
    $filename = 'Data User '.date('Y-m-d H:i:s').'.xlsx';

    header('Content-Type: application/vnd.openxmlformats-officedocument.spreadsheetml.sheet');
    header('Content-Disposition: attachment;filename="'. $filename .'"');
    header('Cache-Control: max-age=0');
    header('Cache-Control: max-age=1');
    header('Expires: Mon, 26 Jul 1997 05:00:00 GMT');
    header('Last-Modified: ' . gmdate('D, d M Y H:i:s') . ' GMT');
    header('Cache-Control: cache, must-revalidate');
    header('Pragma: public');

    $writer->save('php://output');
    exit;
}
```

View

```
<button onclick="modalAction('{{ url('/user/import') }}')" class="btn btn-sm btn-info mt-1">Import User</button>
<a href="{{ url('/user/export_excel') }}" class="btn btn-sm btn-primary mt-1"><i class="fa fa-file-excel"></i> Export User</a>
<button onclick="modalAction('{{ url('/user/create_ajax') }}')" class="btn btn-sm btn-success mt-1">Tambah Ajax</button>
```



Web

No	Username	Nama	Password	Level Pengguna
1	admin	Administrator	\$2y\$10\$fffbRRNkHQhYgcswpI26Ku8ZG/iYVvwRF.M1eeG2fXpYWQkuy2b3a	Administrator
2	khuzaima170105	Khuzaima Filla Januartha	\$2y\$10\$SRHetzKmbalLitj5mlH3LUZetlNRZyYA9tfjDQ/HMrrkprXnBeeFMa	Administrator
3	khzmftes2	khuzaimaLanangtes	\$2y\$10\$vCuUqCwLQt25zu74R1W9leusbk06cazDpEqw1X0kER2TveKGQjc7e	Administrator
4	regist1	Coba Register 1	\$2y\$10\$RsuzsvYpPx1TK8iYZNb/uql40LvWbM38swkJwBBBYjs6kHk.Eq	Administrator
5	cobaregist	Coba regist user	\$2y\$10\$yUaCET5HctsvcybWpSiQM.U.qqjClkM317ql0R6Q.avYO64crmz1i	Administrator
6	adminbudi	budispeed	\$2y\$10\$q8HVzim08uQ.y/gVcowAeBCWtGKU1e8eCtkkAphHsc/OQmgEmrdm	Administrator
7	manager	Manager	\$2y\$10\$GHGLmo4CVD.2YBWdr25jRevhtZRebBGME/SPemmc6qZY8aWFO8Egm	Manager
8	manager_dua	Manager 2	\$2y\$10\$glMy2uQNcLH82H.Yy171S.a/eb0frXldDEwZlOQpg3BDYH9hrm9AK	Manager
9	manager_tiga	Manager 3	\$2y\$10\$R3OTw.m34rfa8mTFUgCtBuPfd0z9ClyZbl2091gvEzw4xOf4XekBu	Manager
10	manager22	Manager Dua Dua	\$2y\$10\$bvAbVSuoPjAiYy4qLYzyp.A5yjtUQINX7cOerTuclAs7YU6N3UsKK	Manager
11	manager33	Manager Tiga Tiga	\$2y\$10\$Bdk6a1dy89.viNcLsMnHRuew6U0B82cIF7y29aycvH4yBtT7JdW	Manager
12	manager56	Manager55	\$2y\$10\$kiC3f0StosjJuOC.tJvwzIOu.flSiOT/WrmGca2O.w110fHwGExpdHm	Manager
13	manager12	Manager11	\$2y\$10\$WOu8pkyxBTzt19xTwYl5Oud9PYtDrhUrVqc4xdcZgGoK5OElnyOO	Manager
14	staff	Staff/Kasir	\$2y\$10\$\$ZirePP4Ehq2pqj2Fy/vueRvmjstrIN6s2OdLX0WqgakethBjH5e	Staff/Kasir
15	customer-1	Pelanggan Pertama	\$2y\$10\$pW9B2d/58xJuODZ9UOGEkewVggMTBy/e.xlM84Vv7tp8cLjIiVAY	Pelanggan

Level

Controller



```
public function export_excel()
{
    $level = LevelModel::select('level_kode', 'level_nama')
        ->orderBy('level_kode')
        ->get();

    $spreadsheet = new \PhpOffice\PhpSpreadsheet\Spreadsheet();
    $sheet = $spreadsheet->getActiveSheet();

    $sheet->setCellValue('A1', 'No');
    $sheet->setCellValue('B1', 'Kode Level');
    $sheet->setCellValue('C1', 'Nama Level');

    $sheet->getStyle('A1:C1')->getFont()->setBold(true);

    $no = 1;
    $baris = 2;
    foreach ($level as $key => $value) {
        $sheet->setCellValue('A' . $baris, $no);
        $sheet->setCellValue('B' . $baris, $value->level_kode);
        $sheet->setCellValue('C' . $baris, $value->level_nama);
        $baris++;
        $no++;
    }

    foreach (range('A', 'C') as $columnID) {
        $sheet->getColumnDimension($columnID)->setAutoSize(true);
    }

    $sheet->setTitle('Data Level');

    $writer = IOFactory::createWriter($spreadsheet, 'Xlsx');
    $filename = 'Data Level '.date('Y-m-d H:i:s').'.xlsx';

    header('Content-Type: application/vnd.openxmlformats-officedocument.spreadsheetml.sheet');
    header('Content-Disposition: attachment;filename="'. $filename .'"]');
    header('Cache-Control: max-age=0');
    header('Cache-Control: max-age=1');
    header('Expires: Mon, 26 Jul 1997 05:00:00 GMT');
    header('Last-Modified: ' . gmdate('D, d M Y H:i:s') . ' GMT');
    header('Cache-Control: cache, must-revalidate');
    header('Pragma: public');

    $writer->save('php://output');
    exit;
}
```

View

```
<button onclick="modalAction('{{ url('/level/import') }}'" class="btn btn-sm btn-info mt-1">Import Level</button>
<a href="{{ url('/level/export_excel') }}" class="btn btn-sm btn-primary mt-1"><i></i>Export Level</a>
<button onclick="modalAction('{{ url('/level/create_ajax') }}'" class="btn btn-sm btn-success mt-1">Tambah Ajax</button>
```



Web

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Data Level 2025-04-05 11_17_38.xlsx

6.3 KB • 3 minutes ago



No	Kode Level	Nama Level
1	ADM	Administrator
2	BDS	Budi Speed
3	CUS	Pelanggan
4	MNG	Manager
5	STF	Staff/Kasir

Kategori

Controller



```
public function export_excel()
{
    $kategori = KategoriModel::select('kategori_kode', 'kategori_nama')
        ->orderBy('kategori_kode')
        ->get();

    $spreadsheet = new \PhpOffice\PhpSpreadsheet\Spreadsheet();
    $sheet = $spreadsheet->getActiveSheet();

    $sheet->setCellValue('A1', 'No');
    $sheet->setCellValue('B1', 'Kode Kategori');
    $sheet->setCellValue('C1', 'Nama Kategori');

    $sheet->getStyle('A1:C1')->getFont()->setBold(true);

    $no = 1;
    $baris = 2;
    foreach ($kategori as $key => $value) {
        $sheet->setCellValue('A' . $baris, $no);
        $sheet->setCellValue('B' . $baris, $value->kategori_kode);
        $sheet->setCellValue('C' . $baris, $value->kategori_nama);
        $baris++;
        $no++;
    }

    foreach (range('A', 'C') as $columnID) {
        $sheet->getColumnDimension($columnID)->setAutoSize(true);
    }

    $sheet->setTitle('Data Kategori');

    $writer = IOFactory::createWriter($spreadsheet, 'Xlsx');
    $filename = 'Data Kategori '.date('Y-m-d H:i:s').'.xlsx';

    header('Content-Type: application/vnd.openxmlformats-officedocument.spreadsheetml.sheet');
    header('Content-Disposition: attachment;filename="'. $filename .'"]');
    header('Cache-Control: max-age=0');
    header('Cache-Control: max-age=1');
    header('Expires: Mon, 26 Jul 1997 05:00:00 GMT');
    header('Last-Modified: ' . gmdate('D, d M Y H:i:s') . ' GMT');
    header('Cache-Control: cache, must-revalidate');
    header('Pragma: public');

    $writer->save('php://output');
    exit;
}
```

View

```
<button onclick="modalAction('{{ url('/kategori/import') }}')" class="btn btn-sm btn-info mt-1">Import Kategori</button>
<a href="{{ url('/kategori/export_excel') }}" class="btn btn-sm btn-primary mt-1"><i></i>Export Kategori</a>
<button onclick="modalAction('{{ url('/kategori/create_ajax') }}')" class="btn btn-sm btn-success mt-1">Tambah Ajax</button>
```



Web

★ 

Recent download history 

 Data Kategori 2025-04-05
11 28 36.xlsx
6.4 KB • 1 minute ago

No	Kode Kategori	Nama Kategori
1	CML	Cemilan
2	GNB	Gantungan Budi
3	GNC	Gantungan Kunci
4	KTG001	Elektronik
5	KTG002	Pakaian
6	KTG003	Makanan
7	KTG004	Minuman
8	KTG005	Alat Tulis
9	MNR	Minuman Ringan

Supplier

Controller



```
public function export_excel()
{
    $supplier = SupplierModel::select('supplier_kode', 'supplier_nama')
        ->orderBy('supplier_kode')
        ->get();

    $spreadsheet = new \PhpOffice\PhpSpreadsheet\Spreadsheet();
    $sheet = $spreadsheet->getActiveSheet();

    $sheet->setCellValue('A1', 'No');
    $sheet->setCellValue('B1', 'Kode supplier');
    $sheet->setCellValue('C1', 'Nama supplier');

    $sheet->getStyle('A1:C1')->getFont()->setBold(true);

    $no = 1;
    $baris = 2;
    foreach ($supplier as $key => $value) {
        $sheet->setCellValue('A' . $baris, $no);
        $sheet->setCellValue('B' . $baris, $value->supplier_kode);
        $sheet->setCellValue('C' . $baris, $value->supplier_nama);
        $baris++;
        $no++;
    }

    foreach (range('A', 'C') as $columnID) {
        $sheet->getColumnDimension($columnID)->setAutoSize(true);
    }

    $sheet->setTitle('Data supplier');

    $writer = IOFactory::createWriter($spreadsheet, 'Xlsx');
    $filename = 'Data supplier '.date('Y-m-d H:i:s').'.xlsx';

    header('Content-Type: application/vnd.openxmlformats-officedocument.spreadsheetml.sheet');
    header('Content-Disposition: attachment;filename="'. $filename .'"]');
    header('Cache-Control: max-age=0');
    header('Cache-Control: max-age=1');
    header('Expires: Mon, 26 Jul 1997 05:00:00 GMT');
    header('Last-Modified: ' . gmdate('D, d M Y H:i:s') . ' GMT');
    header('Cache-Control: cache, must-revalidate');
    header('Pragma: public');

    $writer->save('php://output');
    exit;
}
```

View

```
<button onclick="modalAction('{{ url('/supplier/import') }}')>Import Supplier</button>
<a href="{{ url('/supplier/export_excel') }}" class="btn btn-sm btn-primary mt-1"><i></i>Export Supplier</a>
<button onclick="modalAction('{{ url('/supplier/create_ajax') }}')>Tambah Ajax</button>
```



Web

Recent download history X

Data supplier 2025-04-05
11 49 48.xlsx
6.1 KB • Done

No	Nama supplier
1	SPKC
	Supplier Kecepatan

2. Amati dan jelaskan tiap tahapan yang kalian kerjakan, dan jabarkan dalam laporan
3. Submit kode untuk implementasi prakktikum 2 pada repository github kalian.



C. Export PDF di Laravel

Fitur **export ke PDF** pada Laravel sangat berguna dalam situasi di mana Kita perlu menghasilkan dokumen yang terstruktur, terformat dengan baik, dan mudah dibagikan. Dokumen PDF (Portable Document Format) adalah salah satu format yang paling sering digunakan untuk laporan, faktur, tiket, dan berbagai dokumen resmi lainnya karena stabilitasnya dan kemampuan untuk mempertahankan tata letak yang konsisten di berbagai perangkat.

Untuk mengimplementasikan export ke PDF di Laravel, salah satu paket yang paling populer adalah **dompdf**. Dengan menggunakan paket **dompdf**, Kita dapat dengan mudah mengubah tampilan HTML menjadi PDF yang dapat disesuaikan sesuai kebutuhan. Fitur ini sangat bermanfaat dalam berbagai konteks, seperti pembuatan faktur, laporan, sertifikat, dan dokumen-dokumen penting lainnya.

Praktikum 3 – Implementasi Export PDF di Laravel dengan **dompdf**

Kita akan menerapkan export data ke file pdf pada project Laravel dengan menggunakan library **dompdf**. Langkah-langkah yang kita kerjakan sebagai berikut:

1. Kita lakukan proses instalasi library **dompdf** terlebih dahulu dengan mengetikkan perintah pada terminal/CMD

```
composer require barryvdh/laravel-dompdf
```

```
yajra/laravel-datatables-editor ..... DONE
yajra/laravel-datatables-fractal ..... DONE
yajra/laravel-datatables-html ..... DONE
yajra/laravel-datatables-oracle ..... DONE

89 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 affecting 1 package.
Run "composer audit" for a full list of advisories.
Using version ^3.1 for barryvdh/laravel-dompdf
```

2. Setelah proses instalasi **dompdf** berhasil, selanjutnya Kita tambahkan kode berikut untuk menambahkan tombol export ke pdf pada **barang/index.blade.php**

```
<a href="{{ url('/barang/export_pdf') }}" class="btn btn-warning"><i class="fa fa-file-pdf"></i> Export Barang</a>

<button onclick="modalAction('{{ url('/barang/import') }}')" class="btn btn-sm btn-info mt-1">Import Barang</button>
<a href="{{ url('/barang/export_excel') }}" class="btn btn-sm btn-primary mt-1"><i class="fa fa-file-excel"></i> Export Barang</a>
<a href="{{ url('/barang/export_pdf') }}" class="btn btn-sm btn-danger mt-1"><i class="fa fa-file-pdf"></i> Export PDF</a>
<button onclick="modalAction('{{ url('/barang/create_ajax') }}')" class="btn btn-sm btn-success mt-1">Tambah Data(Ajax)</button>
```

3. Setelah itu tinggal kita perbaiki route/web.php untuk proses export pdf

```
Route::get('/barang/import',[BarangController::class,'import']); // ajax form upload excel
Route::post('/barang/import_ajax',[BarangController::class,'import_ajax']); // ajax import excel
Route::get('/barang/export_excel',[BarangController::class,'export_excel']); // export excel
Route::get('/barang/export_pdf',[BarangController::class,'export_pdf']); // export pdf
```



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<http://www.polinema.ac.id>

```
Route::get('/import', [BarangController::class, 'import']);           // ajax form upload excel
Route::post('/import_ajax', [BarangController::class, 'import_ajax']); // ajax import excel
Route::get('/export_excel', [BarangController::class, 'export_excel']); // export excel
Route::get('/export_pdf', [BarangController::class, 'export_pdf']);    //export pdf
```

4. Selanjutnya, kita buat fungsi `export_pdf()` pada `BarangController.php`



```
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();

    // use Barryvdh\DomPDF\Facade\Pdf;
    $pdf = Pdf::loadView('barang.export_pdf', ['barang' => $barang]);
    $pdf->setPaper('a4', 'portrait'); // set ukuran kertas dan orientasi
    $pdf->setOption("isRemoteEnabled", true); // set true jika ada gambar dari url
    $pdf->render();

    return $pdf->stream('Data Barang '.date('Y-m-d H:i:s').'.pdf');
}

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();

    // use Barryvdh\DomPDF\Facade\Pdf;
    $pdf = Pdf::loadView('barang.export_pdf', ['barang' => $barang]);
    $pdf->setPaper('a4', 'portrait'); // set ukuran kertas dan orientasi
    $pdf->setOption("isRemoteEnabled", true); // set true jika ada gambar dari url
    $pdf->render();

    return $pdf->stream('Data Barang '.date('Y-m-d H:i:s').'.pdf');
}
```

5. Selanjutnya, kita buat view untuk dijadikan pdf dari layout html. File bisa kita buat dengan nama [barang/export_pdf.blade.php](#)

INFO

Perlu diingat, pada export_pdf, kita gunakan style CSS secara manual, dan tidak menggunakan framework CSS seperti bootstrap. Karena library dompdf tidak support semua fitur styling yang ada di framework CSS.

6. Selanjutnya kita buat view untuk me-generate html untuk tampilan pdf yang akan kita sajikan. View berada di [barang/export_pdf.blade.php](#)



```
<html>
<head>
    <meta http-equiv="Content-Type" content="text/html; charset=utf-8"/>
    <style>
        body{
            font-family: "Times New Roman", Times, serif;
            margin: 6px 20px 5px 20px;
            line-height: 15px;
        }
        table {
            width:100%;
            border-collapse: collapse;
        }
        td, th {
            padding: 4px 3px;
        }
        th{
            text-align: left;
        }
        .d-block{
            display: block;
        }
        img.image{
            width: auto;
            height: 80px;
            max-width: 150px;
            max-height: 150px;
        }
        .text-right {
            text-align: right;
        }
    </style>
</head>
<body>
    <table border="1">
        <tr>
            <td>
                <img alt="Logo of Politeknik Negeri Malang" class="image" />
            </td>
            <td>
                <p>POLITEKNIK NEGERI MALANG</p>
                <p>Jl. Soekarno Hatta No. 9, Jatimulyo, Lowokwaru, Malang 65141</p>
                <p>Telp. (0341) 404424 – 404425, Fax (0341) 404420</p>
                <p>http://www.polinema.ac.id</p>
            </td>
        </tr>
    </table>
</body>
</html>
```



```
.text-center {
    text-align: center;
}
.p-1{
    padding: 5px 1px 5px 1px;
}
.font-10{
    font-size: 10pt;
}
.font-11{
    font-size: 11pt;
}
.font-12{
    font-size: 12pt;
}
.font-13{
    font-size: 13pt;
}
.border-bottom-
    header{ border-bottom:
        1px solid;
}
.border-all, .border-all th, .border-all
    td{ border: 1px solid;
}

```

```
</style>
</head>
<body>
    <table class="border-bottom-header">
        <tr>
            <td width="15%" class="text-center">
                <span class="text-center d-block font-11 font-bold mb-1">KEMENTERIAN
PENDIDIKAN, KEBUDAYAAN, RISET, DAN TEKNOLOGI</span>
                <span class="text-center d-block font-13 font-bold mb-1">POLITEKNIK NEGERI
MALANG</span>
                <span class="text-center d-block font-10">Jl. Soekarno-Hatta No. 9 Malang
65141</span>
                <span class="text-center d-block font-10">Telepon (0341) 404424 Pes. 101-
105, 0341-404420, Fax. (0341) 404420</span>
                <span class="text-center d-block font-10">Laman: www.polinema.ac.id</span>
            </td>
        </tr>
    </table>

    <h3 class="text-center">LAPORAN DATA BARANG</h3>
    <table class="border-all">
        <thead>
            <tr>
                <th class="text-center">No</th>
                <th>Kode Barang</th>
                <th>Nama Barang</th>
                <th class="text-right">Harga Beli</th>
                <th class="text-right">Harga Jual</th>
                <th>Kategori</th>
            </tr>
        </thead>
        <tbody>
            @foreach($barang as $b)
            <tr>
                <td class="text-center">{{ $loop->iteration }}</td>
                <td>{{ $b->barang_kode }}</td>
                <td>{{ $b->barang_nama }}</td>
                <td class="text-right">{{ number_format($b->harga_beli, 0, ',', '.') }}</td>
                <td class="text-right">{{ number_format($b->harga_jual, 0, ',', '.') }}</td>
                <td>{{ $b->kategori->kategori_nama }}</td>
            
```



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```
@endforeach
</tbody>
</table>
</body>
</html>
```



```
<!DOCTYPE html>
<html lang="id">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Laporan Data Barang</title>
    <style>
        body {
            font-family: "Times New Roman", Times, serif;
            margin: 6px 20px 5px 20px;
            line-height: 15px;
        }
        table {
            width: 100%;
            border-collapse: collapse;
        }
        td, th {
            padding: 4px 3px;
        }
        th {
            text-align: left;
        }
        .d-block {
            display: block;
        }
        img.image {
            width: auto;
            height: 80px;
            max-width: 150px;
            max-height: 150px;
        }
        .text-right {
            text-align: right;
        }
        .text-center {
            text-align: center;
        }
        .p-1 {
            padding: 5px 1px;
        }
        .font-10 { font-size: 10pt; }
        .font-11 { font-size: 11pt; }
        .font-12 { font-size: 12pt; }
        .font-13 { font-size: 13pt; }
        .border-bottom-header {
            border-bottom: 1px solid;
        }
        .border-all, .border-all th, .border-all td {
            border: 1px solid;
        }
    </style>
</head>
```



```
<body>
    <table class="border-bottom-header">
        <tr>
            <td width="15%" class="text-center">
                
            </td>
            <td width="85%">
                <span class="text-center d-block font-11 font-bold mb-1">
                    KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET, DAN TEKNOLOGI
                </span>
                <span class="text-center d-block font-13 font-bold mb-1">
                    POLITEKNIK NEGERI MALANG
                </span>
                <span class="text-center d-block font-10">
                    Jl. Soekarno-Hatta No. 9 Malang 65141
                </span>
                <span class="text-center d-block font-10">
                    Telepon (0341) 404424 Pes. 101-105, 0341-404420, Fax. (0341) 404420
                </span>
                <span class="text-center d-block font-10">
                    Laman: www.polinema.ac.id
                </span>
            </td>
        </tr>
    </table>

    <h3 class="text-center">LAPORAN DATA BARANG</h3>

    <table class="border-all">
        <thead>
            <tr>
                <th class="text-center">No</th>
                <th>Kode Barang</th>
                <th>Nama Barang</th>
                <th class="text-right">Harga Beli</th>
                <th class="text-right">Harga Jual</th>
                <th>Kategori</th>
            </tr>
        </thead>
        <tbody>
            @foreach($barang as $b)
                <tr>
                    <td class="text-center">{{ $loop->iteration }}</td>
                    <td>{{ $b->barang_kode }}</td>
                    <td>{{ $b->barang_nama }}</td>
                    <td class="text-right">{{ number_format($b->harga_beli, 0, ',', '.') }}</td>
                    <td class="text-right">{{ number_format($b->harga_jual, 0, ',', '.') }}</td>
                    <td>{{ $b->kategori->kategori_nama }}</td>
                </tr>
            @endforeach
        </tbody>
    </table>
</body>
</html>
```

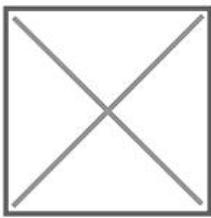
7. Selanjutnya, Kita coba untuk melakukan proses download export pdf. Amati dan pelajari...!!!



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A screenshot of a computer desktop. In the foreground, a 'Save As' dialog box is open, showing a list of files in the 'Downloads' folder. One file is selected: 'Data Barang 2025-04-08 10.54.12'. The 'Save as type' dropdown shows 'WPS PDF Document'. Below the dialog is a table titled 'Data Barang' with columns 'Jual' and 'Kategori'. The table contains 11 rows of data. In the background, a PDF viewer window is open, displaying the same table. A notification bar at the bottom right shows a download for 'PWL - Jobsheet 07 ... Authorization.pdf'.

	Jual	Kategori			
0	BRG005	Mie Instan	5.000	5.000	Makanan
7	BRG006	Snack	5.000	8.000	Makanan
8	BRG007	Air Mineral	3.000	5.000	Minuman
9	BRG008	Susu	10.000	13.000	Minuman
10	BRG009	Buku Tulis	5.000	8.000	Alat Tulis
11	BRG010	Pulpen	2.000	5.000	Alat Tulis



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LAPORAN DATA BARANG

No	Kode Barang	Nama Barang	Harga Beli	Harga Jual	Kategori
1	BD_01	Budispeed	2.500	4.500	Elektronik
2	BRG001	TV	3.000.000	3.500.000	Elektronik
3	BRG002	Kulkas	4.000.000	4.500.000	Elektronik
4	BRG003	Baju	100.000	150.000	Pakaian
5	BRG004	Celana	120.000	170.000	Pakaian
6	BRG005	Mie Instan	3.000	5.000	Makanan
7	BRG006	Snack	5.000	8.000	Makanan
8	BRG007	Air Mineral	3.000	5.000	Minuman
9	BRG008	Susu	10.000	13.000	Minuman
10	BRG009	Buku Tulis	5.000	8.000	Alat Tulis
11	BRG010	Pulpen	2.000	5.000	Alat Tulis



Tugas 3 – Implementasi Export PDF pada Laravel :

1. Silahkan implementasikan export pdf pada project kalian masing-masing untuk semua menu

User

Controller

```
public function export_pdf()
{
    $user = UserModel::select('level_id', 'username', 'nama', 'password')
        ->orderBy('level_id')
        ->with('level')
        ->get();

    // use Barryvdh\DomPDF\Facade\Pdf;
    $pdf = Pdf::loadView('user.export_pdf', ['user' => $user]);
    $pdf->setPaper('a4', 'portrait');
    $pdf->setOption("isRemoteEnabled", true);
    $pdf->render();

    return $pdf->stream('Data User'.date('Y-m-d H:i:s').'.pdf');
}
```

View

```
<button onclick="modalAction('{{ url('/user/import') }}')>Import User</button>
<a href="{{ url('/user/export_excel') }}" class="btn btn-sm btn-primary mt-1"><i></i>Export User</a>
<a href="{{ url('/user/export_pdf') }}" class="btn btn-sm btn-danger mt-1"><i class="fa fa-file-pdf"></i> Export PDF</a>
<button onclick="modalAction('{{ url('/user/create_ajax') }}')>Tambah Ajax</button>
```



```
<!DOCTYPE html>
<html lang="id">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Laporan Data User</title>
    <style>
        body {
            font-family: "Times New Roman", Times, serif;
            margin: 6px 20px 5px 20px;
            line-height: 15px;
        }
        table {
            width: 100%;
            border-collapse: collapse;
        }
        td, th {
            padding: 4px 3px;
        }
        th {
            text-align: left;
        }
        .d-block {
            display: block;
        }
        img.image {
            width: auto;
            height: 80px;
            max-width: 150px;
            max-height: 150px;
        }
        .text-right {
            text-align: right;
        }
        .text-center {
            text-align: center;
        }
        .p-1 {
            padding: 5px 1px;
        }
        .font-10 { font-size: 10pt; }
        .font-11 { font-size: 11pt; }
        .font-12 { font-size: 12pt; }
        .font-13 { font-size: 13pt; }
        .border-bottom-header {
            border-bottom: 1px solid;
        }
        .border-all, .border-all th, .border-all td {
            border: 1px solid;
        }
    </style>
```



```
</head>
<body>
    <table class="border-bottom-header">
        <tr>
            <td width="15%" class="text-center">
                
            </td>
            <td width="85%">
                <span class="text-center d-block font-11 font-bold mb-1">
                    KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET, DAN TEKNOLOGI
                </span>
                <span class="text-center d-block font-13 font-bold mb-1">
                    POLITEKNIK NEGERI MALANG
                </span>
                <span class="text-center d-block font-10">
                    Jl. Soekarno-Hatta No. 9 Malang 65141
                </span>
                <span class="text-center d-block font-10">
                    Telepon (0341) 404424 Pes. 101-105, 0341-404420, Fax. (0341) 404420
                </span>
                <span class="text-center d-block font-10">
                    Laman: www.polinema.ac.id
                </span>
            </td>
        </tr>
    </table>

    <h3 class="text-center">LAPORAN DATA USER</h3>

    <table class="border-all">
        <thead>
            <tr>
                <th class="text-center">No</th>
                <th>Username</th>
                <th>Nama</th>
                <th>Level Pengguna</th>
            </tr>
        </thead>
        <tbody>
            @foreach($user as $u)
            <tr>
                <td class="text-center">{{ $loop->iteration }}</td>
                <td>{{ $u->username }}</td>
                <td>{{ $u->nama }}</td>
                <td>{{ $u->level->level_nama }}</td>
            </tr>
            @endforeach
        </tbody>
    </table>
</body>
</html>
```

Routes

```
Route::get('/import', [UserController::class, 'import']); // ajax form upload excel
Route::post('/import_ajax', [UserController::class, 'import_ajax']); // ajax import excel
Route::get('/export_excel', [UserController::class, 'export_excel']); // export excel
Route::get('/export_pdf', [UserController::class, 'export_pdf']); //export pdf
```

Web



← → C 127.0.0.1:8000/user/export_pdf

Laporan Data User 1 / 1 - 100% + ⌂ ⌃ ⌁

Data User2025-04-08 11_43_02.pdf 3.7 KB • Done

Received Files Data User2025-04-08 11_43_02.pdf E DOWNLOAD Open

No	Username	Nama	Level Pengguna
1	admin	Administrator	Administrator
2	khuzaima170105	Khuzaima Filla Januartha	Administrator
3	khzmftes2	khuzaimaLanangtes	Administrator
4	regis11	Coba Register 1	Administrator
5	cobaregist	Coba regist user	Administrator
6	adminbudi	budispeed	Administrator
7	manager	Manager	Manager
8	manager_dua	Manager 2	Manager
9	manager_tiga	Manager 3	Manager
10	manager22	Manager Dua Dua	Manager
11	manager33	Manager Tiga Tiga	Manager
12	manager56	Manager55	Manager
13	manager12	Manager11	Manager
14	staff	Staff/Kasir	Staff/Kasir
15	customer-1	Pelanggan Pertama	Pelanggan

Level

Controller

```
public function export_pdf()
{
    $level = LevelModel::select('level_kode', 'level_nama')
        ->orderBy('level_kode')
        ->get();

    // use Barryvdh\DomPDF\Facade\Pdf;
    $pdf = Pdf::loadView('level.export_pdf', ['level' => $level]);
    $pdf->setPaper('a4', 'portrait');
    $pdf->setOption("isRemoteEnabled", true);
    $pdf->render();

    return $pdf->stream('Data Level '.date('Y-m-d H:i:s').'.pdf');
}
```

View

```
<button onclick="modalAction('{{ url('/level/import') }}')" class="btn btn-sm btn-info mt-1">Import Level</button>
<a href="{{ url('/level/export_excel') }}" class="btn btn-sm btn-primary mt-1"><i></i></i> Export Level</a>
<a href="{{ url('/level/export_pdf') }}" class="btn btn-sm btn-danger mt-1"><i class="fa fa-file-pdf"></i> Export PDF</a>
<button onclick="modalAction('{{ url('/level/create_ajax') }}')" class="btn btn-sm btn-success mt-1">Tambah Ajax</button>
```



```
<!DOCTYPE html>
<html lang="id">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Laporan Data Level</title>
    <style>
        body {
            font-family: "Times New Roman", Times, serif;
            margin: 6px 20px 5px 20px;
            line-height: 15px;
        }
        table {
            width: 100%;
            border-collapse: collapse;
        }
        td, th {
            padding: 4px 3px;
        }
        th {
            text-align: left;
        }
        .d-block {
            display: block;
        }
        img.image {
            width: auto;
            height: 80px;
            max-width: 150px;
            max-height: 150px;
        }
        .text-right {
            text-align: right;
        }
        .text-center {
            text-align: center;
        }
        .p-1 {
            padding: 5px 1px;
        }
        .font-10 { font-size: 10pt; }
        .font-11 { font-size: 11pt; }
        .font-12 { font-size: 12pt; }
        .font-13 { font-size: 13pt; }
        .border-bottom-header {
            border-bottom: 1px solid;
        }
        .border-all, .border-all th, .border-all td {
            border: 1px solid;
        }
    </style>
```



```
</head>
<body>
    <table class="border-bottom-header">
        <tr>
            <td width="15%" class="text-center">
                
            </td>
            <td width="85%">
                <span class="text-center d-block font-11 font-bold mb-1">
                    KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET, DAN TEKNOLOGI
                </span>
                <span class="text-center d-block font-13 font-bold mb-1">
                    POLITEKNIK NEGERI MALANG
                </span>
                <span class="text-center d-block font-10">
                    Jl. Soekarno-Hatta No. 9 Malang 65141
                </span>
                <span class="text-center d-block font-10">
                    Telepon (0341) 404424 Pes. 101-105, 0341-404420, Fax. (0341) 404420
                </span>
                <span class="text-center d-block font-10">
                    Laman: www.polinema.ac.id
                </span>
            </td>
        </tr>
    </table>

    <h3 class="text-center">LAPORAN DATA LEVEL</h3>

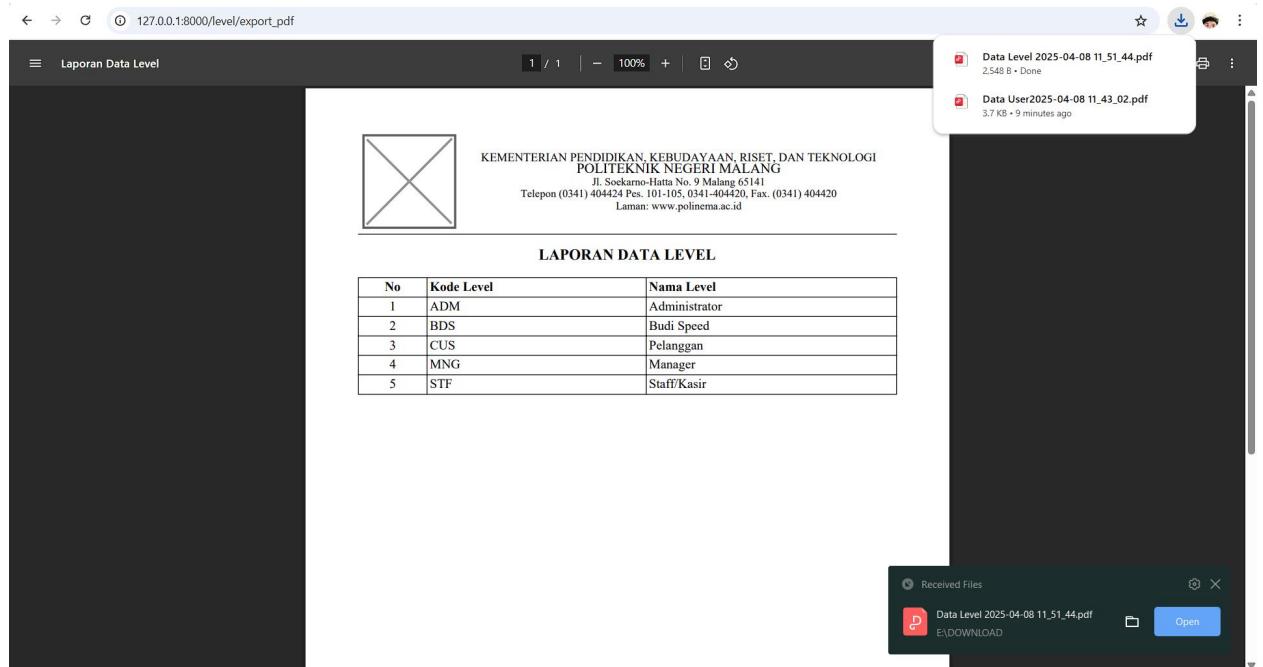
    <table class="border-all">
        <thead>
            <tr>
                <th class="text-center">No</th>
                <th>Kode Level</th>
                <th>Nama Level</th>
            </tr>
        </thead>
        <tbody>
            @foreach($level as $l)
            <tr>
                <td class="text-center">{{ $loop->iteration }}</td>
                <td>{{ $l->level_kode }}</td>
                <td>{{ $l->level_nama }}</td>
            </tr>
            @endforeach
        </tbody>
    </table>
</body>
</html>
```

Routes



```
Route::get('/import', [LevelController::class, 'import']); // ajax form upload excel
Route::post('/import_ajax', [LevelController::class, 'import_ajax']); // ajax import excel
Route::get('/export_excel', [LevelController::class, 'export_excel']); // export excel
Route::get('/export_pdf', [LevelController::class, 'export_pdf']); //export pdf
```

Web



Laporan Data Level

1 / 1 | - 100% + | ⌂ ⌃

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LAPORAN DATA LEVEL

No	Kode Level	Nama Level
1	ADM	Administrator
2	BDS	Budi Speed
3	CUS	Pelanggan
4	MNG	Manager
5	STF	Staff/Kasir

Kategori

Controller

```
public function export_pdf()
{
    $kategori = KategoriModel::select('kategori_kode', 'kategori_nama')
        ->orderBy('kategori_kode')
        ->get();

    // use Barryvdh\DomPDF\Facade\Pdf;
    $pdf = Pdf::loadView('kategori.export_pdf', ['kategori' => $kategori]);
    $pdf->setPaper('a4', 'portrait');
    $pdf->setOption("isRemoteEnabled", true);
    $pdf->render();

    return $pdf->stream('Data kategori '.date('Y-m-d H:i:s').'.pdf');
}
```

View

```
<button onclick="modalAction('{{ url('/kategori/import') }}')" class="btn btn-sm btn-info mt-1">Import Kategori</button>
<a href="{{ url('/kategori/export_excel') }}" class="btn btn-sm btn-primary mt-1"><i></i> Export Kategori</a>
<a href="{{ url('/kategori/export_pdf') }}" class="btn btn-sm btn-danger mt-1"><i class="fa fa-file-pdf"></i> Export PDF</a>
<button onclick="modalAction('{{ url('/kategori/create_ajax') }}')" class="btn btn-sm btn-success mt-1">Tambah Ajax</button>
```



```
des / views / Kategori / ▾ export_pdf.blade.php / ▾ html / ▾ body / ▾ table.border-bottom-header
<!DOCTYPE html>
<html lang="id">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Laporan Data Kategori</title>
    <style>
        body {
            font-family: "Times New Roman", Times, serif;
            margin: 6px 20px 5px 20px;
            line-height: 15px;
        }
        table {
            width: 100%;
            border-collapse: collapse;
        }
        td, th {
            padding: 4px 3px;
        }
        th {
            text-align: left;
        }
        .d-block {
            display: block;
        }
        img.image {
            width: auto;
            height: 80px;
            max-width: 150px;
            max-height: 150px;
        }
        .text-right {
            text-align: right;
        }
        .text-center {
            text-align: center;
        }
        .p-1 {
            padding: 5px 1px;
        }
        .font-10 { font-size: 10pt; }
        .font-11 { font-size: 11pt; }
        .font-12 { font-size: 12pt; }
        .font-13 { font-size: 13pt; }
        .border-bottom-header {
            border-bottom: 1px solid;
        }
        .border-all, .border-all th, .border-all td {
            border: 1px solid;
        }
    </style>
```



```
        }
    </style>
</head>
<body>
    <table class="border-bottom-header">
        <tr>
            <td width="15%" class="text-center">
                
            </td>
            <td width="85%">
                <span class="text-center d-block font-11 font-bold mb-1">
                    KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET, DAN TEKNOLOGI
                </span>
                <span class="text-center d-block font-13 font-bold mb-1">
                    POLITEKNIK NEGERI MALANG
                </span>
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                </span>
                <span class="text-center d-block font-10">
                    Laman: www.polinema.ac.id
                </span>
            </td>
        </tr>
    </table>

    <h3 class="text-center">LAPORAN DATA KATEGORI</h3>

    <table class="border-all">
        <thead>
            <tr>
                <th class="text-center">No</th>
                <th>Kode Kategori</th>
                <th>Nama Kategori</th>
            </tr>
        </thead>
        <tbody>
            @foreach($kategori as $k)
                <tr>
                    <td class="text-center">{{ $loop->iteration }}</td>
                    <td>{{ $k->kategori_kode }}</td>
                    <td>{{ $k->kategori_nama }}</td>
                </tr>
            @endforeach
        </tbody>
    </table>
</body>
</html>
```

Routes

```
Route::get('/import', [KategoriController::class, 'import']); // ajax form upload excel
Route::post('/import_ajax', [KategoriController::class, 'import_ajax']); // ajax import excel
Route::get('/export_excel', [KategoriController::class, 'export_excel']); // export excel
Route::get('/export_pdf', [KategoriController::class, 'export_pdf']); //export pdf
```



Web

Laporan Data Kategori

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LAPORAN DATA KATEGORI

No	Kode Kategori	Nama Kategori
1	CML	Cemilan
2	GNB	Gantungan Budi
3	GNC	Gantungan Kunci
4	KTG001	Elektronik
5	KTG002	Pakaian
6	KTG003	Makanan
7	KTG004	Minuman
8	KTG005	Alat Tulis
9	MNR	Minuman Ringan

Supplier

Controller

```
public function export_pdf()
{
    $supplier = SupplierModel::select('supplier_kode', 'supplier_nama')
        ->orderBy('supplier_kode')
        ->get();

    // use Barryvdh\DomPDF\Facade\Pdf;
    $pdf = Pdf::loadView('supplier.export_pdf', ['supplier' => $supplier]);
    $pdf->setPaper('a4', 'portrait');
    $pdf->setOption("isRemoteEnabled", true);
    $pdf->render();

    return $pdf->stream('Data supplier '.date('Y-m-d H:i:s').'.pdf');
}
```

View

```
<button onclick="modalAction('{{ url('/supplier/import') }}')>Import Supplier</button>
<a href="{{ url('/supplier/export_excel') }}" class="btn btn-sm btn-primary mt-1"><i></i> Export Supplier</a>
<a href="{{ url('/supplier/export_pdf') }}" class="btn btn-sm btn-danger mt-1"><i class="fa fa-file-pdf"></i> Export PDF</a>
<button onclick="modalAction('{{ url('/supplier/create_ajax') }}')>Tambah Ajax</button>
```



```
<!DOCTYPE html>
<html lang="id">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Laporan Data Supplier</title>
    <style>
        body {
            font-family: "Times New Roman", Times, serif;
            margin: 6px 20px 5px 20px;
            line-height: 15px;
        }
        table {
            width: 100%;
            border-collapse: collapse;
        }
        td, th {
            padding: 4px 3px;
        }
        th {
            text-align: left;
        }
        .d-block {
            display: block;
        }
        img.image {
            width: auto;
            height: 80px;
            max-width: 150px;
            max-height: 150px;
        }
        .text-right {
            text-align: right;
        }
        .text-center {
            text-align: center;
        }
        .p-1 {
            padding: 5px 1px;
        }
        .font-10 { font-size: 10pt; }
        .font-11 { font-size: 11pt; }
        .font-12 { font-size: 12pt; }
        .font-13 { font-size: 13pt; }
        .border-bottom-header {
            border-bottom: 1px solid;
        }
        .border-all, .border-all th, .border-all td {
            border: 1px solid;
        }
    </style>
```



```
<body>
    <table class="border-bottom-header">
        <tr>
            <td width="15%" class="text-center">
                
            </td>
            <td width="85%">
                <span class="text-center d-block font-11 font-bold mb-1">
                    KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET, DAN TEKNOLOGI
                </span>
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                </span>
                <span class="text-center d-block font-10">
                    Laman: www.polinema.ac.id
                </span>
            </td>
        </tr>
    </table>

    <h3 class="text-center">LAPORAN DATA SUPPLIER</h3>

    <table class="border-all">
        <thead>
            <tr>
                <th class="text-center">No</th>
                <th>Kode Supplier</th>
                <th>Nama Supplier</th>
            </tr>
        </thead>
        <tbody>
            @foreach($supplier as $s)
            <tr>
                <td class="text-center">{{ $loop->iteration }}</td>
                <td>{{ $s->supplier_kode }}</td>
                <td>{{ $s->supplier_nama }}</td>
            </tr>
            @endforeach
        </tbody>
    </table>
</body>
</html>
```

Routes

```
Route::get('/import',[SupplierController::class,'import']); // ajax form upload excel
Route::post('/import_ajax',[SupplierController::class,'import_ajax']); // ajax form import excel
Route::get('/export_excel',[SupplierController::class, 'export_excel']); // export excel
Route::get('/export_pdf',[SupplierController::class, 'export_pdf']); //export pdf
```



Web

Laporan Data Supplier

1 / 1 | - 100% + | ☰ ⌂

Data supplier 2025-04-08 12_14_23.pdf
2,220 B • Done

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LAPORAN DATA SUPPLIER

No	Kode Supplier	Nama Supplier
1	SPKC	Supplier Kecepatan

2. Amati dan jelaskan tiap tahapan yang kalian kerjakan, dan jabarkan dalam laporan
3. Submit kode untuk implementasi export pdf pada repository github kalian.

Tugas 4 – Implementasi Upload File Gambar :

1. Silahkan implementasikan fitur **upload file** untuk mengubah **foto profile** di project web kalian

Database Table

```
PS C:\laragon\www\PWL_2025\Minggu8\Jobsheet8> php artisan make:migration add_profile_picture_to_m_user_table
[INFO] Migration [C:\laragon\www\PWL_2025\Minggu8\Jobsheet8\database\migrations\2025_04_08_124835_add_profile_picture_to_m_user_table.php] created successfully.
```



```
<?php

use Illuminate\Database\Migrations\Migration;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Support\Facades\Schema;

return new class extends Migration
{
    /**
     * Run the migrations.
     */
    public function up(): void
    {
        Schema::table('m_user', function (Blueprint $table) {
            $table->string('photo_profile')->nullable();
        });
    }

    /**
     * Reverse the migrations.
     */
    public function down(): void
    {
        Schema::table('m_user', function (Blueprint $table) {
            $table->dropColumn('photo_profile');
        });
    }
};
```

```
PS C:\laragon\www\PWL_2025\Minggu8\Jobsheet8> php artisan migrate
INFO  Running migrations.
2025_04_08_124835_add_profile_picture_to_m_user_table ..... 248ms DONE
```

<input type="checkbox"/>	8	photo_profile	varchar(255)	utf8mb4_unicode_ci	Yes	NULL			
		With selected:							

```
EFORTS DONE
C:\laragon\www\PWL_2025\Minggu8\Jobsheet8> php artisan storage:link
INFO  The [C:\laragon\www\PWL_2025\Minggu8\Jobsheet8\public\storage] link has been connected to [C:\laragon\www\PWL_2025\Minggu8\Jobsheet8\storage\app\public].
```



Controller

```
public function update_photo(Request $request)
{
    // Validasi file
    $request->validate([
        'photo_profile' => 'required|image|mimes:jpeg,png,jpg|max:2048',
    ]);

    try {
        $user = auth()->user();

        if (!$user) {
            return redirect('/login')->with('error', 'Silahkan login terlebih dahulu');
        }

        $userId = $user->user_id;

        $userModel = UserModel::find($userId);

        if (!$userModel) {
            return redirect('/login')->with('error', 'User tidak ditemukan');
        }

        // Menghapus foto jika sudah ada
        if ($userModel->photo_profile && file_exists(storage_path('app/public/' . $userModel->photo_profile))) {
            Storage::disk('public')->delete($userModel->photo_profile);
        }

        $fileName = 'profile_' . $userId . '_' . time() . '.' . $request->photo_profile->extension();
        $path = $request->photo_profile->storeAs('profiles', $fileName, 'public');

        UserModel::where('user_id', $userId)->update([
            'photo_profile' => $path
        ]);

        return redirect()->back()->with('success', 'Foto profil berhasil diperbarui');
    } catch (\Exception $e) {
        return redirect()->back()->with('error', 'Gagal mengupload foto: ' . $e->getMessage());
    }
}

public function delete_photo()
{
    try {
        $user = auth()->user();

        if (!$user) {
            return redirect('/login')->with('error', 'Silahkan login terlebih dahulu');
        }

        $userModel = UserModel::find($user->user_id);

        if (!$userModel || !$userModel->photo_profile) {
            return redirect()->back()->with('error', 'Tidak ada foto yang dapat dihapus');
        }

        if (Storage::disk('public')->exists($userModel->photo_profile)) {
            Storage::disk('public')->delete($userModel->photo_profile);
        }

        $userModel->update(['photo_profile' => null]);

        return redirect()->back()->with('success', 'Foto profil berhasil dihapus');
    } catch (\Exception $e) {
        return redirect()->back()->with('error', 'Gagal menghapus foto: ' . $e->getMessage());
    }
}
```



Model

```
protected $table = 'm_user';
protected $primaryKey = 'user_id';
protected $fillable = ['username', 'password', 'nama', 'level_id', 'created_at', 'updated_at', 'photo_profile'];
```

View

```
@extends('layouts.template')

@section('content')

<!-- Profil Pengguna -->


<div class="card-header text-center">
        <h3 class="card-title">Profil Pengguna</h3>
    </div>
    <div class="card-body">
        <div class="row justify-content-center">
            <div class="col-md-6 text-center">
                @php
                    $foto = Auth::user()->photo_profile
                    ? asset('storage/' . Auth::user()->photo_profile)
                    : asset('img/defaultAvatar.png'); // Lokasi default avatar
                @endphp

                
                <form action="{{ url('/user/update-photo') }}" method="POST" enctype="multipart/form-data" class="mb-2">
                    @csrf
                    <input type="file" name="photo_profile" id="photo_profile" class="form-control mb-2" accept="image/*" onchange="previewPhoto()" required>
                    <button type="submit" class="btn btn-primary w-100">Ganti Foto</button>
                </form>

                <!-- Tombol Hapus Foto -->
                @if(Auth::user()->photo_profile)
                    <form action="{{ url('/user/delete-photo') }}" method="POST" class="mb-3">
                        @csrf
                        <button type="submit" class="btn btn-outline-danger w-100">Hapus Foto</button>
                    </form>
                @endif

                <!-- Tombol Logout -->
                <form action="{{ url('logout') }}" method="GET">
                    @csrf
                    <button type="submit" class="btn btn-danger w-100">Logout</button>
                </form>
            </div>
        </div>
    </div>

    <!-- Alert -->
    @if(session('success'))
        <div class="alert alert-success mt-3 text-center">{{ session('success') }}</div>
    @endif
    @if(session('error'))
        <div class="alert alert-danger mt-3 text-center">{{ session('error') }}</div>
    @endif
    @if($errors->any())
        <div class="alert alert-danger mt-3 text-center">
            <ul class="mb-0">
                @foreach($errors->all() as $err)
                    <li>{{ $err }}</li>
                @endforeach
            </ul>
        </div>
    @endif
</div>
</div>


```



```
<!-- Script Preview -->
<script>
    function previewPhoto() {
        const input = document.getElementById('photo_profile');
        const preview = document.getElementById('preview-image');

        const file = input.files[0];
        if (file) {
            const reader = new FileReader();

            reader.onload = function(e) {
                preview.src = e.target.result;
            }

            reader.readAsDataURL(file);
        }
    }
</script>
```

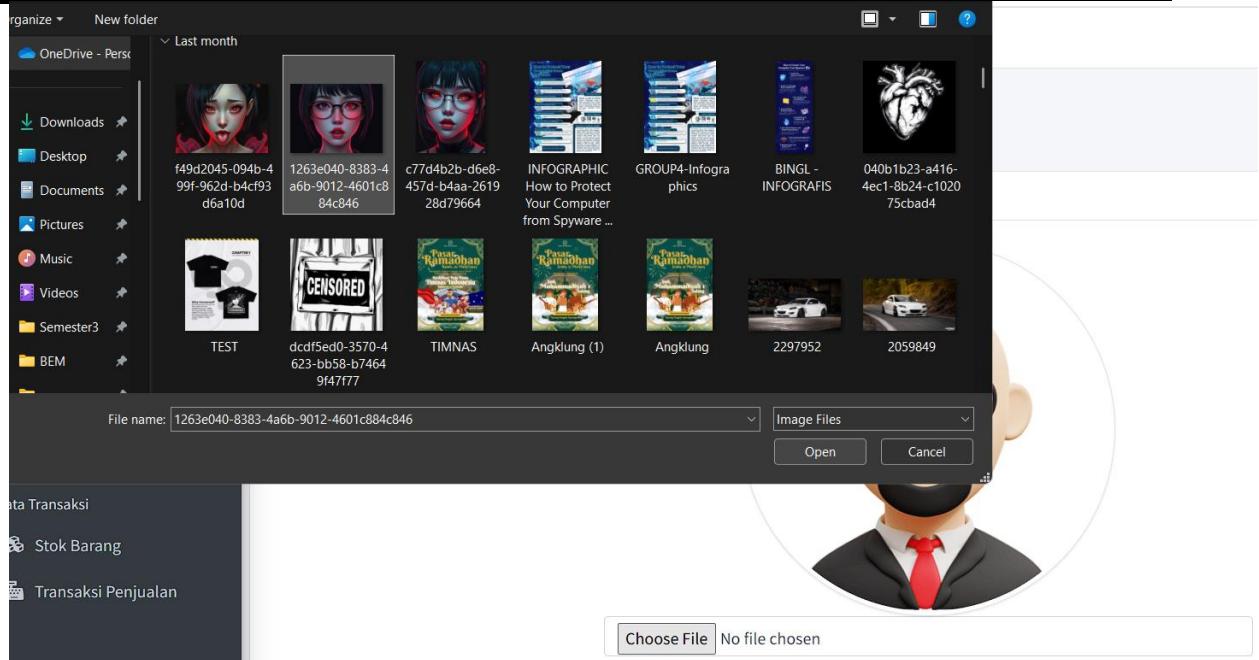
Routes

```
Route::post('/update-photo', [UserController::class, 'update_photo']); // upload foto
Route::post('/delete-photo', [UserController::class, 'delete_photo']); // hapus foto
```

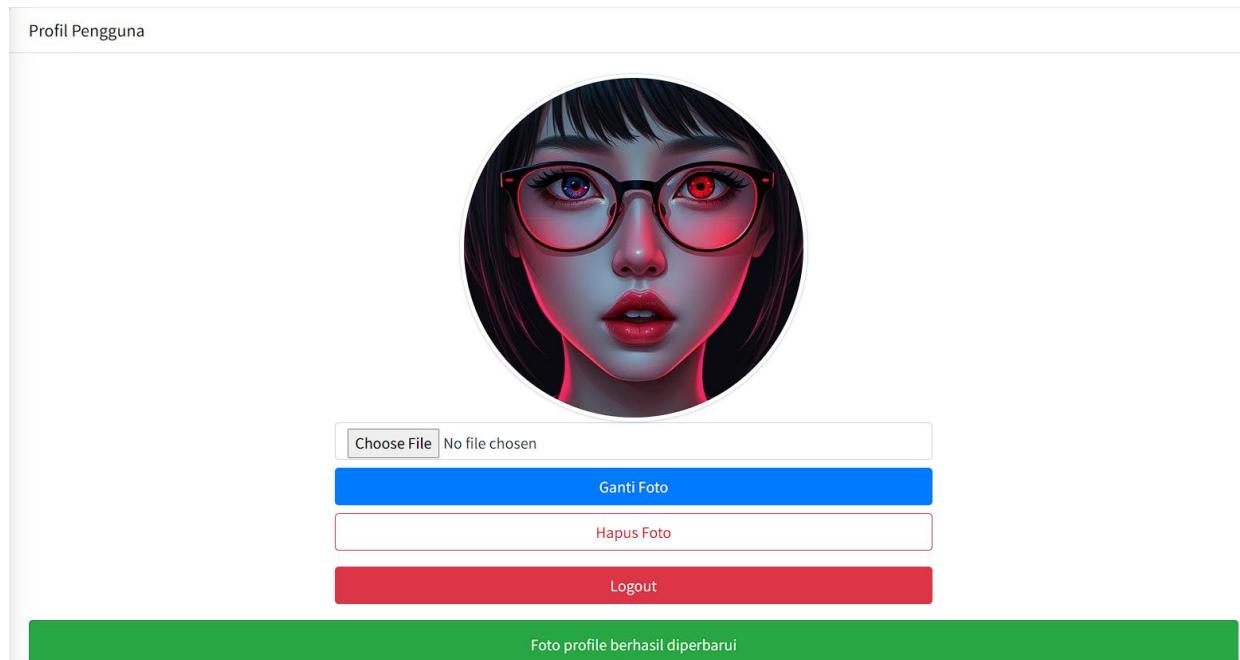
Web

The screenshot displays a web-based administrative interface. On the left, a sidebar menu lists various management tasks such as User Management, Category Management, Product Management, Transaction Management, and Stock Management. The 'Dashboard' option is currently selected. The main content area features a 'Selamat Datang' (Welcome) message and a 'Profil Pengguna' (User Profile) section. In this section, there is a circular placeholder for a user's profile picture, which contains a cartoon illustration of a man with glasses and a beard. Below the placeholder is a file input field with the label 'Choose File' and the status 'No file chosen'. Underneath the input field are two buttons: a blue one labeled 'Ganti Foto' (Change Photo) and a red one labeled 'Logout'.

Ini adalah kondisi profile ketika tidak ada foto yang terupload dalam user, menampilkan avatar default orang botak.



Kemudian disini saya mengupload foto perempuan berkacamata sebagai profile



Ini adalah preview photo profile setelah saya upload perubahan foto yang saya upload

← T →	user_id	level_id	username	nama	password	created_at	updated_at	photo_profile
<input type="checkbox"/> <input type="button" value="Edit"/> <input type="button" value="Copy"/> <input type="button" value="Delete"/>	1	1	admin	Administrator	\$2y\$10\$fffbRRNkHQhYgcswpI26Ku8ZG/YVwRF.M1eeG2XpY...	NULL	2025-04-08 14:26:46	profiles/profile_1_1744122406.png

File juga masuk ke storag database

2. Jelaskan tiap tahapan yang kalian kerjakan, dan jabarkan dalam laporan
3. Submit kode untuk implementasi Upload File Gambar pada repository github kalian.



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<http://www.polinema.ac.id>

*** *Sekian, dan selamat belajar ****