

Nama	: Dini Elminingtyas
Kelas/No.absen	: SIB 2B / 07
NIM	: 2341760180

PEMROGRAMAN WEB LANJUT

JOBSHEET 6

AJAX FORM (AdminLTE) dan CLIENT VALIDATION

Praktikum 1 - Modal Ajax Tambah Data (Data User)

1. Kita buat form tambah data baru dengan menerapkan modal dan proses ajax.
2. Pertama yang kita siapkan adalah menambahkan *library jQuery Validation* dan *Sweetalert* ke aplikasi web kita. Caranya kita tambahkan link kedua *library* tersebut ke *template.blade.php*, library sudah disediakan oleh adminLTE.

```
template.blade.php
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="utf-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1">
6      <title>AdminLTE 3 | Blank Page</title>
7
8      <meta name="csrf-token" content="{{ csrf_token() }}>
9
10     <!-- Font Awesome -->
11     <link rel="stylesheet" href="{{ asset('plugins/fontawesome-free/css/all.min.css') }}>
12     <!-- Datatables -->
13     <link rel="stylesheet" href="{{ asset('plugins/datatables-bs4/css/dataTables.bootstrap4.min.css') }}>
14     <link rel="stylesheet" href="{{ asset('plugins/datatables-responsive/css/responsive.bootstrap4.min.css') }}>
15     <link rel="stylesheet" href="{{ asset('plugins/datatables-buttons/css/buttons.bootstrap4.min.css') }}>
16     <!-- SweetAlert2 -->
17     <link rel="stylesheet" href="{{ asset('plugins/sweetalert2-theme-bootstrap-4/bootstrap-4.min.css') }}>
18     <!-- Theme style -->
19     <link rel="stylesheet" href="{{ asset('dist/css/adminlte.min.css') }}>
20
21     @stack('css')
22
23     </head>
24     <body>
```

⇒ Source code

```
resources > views > layouts > template.blade.php > ...
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="utf-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1">
6      <title>{{ config('app.name', 'PWL Laravel Starter Code') }}</title>
7
8      <meta name="csrf-token" content="{{ csrf_token() }}> <!-- Untuk mengirimkan token Laravel CSRF pada setiap request ajax -->
9
10     <!-- Google Font: Source Sans Pro -->
11     <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,400i,700&display=fallback">
12     <!-- Font Awesome -->
13     <link rel="stylesheet" href="{{ asset('adminlte/plugins/fontawesome-free/css/all.min.css') }}>
14     <!-- DataTables -->
15     <link rel="stylesheet" href="{{ asset('adminlte/plugins/datatables-bs4/css/dataTables.bootstrap4.min.css') }}>
16     <link rel="stylesheet" href="{{ asset('adminlte/plugins/datatables-responsive/css/responsive.bootstrap4.min.css') }}>
17     <link rel="stylesheet" href="{{ asset('adminlte/plugins/datatables-buttons/css/buttons.bootstrap4.min.css') }}>
18     <!-- SweetAlert2 -->
19     <link rel="stylesheet" href="{{ asset('plugins/sweetalert2-theme-bootstrap-4/bootstrap-4.min.css') }}>
20     <!-- Theme style -->
21     <link rel="stylesheet" href="{{ asset('adminlte/dist/css/adminlte.min.css') }}>
22     @stack('css') <!-- Custom CSS -->
23
24     </head>
25     <body>
```

```

61   <script src="{{ asset('adminlte/plugins/datatables-buttons/js/buttons.print.min.js') }}"></script>
62   <script src="{{ asset('adminlte/plugins/datatables-buttons/js/buttons.colVis.min.js') }}"></script>
63
64 | <!-- jquery-validation -->
65 | <script src="{{ asset('plugins/jquery-validation/jquery.validate.min.js') }}"></script>
66 | <script src="{{ asset('plugins/jquery-validation/additional-methods.min.js') }}"></script>
67 |
68 | <!-- SweetAlert2 -->
69 | <script src="{{ asset('plugins/sweetalert2/sweetalert2.min.js') }}"></script>
70 |
71 | <!-- AdminLTE App -->
72 | <script src="{{ asset('adminlte/dist/js/adminlte.min.js') }}"></script>
73 |
74 </script>

```

- Selanjutnya Kita modifikasi view `user/index.blade.php`, kita tambahkan tombol untuk membuat form popup ajax

```

@extends('layouts.template')

@section('content')
    <div class="card card-outline card-primary">
        <div class="card-header">
            <h3 class="card-title">{{ $page->title }}</h3>
            <div class="card-tools">
                <a class="btn btn-sm btn-primary mt-1" href="{{ url('user/create') }}">Tambah</a>
                <button onclick="modalAction('{{ url('user/create_ajax') }}'" class="btn btn-sm btn-success mt-1">Tambah Ajax</button>
            </div>
        </div>
        <div class="card-body">
            @if (@session('success'))
                <div class="alert alert-success">{{ session('success') }}</div>
            @endif
            @if (session('error'))
                <div class="alert alert-danger">{{ session('error') }}</div>
            @endif
            <div class="row">
                <div class="col-md-12">
                    <div class="form-group row">
                        <label class="col-1 control-label col-form-label">Filter:</label>
                        <div class="col-3">
                            <select class="form-control" id="level_id" name="level_id" required>
                                <option value="">- Semua -</option>
                                @foreach ($level as $item)
                                    <option value="{{ $item->level_id }}>{{ $item->level_nama }}</option>
                                @endforeach
                            </select>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>

```

⇒ Source code

```

resources > views > user > index.blade.php > div.card.card-outline.card-primary > div.card-body > table#table_user.table.table-bordered.table-striped.table-hover.table-sm > thead
1  @extends('layouts.template')
2
3  @section('content')
4  <div class="card card-outline card-primary">
5      <div class="card-header">
6          <h3 class="card-title">{{ $page->title }}</h3>
7          <div class="card-tools">
8              <a class="btn btn-sm btn-primary mt-1" href="{{ url('user/create') }}">Tambah</a>
9              <button onclick="modalAction('{{ url('user/create_ajax') }}'" class="btn btn-sm btn-success mt-1">Tambah Ajax</button>
10         </div>
11     </div>

```

- Selanjutnya kita tambahkan kode berikut pada **akhir** `@section('content')` pada view `user/index.blade.php`

```

<div id="myModal" class="modal fade animate shake" tabindex="-1" role="dialog" data-backdrop="static" data-keyboard="false" data-width="75%" aria-hidden="true"></div>

```

⇒ Source code

```

47     </div>
48     <div id="myModal" class="modal fade animate shake" tabindex="-1" role="dialog"
49         data-backdrop="static" data-keyboard="false" data-width="75%" aria-hidden="true">
50     </div>
51     @endsection

```

5. Kemudian kita tambahkan kode berikut pada awal `@push('js')` pada view `user/index.blade.php`

```

function modalAction(url = ''){
    $('#myModal').load(url,function(){
        $('#myModal').modal('show');
    });
}

```

Sehingga tampilan kode program akan seperti berikut

```

<div id="myModal" class="modal fade animate shake" tabindex="-1" role="dialog" data-backdrop="static"
    data-keyboard="false" data-width="75%" aria-hidden="true"></div>
@endsection

@push('css')
@endpush

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

    var dataUser;
    $(document).ready(function() {
        dataUser = $('#table_user').DataTable({
            // serverSide: true, jika ingin menggunakan server side processing
            serverSide: true,
            ajax: {
                "url": "{{ url('user/list') }}",
                "dataType": "json",
                "type": "POST",
                "data": function (d){
                    d.level_id = $('#level_id').val();
                }
            },
            columns: [

```

⇒ Source code

```

52
53     @push('js')
54     <script>
55         function modalAction(url = ''){
56             $('#myModal').load(url,function(){
57                 $('#myModal').modal('show');
58             });
59         }
59         var dataUser;
60         $(document).ready(function() {
61             dataUser = $('#table_user').DataTable({
62                 // serverSide: true, jika ingin menggunakan server side processing
63                 // serverSide: true,
64                 ajax: {
65                     "url": "{{ url('user/list') }}",
66                     "dataType": "json",
67                     "type": "POST",
68                     "data": function(d) {
69                         d.level_id = $('#level_id').val();
70                     }
71                 },
72             });

```

6. Selanjutkan Kita modifikasi `route/web.php` untuk mengakomodir operasi ajax

```
Route::group(['prefix' => 'user'], function () {
    Route::get('/', [UserController::class, 'index']); // Menampilkan halaman awal user
    Route::post('/list', [UserController::class, 'list']); // Menampilkan data user dalam bentuk json untuk datatables
    Route::get('/create', [UserController::class, 'create']); // Menampilkan halaman form tambah user
    Route::post('/', [UserController::class, 'store']); // Menyimpan data user baru
    Route::get('/create_ajax', [UserController::class, 'create_ajax']); // Menampilkan halaman form tambah user Ajax
    Route::post('/ajax', [UserController::class, 'store_ajax']); // Menyimpan data user baru Ajax
    Route::get('/{id}', [UserController::class, 'show']); // Menampilkan detail user
    Route::get('/{id}/edit', [UserController::class, 'edit']); // Menampilkan halaman form edit user
    Route::put('/{id}', [UserController::class, 'update']); // menyimpan perubahan data user
    Route::delete('/{id}', [UserController::class, 'destroy']); // Menghapus data user
});
```

⇒ Source code

```
40 | Route::group(['prefix' => 'user'], function () {
41 |     Route::get('/', [UserController::class, 'index']); // menampilkan halaman awal user
42 |     Route::post('/list', [UserController::class, 'list']); // menampilkan data user dalam bentuk json untuk datatables
43 |     Route::get('/create', [UserController::class, 'create']); // menampilkan halaman form tambah user
44 |     Route::post('/', [UserController::class, 'store']); // menyimpan data user baru
45 |     Route::get('/create_ajax', [UserController::class, 'create_ajax']); // Menampilkan halaman form tambah user Ajax
46 |     Route::post('/ajax', [UserController::class, 'store_ajax']); // Menyimpan data user baru ajax
47 |     Route::get('/{id}', [UserController::class, 'show']); // menampilkan detail user
48 |     Route::get('/{id}/edit', [UserController::class, 'edit']); // menampilkan halaman form edit user
49 |     Route::put('/{id}', [UserController::class, 'update']); // menyimpan perubahan data user
50 |     Route::delete('/{id}', [UserController::class, 'destroy']); // menghapus data user
51 |     Route::post('/data', [UserController::class, 'getUsers'])->name('user.data');
52 | });
53 | }
```

7. Kemudian Kita tambahkan fungsi `create_ajax()` pada file `UserController.php`

```
public function create_ajax()
{
    $level = LevelModel::select('level_id', 'level_nama')->get();

    return view('user.create_ajax')
        ->with('level', $level);
}
```

⇒ Source code

```
191 |
192 |     public function create_ajax()
193 |     {
194 |         $level = LevelModel::select('level_id', 'level_name')->get();
195 |
196 |         return view('user.create_ajax')
197 |             ->with('level', $level);
198 |     }
199 |
200 | }
```

8. Setelah itu, kita buat **view baru** `user/create_ajax.blade.php` untuk menampilkan form dengan ajax

```
<form action="{{ url('/user/ajax') }}" method="POST" id="form-tambah">
@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">Tambah Data User</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>Level Pengguna</label>
                <select name="level_id" id="level_id" class="form-control" required>
                    <option value="">- Pilih Level -</option>
                    @foreach($level as $l)
                        <option value="{{ $l->level_id }}>{{ $l->level_nama }}</option>
                    @endforeach
                </select>
                <small id="error-level_id" class="error-text form-text text-danger"></small>
            </div>
            <div class="form-group">
                <label>Username</label>
                <input value="" type="text" name="username" id="username" class="form-control" required>
                <small id="error-username" class="error-text form-text text-danger"></small>
            </div>
            <div class="form-group">
                <label>Nama</label>
                <input value="" type="text" name="nama" id="nama" class="form-control" required>
                <small id="error-nama" class="error-text form-text text-danger"></small>
            </div>
            <div class="form-group">
                <label>Password</label>
                <input value="" type="password" name="password" id="password" class="form-control" required>
                <small id="error-password" class="error-text form-text text-danger"></small>
            </div>
        </div>
    </div>
</div>
```

⇒ Source code

```
resources > views > user > create_ajax.blade.php > ...
1   <form action="{{ url('/user/ajax') }}" method="POST" id="form-tambah">
2     @csrf
3     <div id="modal-master" class="modal-dialog modal-lg" role="document">
4       <div class="modal-content">
5         <div class="modal-header">
6           <h5 class="modal-title" id="exampleModalLabel">Tambah Data User</h5>
7           <button type="button" class="close" data-dismiss="modal" aria-label="Close">
8             <span aria-hidden="true">&times;</span>
9           </button>
10      </div>
11      <div class="modal-body">
12        <div class="form-group">
13          <label>Level Pengguna</label>
14          <select name="level_id" id="level_id" class="form-control" required>
15            <option value="">- Pilih Level -</option>
16            @foreach($level as $l)
17              <option value="{{ $l->level_id }}>{{ $l->level_nama }}</option>
18            @endforeach
19          </select>
20          <small id="error-level_id" class="error-text form-text text-danger"></small>
21        </div>
    </div>
</div>
```

9. Kemudian untuk mengakomodir proses simpan data melalui ajax, kita buat fungsi `store_ajax()` pada `UserController.php`

```

public function store_ajax(Request $request) {
    // cek apakah request berupa ajax
    if($request->ajax() || $request->wantsJson()){
        $rules = [
            'level_id' => 'required|integer',
            'username' => 'required|string|min:3|unique:_user,username',
            'name'      => 'required|string|max:100',
            'password'  => 'required|min:6'
        ];

        // use Illuminate\Support\Facades\Validator;
        $validator = Validator::make($request->all(), $rules);

        if($validator->fails()){
            return response()->json([
                'status' => false, // response status, false: error/gagal, true: berhasil
                'message' => 'Validasi Gagal',
                'msgField' => $validator->errors(), // pesan error validasi
            ]);
        }

        UserModel::create($request->all());
        return response()->json([
            'status' => true,
            'message' => 'Data user berhasil disimpan'
        ]);
    }
    redirect('/');
}

```

⇒ Source code

```

191     public function create_ajax()
192     {
193         $level = LevelModel::select('level_id', 'level_name')->get();
194
195         return view('user.create_ajax')
196             ->with('level', $level);
197     }
198
199
200     public function store_ajax(Request $request) {
201         // cek apakah request berupa ajax
202         if($request->ajax() || $request->wantsJson()){
203             $rules = [
204                 'level_id' => 'required|integer',
205                 'username' => 'required|string|min:3|unique:_user,username',
206                 'name'      => 'required|string|max:100',
207                 'password'  => 'required|min:6'
208             ];
209
210             // use Illuminate\Support\Facades\Validator;
211             $validator = Validator::make($request->all(), $rules);
212
213             if($validator->fails()){
214                 return response()->json([
215                     'status' => false, // response status, false: error/gagal, true: berhasil
216                     'message' => 'Validasi Gagal',
217                     'msgField' => $validator->errors(), // pesan error validasi
218                 ]);
219             }
220
221             UserModel::create($request->all());
222             return response()->json([
223                 'status' => true,
224                 'message' => 'Data user berhasil disimpan'
225             ]);
226         }
227         redirect('/');
228     }

```

10. OK, sekarang kita coba melakukan proses tambah data user menggunakan form ajax. Amati apa yang terjadi dan laporakan pada laporan *jobsheet* dan *commit* di github kalian!!!

⇒ Halaman Browser

Form ajax

Tambah Data User

Level Pengguna: Customer

Username: dee

Nama: dee

Password: *****

Aksi

ID	Username	Name	Level	Action
1	admin		Manager	[Detail] [Edit] [Hapus]
2	manager		Manager	[Detail] [Edit] [Hapus]
3	staff		Manager	[Detail] [Edit] [Hapus]
4	customer-1		Customer	[Detail] [Edit] [Hapus]
5	manager_dua	Manager 2	Manager	[Detail] [Edit] [Hapus]
6	manager_tiga	Manager 3	Manager	[Detail] [Edit] [Hapus]
7	manager22	Manager Dua Dua	Manager	[Detail] [Edit] [Hapus]
8	manager33	Manager Tiga Tiga	Manager	[Detail] [Edit] [Hapus]
9	manager56	Manager55	Manager	[Detail] [Edit] [Hapus]
10	manager12	Manager11	Manager	[Detail] [Edit] [Hapus]

Berhasil

Data user berhasil disimpan

OK

Copyright © 2014-2021 AdminLTE.io. All rights reserved.

Daftar User

Daftar user yang terdaftar dalam sistem

Filter: - Semua -

ID	Username	Nama	Level Pengguna	Aksi
11	dee	dee	Customer	Detail Edit Hapus

Showing 11 to 11 of 11 entries

Previous 1 2 Next

localhost/Pemrograman_Web_Lanjut_2025/Minggu 6 (PWL_POS)/public/user# Version 3.2.0

Saat tombol Tambah Ajax diklik, muncul modal form dari Bootstrap tanpa perlu reload halaman. Form ini berisi input Level Pengguna, Username, Nama, dan Password, dengan pesan error otomatis jika ada kesalahan.

Validasi dilakukan di sisi pengguna menggunakan jQuery Validation. Jika data valid, form dikirim asinkron menggunakan Ajax. Setelah data berhasil disimpan, modal otomatis tertutup, muncul notifikasi SweetAlert, dan tabel pengguna langsung diperbarui tanpa perlu refresh halaman.

Praktikum 2 - Modal Ajax Edit Data (Data User)

1. Pada Praktikum 2 ini, kita akan melakukan coding untuk proses edit menggunakan ajax.
2. Pertama-tama, kita **ubah** dulu fungsi `list()` pada `UserController.php` untuk mengganti **tombol edit** untuk bisa menggunakan modal

```
// Ambil data user dalam bentuk json untuk datatables
public function list(Request $request)
{
    $users = UserModel::select('user_id', 'username', 'nama', 'level_id')
        ->with('level');

    // Filter data user berdasarkan level_id
    if ($request->level_id){
        $users->where('level_id',$request->level_id);
    }

    return DataTables::of($users)
        ->addIndexColumn() // menambahkan kolom index / no urut (default nama kolom: DT_RowIndex)
        ->addColumn('aksi', function ($user) { // menambahkan kolom aksi
```

⇒ Source code

```
// Ambil data user dalam bentuk json untuk datatables
public function list(Request $request)
{
    $users = UserModel::select('user_id', 'username', 'nama', 'level_id')
        ->with('level');

    // Filter data user berdasarkan level_id
    if ($request->level_id) {
        $users->where('level_id', $request->level_id);
    }

    return DataTables::of($users)
        ->addIndexColumn() // menambahkan kolom index / no urut (default nama kolom: DT_RowIndex)
        ->addColumn('aksi', function ($user) { // menambahkan kolom aksi
            $btn = '<button onclick="modalAction(\'' . url('/user') . '/' . $user->user_id . '/show_ajax' . '\') class="btn btn-info btn-sm">Detail</button> ';
            $btn .= '<button onclick="modalAction(\'' . url('/user') . '/' . $user->user_id . '/edit_ajax' . '\') class="btn btn-warning btn-sm">Edit</button> ';
            $btn .= '<button onclick="modalAction(\'' . url('/user') . '/' . $user->user_id . '/delete_ajax' . '\') class="btn btn-danger btn-sm">Hapus</button> ';

            return $btn;
        })
        ->rawColumns(['aksi']) // memberitahu bahwa kolom aksi adalah html
        ->make(true);
}
```

3. Selanjutnya kita modifikasi `routes/web.php` untuk mengakomodir request edit menggunakan ajax

```
Route::group(['prefix' => 'user'], function () {
    Route::get('/', [UserController::class, 'index']); // Menampilkan halaman awal user
    Route::post('/list', [UserController::class, 'list']); // Menampilkan data user dalam bentuk json untuk datatables
    Route::get('/create', [UserController::class, 'create']); // Menampilkan halaman form tambah user
    Route::post('/', [UserController::class, 'store']); // Menyimpan data user baru
    Route::get('/create_ajax', [UserController::class, 'create_ajax']); // Menampilkan halaman form tambah user Ajax
    Route::post('/ajax', [UserController::class, 'store_ajax']); // Menyimpan data user baru Ajax
    Route::get('/{id}', [UserController::class, 'show']); // Menampilkan detail user
    Route::get('/{id}/edit', [UserController::class, 'edit']); // Menampilkan halaman form edit user
    Route::put('/{id}', [UserController::class, 'update']); // Menyimpan perubahan data user
    Route::get('/{id}/edit_ajax', [UserController::class, 'edit_ajax']); // Menampilkan halaman form edit user Ajax
    Route::put('/{id}/update_ajax', [UserController::class, 'update_ajax']); // Menyimpan perubahan data user Ajax
    Route::delete('/{id}', [UserController::class, 'destroy']); // Menghapus data user
});
```

⇒ Source code

```
|>use Illuminate\Support\Facades\Route;
Route::get('/create_ajax', [UserController::class, 'create_ajax']); // Menampilkan halaman form tambah user Ajax
Route::post('/ajax', [UserController::class, 'store_ajax']); // Menyimpan data user baru Ajax
Route::get('/{id}/edit_ajax', [UserController::class, 'edit_ajax']); // Menampilkan halaman form edit user Ajax
Route::put('/{id}/update_ajax', [UserController::class, 'update_ajax']); // Menyimpan perubahan data user Ajax
```

4. Kemudian, kita buat fungsi `edit_ajax()` pada `UserController.php`

```
// Menampilkan halaman form edit user ajax
public function edit_ajax(string $id)
{
    $user = UserModel::find($id);
    $level = LevelModel::select('level_id', 'level_nama')->get();

    return view('user.edit_ajax', ['user' => $user, 'level' => $level]);
}
```

⇒ Source code

```
256 // Menampilkan halaman form edit user ajax
257 public function edit_ajax(string $id)
258 {
259     $user = UserModel::find($id);
260     $level = LevelModel::select('level_id', 'level_nama')->get();
261
262     return view('user.edit_ajax', ['user' => $user, 'level' => $level]);
263 }
```

5. Kita buat **view baru** pada `user/edit_ajax.blade.php` untuk menampilkan **form view ajax**

```
@empty($user)
<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">Kesalahan</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="alert alert-danger">
                <i class="icon fas fa-ban"></i> Kesalahan!!!
                Data yang anda cari tidak ditemukan
            </div>
            <a href="{{ url('/user') }}" class="btn btn-warning">Kembali</a>
        </div>
    </div>
@else
<form action="{{ url('/user/' . $user->user_id.'/update_ajax') }}" method="POST" id="form-edit">
    @csrf
    @method('PUT')
    <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">Edit Data User</h5>
                <button type="button" class="close" data-dismiss="modal" aria-label="Close">
                    <span aria-hidden="true">&times;</span>
                </button>
            </div>

```

⇒ Source code

```
sources > views > user > edit_ajax.blade.php > ...
1 @empty($user)
2 <div id="modal-master" class="modal-dialog modal-lg" role="document">
3     <div class="modal-content">
4         <div class="modal-header">
5             <h5 class="modal-title" id="exampleModalLabel">Kesalahan</h5>
6             <button type="button" class="close" data-dismiss="modal" aria-label="Close">
7                 <span aria-hidden="true">&times;</span></button>
8         </div>
9         <div class="modal-body">
10            <div class="alert alert-danger">
11                <i class="icon fas fa-ban"></i> Kesalahan!!!
12                Data yang anda cari tidak ditemukan
13            </div>
14            <a href="{{ url('/user') }}" class="btn btn-warning">Kembali</a>
15        </div>
16    </div>
17 @else
18 <form action="{{ url('/user/' . $user->user_id.'/update_ajax') }}" method="POST" id="form-edit">
19     @csrf
20     @method('PUT')
21     <div id="modal-master" class="modal-dialog modal-lg" role="document">
22         <div class="modal-content">
23             <div class="modal-header">
24                 <h5 class="modal-title" id="exampleModalLabel">Edit Data User</h5>
25                 <button type="button" class="close" data-dismiss="modal" aria-label="Close">
26                     <span aria-hidden="true">&times;</span>
27                 </button>
28             </div>
```

6. Selanjutnya, kita buat fungsi `update_ajax()` pada `UserController.php` untuk mengakomodir request update data user melalui ajax

```
public function update_ajax(Request $request, $id){
    // cek apakah request dari ajax
    if ($request->ajax() || $request->wantsJson()) {
        $rules = [
            'level_id' => 'required|integer',
            'username' => 'required|max:20|unique:m_user,username,'.$id.',user_id',
            'nama'      => 'required|max:100',
            'password'  => 'nullable|min:6|max:20'
        ];
    }
}
```

⇒ Source code

```
265 public function update_ajax(Request $request, $id) {
266     // cek apakah request dari ajax
267     if ($request->ajax() || $request->wantsJson()) {
268         $rules = [
269             'level_id' => 'required|integer',
270             'username' => 'required|max:20|unique:m_user,username,'.$id.',user_id',
271             'nama'      => 'required|max:100',
272             'password'  => 'nullable|min:6|max:20'
273         ];
274
275         // use Illuminate\Support\Facades\Validator;
276         $validator = Validator::make($request->all(), $rules);
277
278         if ($validator->fails()) {
279             return response()->json([
280                 'status'    => false,    // respon json, true: berhasil, false: gagal
281                 'message'   => 'Validasi gagal.',
282                 'msgField'  => $validator->errors() // menunjukkan field mana yang error
283             ]);
284         }
285
286         $check = UserModel::find($id);
287         if ($check) {
288             // jika password tidak diisi, maka hapus dari request
289             if (!$request->filled('password')) {
290                 $request->request->remove('password');
291             }
292
293             $check->update($request->all());
294             return response()->json([
295                 'status'    => true,
296                 'message'   => 'Data berhasil diupdate'
297             ]);
298         } else {
299             return response()->json([
300                 'status'    => false,
301                 'message'   => 'Data tidak ditemukan'
302             ]);
303         }
304     }
305
306     return redirect('/');
307 }
```

7. Sekarang kita coba bagian edit user, amati proses nya. Jangan lupa laporkan dan commit ke repository git kalian !

⇒ Halaman Browser

ID	Username	Nama	Level Pengguna
1	admin		
2	manager		
3	staff		
4	customer-1		
5	manager_dua		
6	manager_tiga	Manager 3	Manager
7	manager22	Manager Dua Dua	Manager
8	manager33	Manager Tiga Tiga	Manager
9	manager56	Manager55	Manager
10	manager12	Manager11	Manager
11	dee	dee	Customer

Berhasil
Data berhasil diupdate

ID	Username	Nama	Level Pengguna	Aksi
1	admin	Administrator	Administrator	[Detail] [Edit] [Hapus]
2	manager	Manager	Staff/Kasir	[Detail] [Edit] [Hapus]
3	staff	Staff/Kasir	Staff/Kasir	[Detail] [Edit] [Hapus]
4	customer-1	Pelanggan Pertama	Customer	[Detail] [Edit] [Hapus]
5	manager_dua	Manager 2	Manager	[Detail] [Edit] [Hapus]
6	manager_tiga	Manager 3	Manager	[Detail] [Edit] [Hapus]
7	manager22	Manager Dua Dua	Manager	[Detail] [Edit] [Hapus]
8	manager33	Manager Tiga Tiga	Manager	[Detail] [Edit] [Hapus]
9	manager56	Manager55	Manager	[Detail] [Edit] [Hapus]
10	manager12	Manager11	Manager	[Detail] [Edit] [Hapus]
11	dee	dee elmi	Customer	[Detail] [Edit] [Hapus]

Saat tombol Edit Ajax diklik, muncul modal form Bootstrap tanpa reload halaman. Form ini berisi input Level Pengguna, Username, Nama, dan Password, dengan pesan error otomatis jika ada kesalahan. Validasi dilakukan dengan jQuery Validation, dan data dikirim asinkron via Ajax. Setelah berhasil, modal tertutup, notifikasi muncul dengan SweetAlert, dan tabel pengguna langsung diperbarui.

Praktikum 3 - Modal Ajax Hapus Data (Data User)

1. Pada Praktikum 3 ini, kita akan melakukan koding untuk proses hapus menggunakan ajax.
2. Pertama-tama, kita ubah dulu `routes/web.php` untuk mengakomodir request halaman konfirmasi untuk menghapus data

```
Route::group(['prefix' => 'user'], function () {
    Route::get('/', [UserController::class, 'index']); // Menampilkan halaman awal user
    Route::post('/list', [UserController::class, 'list']); // Menampilkan data user dalam bentuk json untuk datatables
    Route::get('/create', [UserController::class, 'create']); // Menampilkan halaman form tambah user
    Route::post('/', [UserController::class, 'store']); // Menyimpan data user baru
    Route::get('/create_ajax', [UserController::class, 'create_ajax']); // Menampilkan halaman form tambah user Ajax
    Route::post('/ajax', [UserController::class, 'store_ajax']); // Menyimpan data user baru Ajax
    Route::get('/{id}', [UserController::class, 'show']); // Menampilkan detail user
    Route::get('/{id}/edit', [UserController::class, 'edit']); // Menampilkan halaman form edit user
    Route::put('/{id}', [UserController::class, 'update']); // Menyimpan perubahan data user
    Route::get('/{id}/edit_ajax', [UserController::class, 'edit_ajax']); // Menampilkan halaman form edit user Ajax
    Route::put('/{id}/update_ajax', [UserController::class, 'update_ajax']); // Menyimpan perubahan data user Ajax
    Route::get('/{id}/delete_ajax', [UserController::class, 'confirm_ajax']); // Untuk tampilkan form confirm delete user Ajax
    Route::delete('/{id}/delete_ajax', [UserController::class, 'delete_ajax']); // Untuk hapus data user Ajax
    Route::delete('/{id}', [UserController::class, 'destroy']); // Menghapus data user
});
```

⇒ Source code

```
49     Route::get('/{id}/edit_ajax', [UserController::class, 'edit_ajax']); // Menampilkan halaman form edit user Ajax
50     Route::put('/{id}/update_ajax', [UserController::class, 'update_ajax']); // Menyimpan perubahan data user Ajax
51     Route::get('/{id}/delete_ajax', [UserController::class, 'confirm_ajax']); // Untuk tampilkan form confirm delete user Ajax
      Route::delete('/{id}/delete_ajax', [UserController::class, 'delete_ajax']); // Untuk hapus data user Ajax
```

3. Kemudian kita buat fungsi `confirm_ajax()` pada `UserController.php`

```
public function confirm_ajax(string $id){
    $user = UserModel::find($id);

    return view('user.confirm_ajax', ['user' => $user]);
}
```

⇒ Source code

```
309     public function confirm_ajax(string $id) {
310         $user = UserModel::find($id);
311
312         return view('user.confirm_ajax', ['user' => $user]);
313     }
314
```

4. Selanjutnya kita view untuk konfirmasi hapus data dengan nama `user/confirm_ajax.blade.php`

```
@empty($user)
    <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">Kesalahan</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="alert alert-danger">
                    <h5><i class="icon fas fa-ban"></i> Kesalahan!!!</h5>
                    Data yang anda cari tidak ditemukan</div>
                    <a href="{{ url('/user') }}" class="btn btn-warning">Kembali</a>
                </div>
            </div>
        </div>
    </div>
@else
    <form action="{{ url('/user/' . $user->user_id . '/delete_ajax') }}" method="POST" id="form-
delete">
        @csrf

```

⇒ Source code

```
resources > views > user > confirm_ajaxblade.php > ...
1  @empty($user)
2  <div id="modal-master" class="modal-dialog modal-lg" role="document">
3      <div class="modal-content">
4          <div class="modal-header">
5              <h5 class="modal-title" id="exampleModallabel">Kesalahan</h5>
6              <button type="button" class="close" data-dismiss="modal" aria-label="Close">
7                  <span aria-hidden="true">&times;</span>
8              </button>
9          </div>
10         <div class="modal-body">
11             <div class="alert alert-danger">
12                 <h5><i class="icon fas fa-ban"></i> Kesalahan!!!</h5>
13                 Data yang anda cari tidak ditemukan
14             </div>
15             <a href="{{ url('/user') }}" class="btn btn-warning">Kembali</a>
16         </div>
17     </div>
18 </div>
19 @else
20 <form action="{{ url('/user/' . $user->user_id . '/delete_ajax') }}" method="POST" id="form-delete">
21     @csrf
22     @method('DELETE')
23     <div id="modal-master" class="modal-dialog modal-lg" role="document">
24         <div class="modal-content">
25             <div class="modal-header">
26                 <h5 class="modal-title" id="exampleModallabel">Hapus Data User</h5>
27                 <button type="button" class="close" data-dismiss="modal" aria-label="Close">
28                     <span aria-hidden="true">&times;</span>
29                 </button>
30             </div>
31             <div class="modal-body">
32                 <div class="alert alert-warning">
33                     <h5><i class="icon fas fa-ban"></i> Konfirmasi !!!</h5>
34                     Apakah Anda ingin menghapus data seperti di bawah ini?
35                 </div>
36             </div>
37         </div>
38     </div>
39 
```

5. Kemudian kita buat fungsi `delete_ajax()` pada `UserController.php` untuk mengakomodir *request* hapus data user

```
public function delete_ajax(Request $request, $id)
{
    // cek apakah request dari ajax
    if ($request->ajax() || $request->wantsJson()) {
        $user = UserModel::find($id);
        if ($user) {
            $user->delete();
            return response()->json([
                'status' => true,
                'message' => 'Data berhasil dihapus'
            ]);
        } else {
            return response()->json([
                'status' => false,
                'message' => 'Data tidak ditemukan'
            ]);
        }
    }
    return redirect('/');
}
```

⇒ Source code

```
315     public function delete_ajax(Request $request, $id)
316     {
317         // cek apakah request dari ajax
318         if ($request->ajax() || $request->wantsJson()) {
319             $user = UserModel::find($id);
320             if ($user) {
321                 $user->delete();
322                 return response()->json([
323                     'status' => true,
324                     'message' => 'Data berhasil dihapus'
325                 ]);
326             } else {
327                 return response()->json([
328                     'status' => false,
329                     'message' => 'Data tidak ditemukan'
330                 ]);
331             }
332         }
333
334         return redirect('/');
335     }
```

6. Setelah semua selesai, mari kita coba untuk melakukan percobaan dari koding yang telah kita lakukan.
7. Jangan lupa laporkan ke laporan jobsheet dan lakukan *commit* pada *repository git* kalian!!!

⇒ Halaman Browser

The screenshot shows a web application interface for managing users. On the left, there is a sidebar with various menu items: Dashboard, Data Pengguna, Level User, Data User (which is currently selected), Data Barang, Kategori Barang, Data Supplier, Data Barang, Data Transaksi, Stok Barang, and Transaksi Penjualan. The main content area has a title "Daftar User" and a subtitle "Daftar user yang terdaftar dalam sistem". A filter dropdown is set to "Semua". Below this is a table with columns "ID", "Username", "Level Pengguna", and "Nama". The table contains 11 entries, including "admin", "manager", "staff", "customer-1", "manager_dua", "manager_tiga", "manager22", "manager33", "manager56", "manager12", and "dee". To the right of the table is a "Aksi" (Actions) column with "Detail", "Edit", and "Hapus" buttons. A modal dialog titled "Hapus Data User" is displayed in the center. It contains a yellow header "Konfirmasi !!!" with the question "Apakah Anda ingin menghapus data seperti di bawah ini?". Inside the modal, it shows the details of the user "dee": "Level Pengguna: Customer", "Username: dee", and "Nama: dee elmi". At the bottom of the modal are two buttons: "Batal" (Cancel) and "Ya, Hapus" (Yes, Delete). The background of the main page shows the same table and sidebar.

This screenshot shows the same web application after a user has been deleted. The "Hapus Data User" modal is now closed, replaced by a new modal titled "Berhasil" with the message "Data berhasil dihapus". This success message is centered over the original table. The "OK" button at the bottom of this modal is highlighted with a blue border. The background table and sidebar remain the same as in the previous screenshot.

The screenshot shows a web application interface for managing users. On the left, there's a sidebar with various menu items like Dashboard, Data Pengguna, Level User, and Data User (which is currently selected). The main content area is titled "Daftar User" and displays a table of users. The table has columns for ID, Username, Name, Level Pengguna, and Aksi (Actions). Each user entry includes a "Detail" button (blue), an "Edit" button (yellow), and a "Hapus" button (red). The "Hapus" button is designed to trigger an Ajax confirmation dialog before deleting the user. The footer of the page includes copyright information and a version number.

ID	Username	Nama	Level Pengguna	Aksi
1	admin	Administrator	Administrator	[Detail] [Edit] [Hapus]
2	manager	Manager	Staff/Kasir	[Detail] [Edit] [Hapus]
3	staff	Staff/Kasir	Staff/Kasir	[Detail] [Edit] [Hapus]
4	customer-1	Pelanggan Pertama	Customer	[Detail] [Edit] [Hapus]
5	manager_dua	Manager 2	Manager	[Detail] [Edit] [Hapus]
6	manager_tiga	Manager 3	Manager	[Detail] [Edit] [Hapus]
7	manager22	Manager Dua Dua	Manager	[Detail] [Edit] [Hapus]
8	manager33	Manager Tiga Tiga	Manager	[Detail] [Edit] [Hapus]
9	manager56	Manager55	Manager	[Detail] [Edit] [Hapus]
10	manager12	Manager11	Manager	[Detail] [Edit] [Hapus]

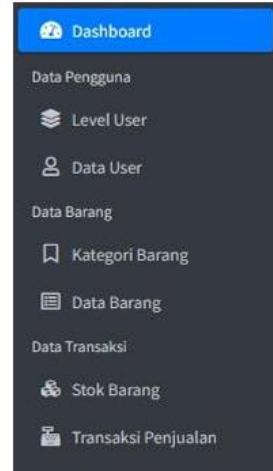
Tombol Hapus Ajax menampilkan modal konfirmasi hapus tanpa reload. Setelah data terhapus, modal otomatis tertutup, muncul notifikasi SweetAlert, dan tabel pengguna langsung diperbarui.

Tugas Jobsheet

Implementasikan koding untuk Ajax Form dan Client Validation dengan jQuery Validation pada menu berikut ini

- ✓ Tabel m_level
- ✓ Tabel m_kategori
- ✓ Tabel m_supplier
- ✓ Tabel m_barang

Laporkan pada laporan jobsheet dan Jangan lupa di commit dan push pada repository git kalian.



1. m_level

- create_ajax

```
resources > views > level >  create_ajax.blade.php >  script
1   <form action="{{ url('/level/ajax') }}" method="POST" id="form-tambah">
2     @csrf
3     <div id="modal-master" class="modal-dialog modal-lg" role="document">
4       <div class="modal-content">
5         <div class="modal-header">
6           <h5 class="modal-title" id="exampleModalLabel">Tambah Data Level</h5>
7           <button type="button" class="close" data-dismiss="modal" aria-label="Close"><span
8             aria-hidden="true">&times;</span></button>
9         </div>
10        <div class="modal-body">
11          <div class="form-group">
12            <label>Kode Level</label>
13            <input value="" type="text" name="level_kode" id="level_kode" class="form-control" required>
14            <small id="error-level_kode" class="error-text form-text text-danger"></small>
15          </div>
16          <div class="form-group">
17            <label>Nama Level</label>
18            <input value="" type="text" name="level_name" id="level_name" class="form-control" required>
19            <small id="error-level_name" class="error-text form-text text-danger"></small>
20          </div>
21        </div>
22        <div class="modal-footer">
23          <button type="button" data-dismiss="modal" class="btn btn-warning">Batal</button>
24          <button type="submit" class="btn btn-primary">Simpan</button>
25        </div>
26      </div>
27    </div>
28  </form>
```

- edit_ajax

```
resources > views > level >  edit_ajax.blade.php > ...
1   @empty($level)
2     <div id="modal-master" class="modal-dialog modal-lg" role="document">
3       <div class="modal-content">
4         <div class="modal-header">
5           <h5 class="modal-title" id="exampleModalLabel">Kesalahan</h5>
6
7           <button type="button" class="close" data-dismiss="modal" aria-label="Close"><span
8             aria-hidden="true">&times;</span></button>
9         </div>
10        <div class="modal-body">
11          <div class="alert alert-danger">
12            <i class="icon fas fa-ban"></i> Kesalahan!!!</h5>
13            Data yang anda cari tidak ditemukan
14          </div>
15          <a href="{{ url('/level') }}" class="btn btn-warning">Kembali</a>
16        </div>
17      </div>
18    </div>
19  @else
```

- confirm_ajax

```
resources > views > level > 🗑 confirm_ajax.blade.php > ...
1  @empty($level)
2      <div id="modal-master" class="modal-dialog modal-lg" role="document">
3          <div class="modal-content">
4              <div class="modal-header">
5                  <h5 class="modal-title" id="exampleModalLabel">Kesalahan</h5>
6                  <button type="button" class="close" data-dismiss="modal" aria-label="Close"><span
7                      aria-hidden="true">&times;</span></button>
8              </div>
9              <div class="modal-body">
10                 <div class="alert alert-danger">
11                     <i class="icon fas fa-ban"></i> Kesalahan!!!</h5>
12                     Data yang anda cari tidak ditemukan
13                 </div>
14                 <a href="{{ url('/level') }}" class="btn btn-warning">Kembali</a>
15             </div>
16         </div>
17     </div>
18 @else
19     <form action="{{ url('/level/' . $level->level_id . '/delete_ajax') }}" method="POST" id="form-delete">
20         @csrf
21         @method('DELETE')
22         <div id="modal-master" class="modal-dialog modal-lg" role="document">
23             <div class="modal-content">
24                 <div class="modal-header">
25                     <h5 class="modal-title" id="exampleModalLabel">Hapus Data Level</h5>
26                     <button type="button" class="close" data-dismiss="modal" aria-label="Close"><span
27                         aria-hidden="true">&times;</span></button>
28                 </div>

```

- index

```
resources > views > level > 🗑 index.blade.php > ⚙ script > ⌂ <function> > ⚡ dataLevel
1  @extends('layouts.template')
2
3  @section('content')
4      <div class="card card-outline card-primary">
5          <div class="card-header">
6              <h3 class="card-title">{{ $page->title }}</h3>
7              <div class="card-tools">
8                  <a class="btn btn-sm btn-primary mt-1" href="{{ url('level/create') }}">Tambah</a>
9                  <button onclick="modalAction('{{ url('level/create_ajax') }}'" class="btn btn-sm btn-success mt-1">Tambah Ajax</button>
10             </div>
11         </div>
12         <div class="card-body">
13             @if (session('success'))
14                 <div class="alert alert-success">{{ session('success') }}</div>
15             @endif
16             @if (session('error'))
17                 <div class="alert alert-danger">{{ session('error') }}</div>
18             @endif
19             <table class="table table-bordered table-hover table-sm" id="table_level">
20                 <thead>
21                     <tr>
22                         <th>ID</th>
23                         <th>Kode Level</th>
24                         <th>Nama Level</th>
25                         <th>Aksi</th>
26                     </tr>
27                 </thead>
28             </table>
29         </div>
30     <div id="myModal" class="modal fade animate shake" tabindex="-1" role="dialog"
31         data-backdrop="static" data-keyboard="false" data-width="75%" aria-hidden="true">
32     </div>
33     @endsection
34
35     @push('css')
36     <!-- Tambahkan custom CSS di sini jika diperlukan -->
37     @endpush
38
39     @push('js')
40     <script>
41         function modalAction(url = '') {
42             $('#myModal').load(url, function() {
43                 $('#myModal').modal('show');
44             });
45         }
46     </script>

```

- Controller

```
1  public function create_ajax()
2  {
3      return view('level.create_ajax');
4  }
5  public function store_ajax(Request $request)
6  {
7      if ($request->ajax()) {
8          $validator = Validator::make($request->all(), [
9              'level_kode' => 'required|string|max:5|unique:m_level.level_kode',
10             'level_nama' => 'required|string|max:100', // Perbaiki di sini
11         ]);
12
13         if ($validator->fails()) {
14             return response()->json(['status' => false, 'message' => 'Validasi Gagal', 'msgField' => $validator->errors()]);
15         }
16
17         LevelModel::create([
18             'level_kode' => $request->level_kode,
19             'level_nama' => $request->level_nama, // Perbaiki di sini
20         ]);
21
22         return response()->json(['status' => true, 'message' => 'Data level berhasil disimpan']);
23     }
24     return redirect('/');
25 }
26
27 public function edit_ajax(string $id)
28 {
29     return view('level.edit_ajax', ['level' => LevelModel::find($id)]);
30 }
31
32 public function update_ajax(Request $request, string $id)
33 {
34     if ($request->ajax()) {
35         $validator = Validator::make($request->all(), [
36             'level_kode' => 'required|string|max:5',
37             'level_name' => 'required|string|max:100',
38         ]);
39
40         if ($validator->fails()) {
41             return response()->json(['status' => false, 'message' => 'Validasi Gagal', 'msgField' => $validator->errors()]);
42         }
43
44         $level = LevelModel::find($id);
45         if ($level) {
46             $level->update($request->all());
47             return response()->json(['status' => true, 'message' => 'Data level berhasil diubah']);
48         }
49         return response()->json(['status' => false, 'message' => 'Data level tidak ditemukan']);
50     }
51     return redirect('/');
52 }
53
54 public function confirm_ajax(string $id)
55 {
56     return view('level.confirm_ajax', ['level' => LevelModel::find($id)]);
57 }
58
59 // Menghapus data Level
60 public function delete_ajax(Request $request, string $id)
61 {
62     if ($request->ajax()) {
63         $level = LevelModel::find($id);
64         if ($level) {
65             $level->delete();
66             return response()->json(['status' => true, 'message' => 'Data berhasil dihapus']);
67         }
68         return response()->json(['status' => false, 'message' => 'Data tidak ditemukan']);
69     }
70     return redirect('/');
71 }
72
73 }
```

- route

```
67 //route ajax
68 Route::get('/create_ajax', [LevelController::class, 'create_ajax']);
69 Route::post('/ajax', [LevelController::class, 'store_ajax']);
70 Route::get('/{id}/edit_ajax', [LevelController::class, 'edit_ajax']);
71 Route::put('/{id}/update_ajax', [LevelController::class, 'update_ajax']);
72 Route::get('/{id}/delete_ajax', [LevelController::class, 'confirm_ajax']);
73 Route::delete('/{id}/delete_ajax', [LevelController::class, 'delete_ajax']);
```

- Halaman Browser

Tambah Data Level

Kode Level
CST

Nama Level
deee

ID	Kode Level	Nama Level	Aksi
1	ADMIN		[Detail] [Edit] [Hapus]
2	MNG		[Detail] [Edit] [Hapus]
3	STF	Staff/Kasir	[Detail] [Edit] [Hapus]
4	CUS	Customer	[Detail] [Edit] [Hapus]
5	CUST	customerr	[Detail] [Edit] [Hapus]

Showing 1 to 5 of 5 entries

Copyright © 2014-2021 AdminLTE.io. All rights reserved.

Version 3.2.0

Daftar Level

Daftar level yang terdaftar dalam sistem

ID	Kode Level	Nama Level	Aksi
1	ADMIN		[Detail] [Edit] [Hapus]
2	MNG		[Detail] [Edit] [Hapus]
3	STF		[Detail] [Edit] [Hapus]
4	CUS		[Detail] [Edit] [Hapus]
5	CUST		[Detail] [Edit] [Hapus]

Showing 1 to 5 of 5 entries

Berhasil

Data level berhasil disimpan

OK

Copyright © 2014-2021 AdminLTE.io. All rights reserved.

Version 3.2.0

Screenshot of a web application showing the 'Edit Data Level' modal window. The modal has two input fields: 'Kode Level' containing 'KURIR' and 'Nama Level' containing 'kurir'. Below the modal is a table listing five level entries:

ID	Kode Level	Nama Level	Aksi
1	ADMIN	Administrator	[Detail] [Edit] [Hapus]
2	MNG	Manager	[Detail] [Edit] [Hapus]
3	STF	Staff/Kasir	[Detail] [Edit] [Hapus]
4	CUS	Customer	[Detail] [Edit] [Hapus]
5	CST	dee.elmi	[Detail] [Edit] [Hapus]

At the bottom right of the modal are 'Batal' and 'Simpan' buttons.

Copyright © 2014-2021 AdminLTE.io. All rights reserved.

Version 3.2.0

Screenshot of the same web application showing a success message in a modal window. The message says 'Berhasil' (Success) and 'Data level berhasil diubah' (Level data successfully changed). It features a large green checkmark icon. At the bottom right of the modal are 'OK' and 'Cancel' buttons.

Below the modal, the main table shows six level entries:

ID	Kode Level	Nama Level	Aksi
1	ADMIN	Administrator	[Detail] [Edit] [Hapus]
2	MNG	Manager	[Detail] [Edit] [Hapus]
3	STF	Staff/Kasir	[Detail] [Edit] [Hapus]
4	CUS	Customer	[Detail] [Edit] [Hapus]
5	CUST	Customer	[Detail] [Edit] [Hapus]
6	CST	dee.elmi	[Detail] [Edit] [Hapus]

At the bottom right of the main page are 'Previous' and 'Next' buttons.

Copyright © 2014-2021 AdminLTE.io. All rights reserved.

Version 3.2.0

Screenshot of a Laravel application showing a confirmation dialog for deleting a data level.

The dialog title is "Hapus Data Level". It contains a yellow warning box asking "Konfirmasi !!!" (Are you sure you want to delete the data like below?).

Below the dialog, the table shows a row for "Kode Level: CUST" and "Nama Level: customerr".

Buttons at the bottom of the dialog are "Batal" (Cancel) and "Ya, Hapus" (Yes, Delete).

ID	Kode Level	Nama Level	Aksi
1	ADMIN	Administrator	[Detail] [Edit] [Hapus]
2	MNG	Manager	[Detail] [Edit] [Hapus]
3	STF	Staff/Kasir	[Detail] [Edit] [Hapus]
4	CUS	Customer	[Detail] [Edit] [Hapus]
5	CUST	customerr	[Detail] [Edit] [Hapus]
6	CST	deee	[Detail] [Edit] [Hapus]

Copyright © 2014-2021 AdminLTE.io. All rights reserved.

Version 3.2.0

Screenshot of the same Laravel application after the deletion process has been completed.

A modal dialog box displays a green checkmark icon and the message "Berhasil" (Success). Below it, a smaller message says "Data berhasil dihapus" (Data has been deleted successfully).

At the bottom right of the modal is a blue "OK" button.

ID	Kode Level	Nama Level	Aksi
1	ADMIN	Administrator	[Detail] [Edit] [Hapus]
2	MNG	Manager	[Detail] [Edit] [Hapus]
3	STF	Staff/Kasir	[Detail] [Edit] [Hapus]
4	CUS	Customer	[Detail] [Edit] [Hapus]
5	CUST	customerr	[Detail] [Edit] [Hapus]
6	CST	deee	[Detail] [Edit] [Hapus]

Copyright © 2014-2021 AdminLTE.io. All rights reserved.

Version 3.2.0

2. m_kategori

- create_ajax

```
resources > views > kategori > 🗃 create_ajax.blade.php > ⚒ script > ⚒ <function>
 1   <form action="{{ url('/kategori/ajax') }}" method="POST" id="form-tambah">
 2     @csrf
 3     <div id="modal-master" class="modal-dialog modal-lg" role="document">
 4       <div class="modal-content">
 5         <div class="modal-header">
 6           <h5 class="modal-title" id="exampleModalLabel">Tambah Data Kategori</h5>
 7           <button type="button" class="close" data-dismiss="modal" aria-label="Close"><span
 8             aria-hidden="true">&times;</span></button>
 9         </div>
10         <div class="modal-body">
11           <div class="form-group">
12             <label>Kode Kategori</label>
13             <input value="" type="text" name="kategori_kode" id="kategori_kode" class="form-control" required>
14             <small id="error-kategori_kode" class="error-text form-text text-danger"></small>
15           </div>
16           <div class="form-group">
17             <label>Nama Kategori</label>
18             <input value="" type="text" name="kategori_nama" id="kategori_nama" class="form-control" required>
19             <small id="error-kategori_nama" class="error-text form-text text-danger"></small>
20           </div>
21         </div>
22         <div class="modal-footer">
23           <button type="button" data-dismiss="modal" class="btn btn-warning">Batal</button>
24           <button type="submit" class="btn btn-primary">Simpan</button>
25         </div>
26       </div>
27     </div>
28   </form>
```

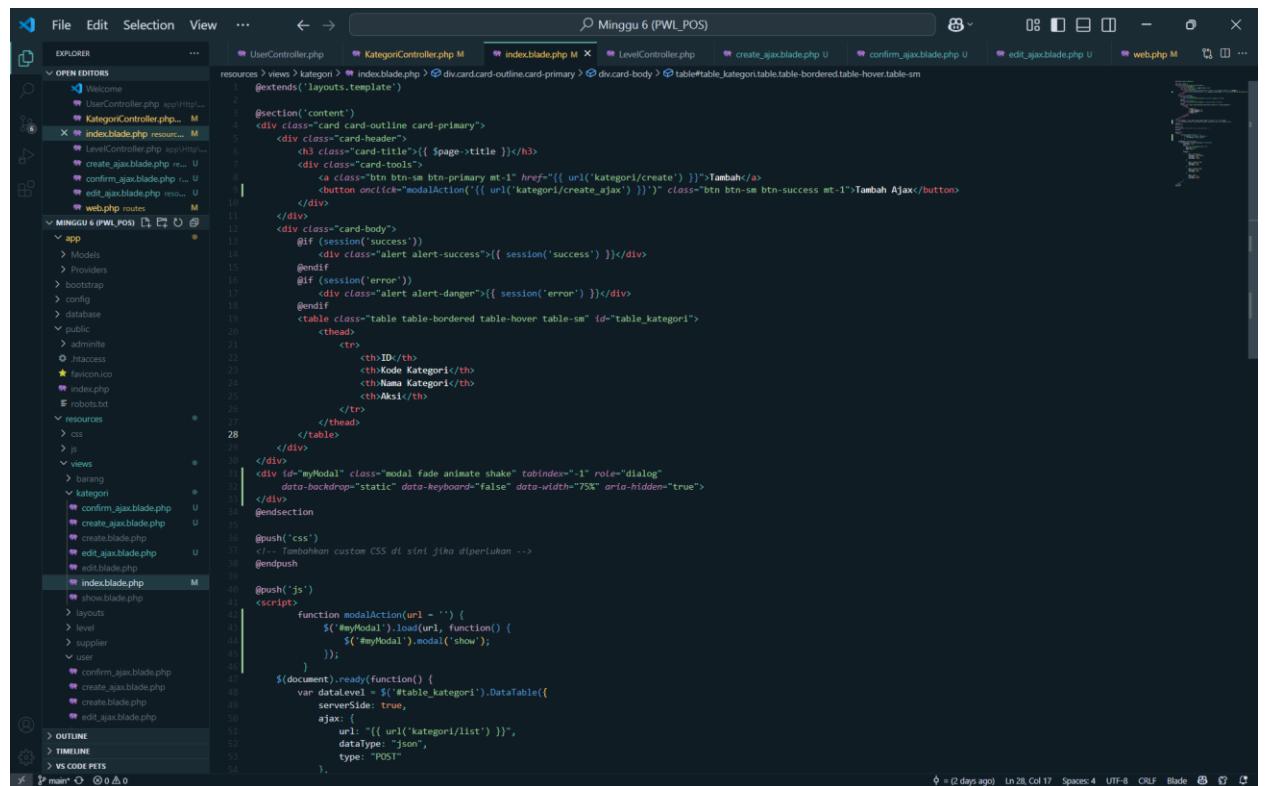
- edit_ajax

```
resources > views > kategori > 🗃 edit_ajax.blade.php > ...
 1   @empty($kategori)
 2     <div id="modal-master" class="modal-dialog modal-lg" role="document">
 3       <div class="modal-content">
 4         <div class="modal-header">
 5           <h5 class="modal-title" id="exampleModalLabel">Kesalahan!!</h5>
 6           <button type="button" class="close" data-dismiss="modal" aria-label="Close"><span
 7             aria-hidden="true">&times;</span></button>
 8         </div>
 9         <div class="modal-body">
10           <div class="alert alert-danger">
11             <h5><i class="icon fas fa-ban"></i> Kesalahan!!!</h5>
12             Data yang anda cari tidak ditemukan
13           </div>
14           <a href="{{ url('/kategori') }}" class="btn btn-warning">Kembali</a>
15         </div>
16       </div>
17     </div>
18   @else
19     <form action="{{ url('/kategori/' . $kategori->kategori_id . '/update_ajax') }}" method="POST" id="form-edit">
20       @csrf
21       @method('PUT')
22     </form>
```

- confirm_ajax

```
resources > views > kategori > 🗃 confirm_ajax.blade.php > ...
 1   @empty($kategori)
 2     <div id="modal-master" class="modal-dialog modal-lg" role="document">
 3       <div class="modal-content">
 4         <div class="modal-header">
 5           <h5 class="modal-title" id="exampleModalLabel">Kesalahan!!</h5>
 6           <button type="button" class="close" data-dismiss="modal" aria-label="Close"><span
 7             aria-hidden="true">&times;</span></button>
 8         </div>
 9         <div class="modal-body">
10           <div class="alert alert-danger">
11             <h5><i class="icon fas fa-ban"></i> Kesalahan!!!</h5>
12             Data yang anda cari tidak ditemukan
13           </div>
14           <a href="{{ url('/kategori') }}" class="btn btn-warning">Kembali</a>
15         </div>
16       </div>
17     </div>
18   @else
19     <form action="{{ url('/kategori/' . $kategori->kategori_id . '/delete_ajax') }}" method="POST" id="form-delete">
20       @csrf
21     </form>
```

- Index



The screenshot shows a code editor with a tab bar at the top labeled "MINGGU 6 (PWL_POS)". The main area displays a PHP file named "index.blade.php". The code is a Blade template with some PHP logic. It includes sections for card headers, card bodies, and tables. A modal dialog is also defined. The code editor has a dark theme with syntax highlighting for PHP and HTML.

```
<?php
@extends('layouts.template')

@section('content')
    <div class="card card-outline card-primary">
        <div class="card-header">
            <h3 class="card-title">({ $page->title })</h3>
            <div class="card-tools">
                <a class="btn btn-sm btn-primary mt-1" href="{{ url('kategori/create') }}>Tambah</a>
                <button onclick="modalAction('{{ url('kategori/create_ajax') }}')>Tambah Ajax</button>
            </div>
        </div>
        <div class="card-body">
            @if (session('success'))
                <div class="alert alert-success">{{ session('success') }}</div>
            @endif
            @if (session('error'))
                <div class="alert alert-danger">{{ session('error') }}</div>
            @endif
            <table class="table table-bordered table-hover table-sm" id="table_kategori">
                <thead>
                    <tr>
                        <th>ID</th>
                        <th>Kode Kategori</th>
                        <th>Nama Kategori</th>
                        <th>Aksi</th>
                    </tr>
                </thead>
                <tbody>
                    <tr>
                        <td>1</td>
                        <td>K001</td>
                        <td>Kategori 1</td>
                        <td><a href="#">Edit</a> <a href="#">Delete</a></td>
                    </tr>
                </tbody>
            </table>
        </div>
        <div id="myModal" class="modal fade animate shake" tabindex="-1" role="dialog"
            data-backdrop="static" data-keyboard="false" data-width="75%" aria-hidden="true">
            <div class="modal-dialog">
                <div class="modal-content">
                    <div class="modal-header">
                        <h4 class="modal-title">Modal Title</h4>
                    </div>
                    <div class="modal-body">
                        <form>
                            <div>
                                <label>Nama Kategori</label>
                                <input type="text" name="name" value="Kategori Baru"/>
                            </div>
                            <div>
                                <label>Kode Kategori</label>
                                <input type="text" name="kode" value="K002"/>
                            </div>
                            <div>
                                <label>Level</label>
                                <input type="text" name="level" value="1"/>
                            </div>
                            <div>
                                <label>Aksi</label>
                                <input type="text" name="aksi" value="Edit"/>
                            </div>
                        </form>
                    </div>
                    <div class="modal-footer">
                        <button type="button" class="btn btn-default" data-dismiss="modal"><span>Close</span></button>
                        <button type="button" class="btn btn-primary">Save changes</button>
                    </div>
                </div>
            </div>
        </div>
    @endsection

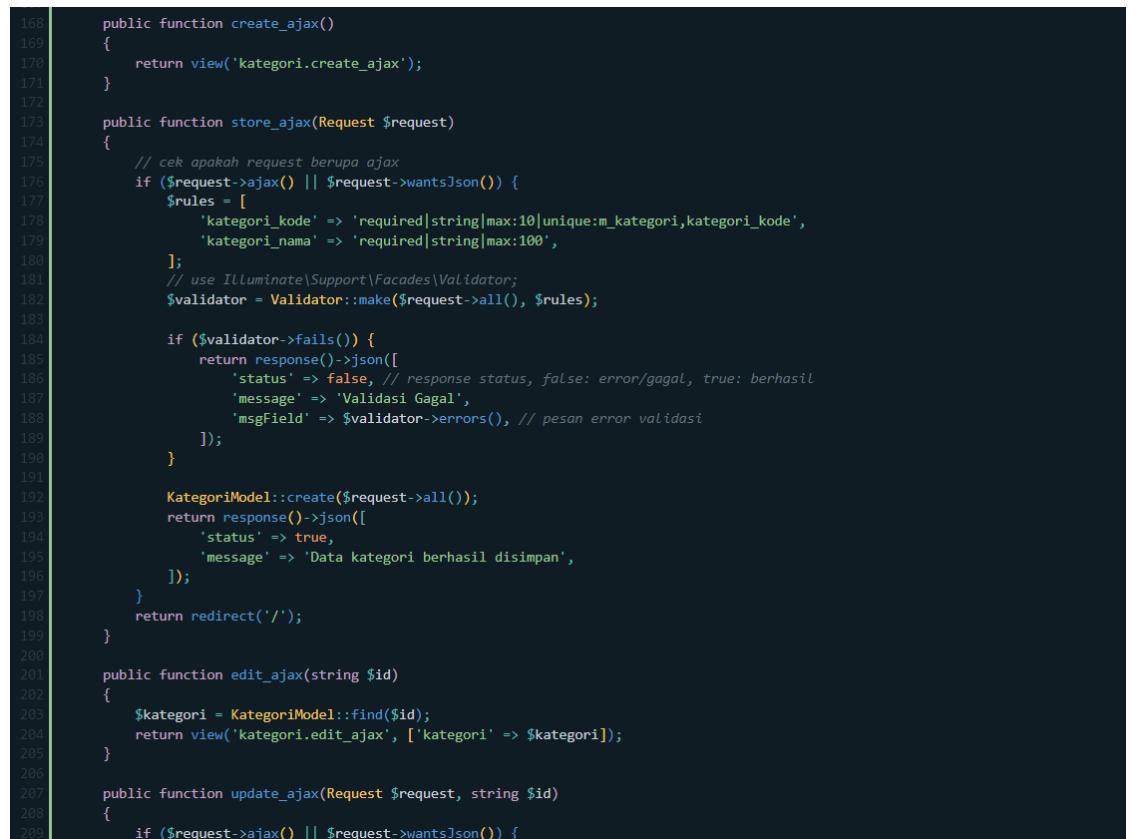
    @push('css')
        <!-- Tambahkan custom CSS di sini jika diperlukan -->
    @endpush

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

            $(document).ready(function() {
                var dataTable = $('#table_kategori').DataTable({
                    serverSide: true,
                    ajax: {
                        url: "{{ url('kategori/list') }}",
                        dataType: "json",
                        type: "POST"
                    }
                });
            });
        </script>
    @endpush

```

- Controller



The screenshot shows a code editor with a tab bar at the top labeled "MINGGU 6 (PWL_POS)". The main area displays a PHP file named "Controller.php". The code defines several methods for a controller, including "create_ajax()", "store_ajax()", "edit_ajax()", and "update_ajax()". These methods handle AJAX requests and return JSON responses. The code uses Laravel's Validator facade and the DataTables plugin for data tables.

```
168 public function create_ajax()
169 {
170     return view('kategori.create_ajax');
171 }
172
173 public function store_ajax(Request $request)
174 {
175     // cek apakah request berupa ajax
176     if ($request->ajax() || $request->wantsJson()) {
177         $rules = [
178             'kategori.kode' => 'required|string|max:10|unique:kategori,kategori.kode',
179             'kategori.nama' => 'required|string|max:100',
180         ];
181         // use Illuminate\Support\Facades\Validator;
182         $validator = Validator::make($request->all(), $rules);
183
184         if ($validator->fails()) {
185             return response()->json([
186                 'status' => false, // response status, false: error/gagal, true: berhasil
187                 'message' => 'Validasi Gagal',
188                 'msgField' => $validator->errors(), // pesan error validasi
189             ]);
190         }
191
192         KategoriModel::create($request->all());
193         return response()->json([
194             'status' => true,
195             'message' => 'Data kategori berhasil disimpan',
196         ]);
197     }
198     return redirect('/');
199 }
200
201 public function edit_ajax(string $id)
202 {
203     $kategori = KategoriModel::find($id);
204     return view('kategori.edit_ajax', [ 'kategori' => $kategori]);
205 }
206
207 public function update_ajax(Request $request, string $id)
208 {
209     if ($request->ajax() || $request->wantsJson()) {

```

- Route

```
86  
87     //route ajax  
88     Route::get('/create_ajax', [KategoriController::class, 'create_ajax']);  
89     Route::post('/ajax', [KategoriController::class, 'store_ajax']);  
90     Route::get('/{id}/edit_ajax', [KategoriController::class, 'edit_ajax']);  
91     Route::put('/{id}/update_ajax', [KategoriController::class, 'update_ajax']);  
92     Route::get('/{id}/delete_ajax', [KategoriController::class, 'confirm_ajax']);  
93     Route::delete('/{id}/delete_ajax', [KategoriController::class, 'delete_ajax']);
```

- Halaman Browser

Tambah Data Kategori

Kode Kategori

Nama Kategori

ID	Kode Kategori	Nama Kategori	Aksi
1	KAT001	Alat Tulis	[Detail] [Edit] [Hapus]
2	KAT002	Makanan	[Detail] [Edit] [Hapus]
3	KAT003	Minuman	[Detail] [Edit] [Hapus]
4	KAT004	Cemilan	[Detail] [Edit] [Hapus]
5	KAT005	Minuman Ringan	[Detail] [Edit] [Hapus]
6	CML	Sepatu	[Detail] [Edit] [Hapus]
7	MNR		[Detail] [Edit] [Hapus]
8	SPTU		[Detail] [Edit] [Hapus]

Showing 1 to 8 of 8 entries

Copyright © 2014-2021 AdminLTE.io. All rights reserved.

Version 3.2.0

Daftar Kategori

Berhasil

Data kategori berhasil disimpan

OK

Copyright © 2014-2021 AdminLTE.io. All rights reserved.

Version 3.2.0

PWL Laravel Starter Code danielmi/Pemrograman_Web_Laravel localhost / localhost / pwl_pos/ Laravel

localhost/Pemrograman_Web_Lanjut_2025/Minggu%206%20(PWL_POS)/public/kategori

AdminLTE 3

Daftar Kategori

Kode Kategori

MKNAN

Nama kategori

Nasi Goreng

ID 1: Kode Kategori

ID	Kode Kategori	Nama Kategori	Aksi
1	KAT001	Alat Tulis	[Detail] [Edit] [Hapus]
2	KAT002	Makanan	[Detail] [Edit] [Hapus]
3	KAT003	Minuman	[Detail] [Edit] [Hapus]
4	KAT004	Cemilan	[Detail] [Edit] [Hapus]
5	KAT005	Minuman Ringan	[Detail] [Edit] [Hapus]
6	CML	Sepatu	[Detail] [Edit] [Hapus]
7	MNR	Products	[Detail] [Edit] [Hapus]
8	SPTU		[Detail] [Edit] [Hapus]
9	KAT000		[Detail] [Edit] [Hapus]

Batal Simpan

Showing 1 to 9 of 9 entries

Previous 1 Next

Copyright © 2014-2021 AdminLTE.io. All rights reserved.

Version 3.2.0

PWL Laravel Starter Code danielmi/Pemrograman_Web_Laravel localhost / localhost / pwl_pos/ Laravel

localhost/Pemrograman_Web_Lanjut_2025/Minggu%206%20(PWL_POS)/public/kategori

AdminLTE 3

Daftar Kategori

Daftar kategori yang terdaftar dalam sistem

Show 10 entries

ID	Kode Kategori	Nama Kategori	Aksi
1	KAT001	Electronics	[Detail] [Edit] [Hapus]
2	KAT002	Books	[Detail] [Edit] [Hapus]
3	KAT003	Food	[Detail] [Edit] [Hapus]
4	KAT004	Drinks	[Detail] [Edit] [Hapus]
5	KAT005	Snacks	[Detail] [Edit] [Hapus]
6	CML	Footwear	[Detail] [Edit] [Hapus]
7	MNR	Products	[Detail] [Edit] [Hapus]
8	SPTU		[Detail] [Edit] [Hapus]
9	KAT000		[Detail] [Edit] [Hapus]

Berhasil

Data kategori berhasil diubah

OK

Showing 1 to 9 of 9 entries

Previous 1 Next

Copyright © 2014-2021 AdminLTE.io. All rights reserved.

Version 3.2.0

Screenshot of a Laravel application showing a confirmation dialog for deleting a category.

The dialog title is "Hapus Data Kategori". The message asks if the user wants to delete the data. It shows the category details: Kode kategori: MKNA, Nama kategori: Nasi Goreng.

Table of categories:

ID	Kode Kategori	Nama Kategori	Aksi
1	KAT001	Alat Tulis	[Detail] [Edit] [Hapus]
2	KAT002	Makanan	[Detail] [Edit] [Hapus]
3	KAT003	Minuman	[Detail] [Edit] [Hapus]
4	KAT004	Cemilan	[Detail] [Edit] [Hapus]
5	KAT005	Minuman Ringan	[Detail] [Edit] [Hapus]
6	CML	Sepatu	[Detail] [Edit] [Hapus]
7	MNR	Nasi Goreng	[Detail] [Edit] [Hapus]
8	SPTU		[Detail] [Edit] [Hapus]
9	MKNA		[Detail] [Edit] [Hapus]

Buttons: Batal (Cancel) and Ya, Hapus (Yes, Delete).

Screenshot of the same Laravel application after the deletion process has completed.

The confirmation dialog message is "Data berhasil dihapus" (Data deleted successfully) with a green checkmark icon.

Table of categories (same data as previous screenshot):

ID	Kode Kategori	Nama Kategori	Aksi
1	KAT001	Alat Tulis	[Detail] [Edit] [Hapus]
2	KAT002	Makanan	[Detail] [Edit] [Hapus]
3	KAT003	Minuman	[Detail] [Edit] [Hapus]
4	KAT004	Cemilan	[Detail] [Edit] [Hapus]
5	KAT005	Minuman Ringan	[Detail] [Edit] [Hapus]
6	CML	Sepatu	[Detail] [Edit] [Hapus]
7	MNR	Nasi Goreng	[Detail] [Edit] [Hapus]
8	SPTU		[Detail] [Edit] [Hapus]
9	MKNA		[Detail] [Edit] [Hapus]

Buttons: OK.

3. m_supplier

- create_ajax

```
resources > views > supplier >  create_ajax.blade.php >  script
1  <form action="{{ url('/supplier/ajax') }}" method="POST" id="form-tambah">
2    @csrf
3    <div id="modal-master" class="modal-dialog modal-lg" role="document">
4      <div class="modal-content">
5        <div class="modal-header">
6          <h5 class="modal-title" id="exampleModalLabel">Tambah Data Supplier</h5>
7          <button type="button" class="close" data-dismiss="modal" aria-label="Close"><span
8            aria-hidden="true">&times;</span></button>
9        </div>
10       <div class="modal-body">
11         <div class="form-group">
12           <label>Kode Supplier</label>
13           <input value="" type="text" name="supplier_kode" id="supplier_kode" class="form-control" required>
14           <small id="error-supplier_kode" class="error-text form-text text-danger"></small>
15         </div>
16         <div class="form-group">
17           <label>Nama Supplier</label>
18           <input value="" type="text" name="supplier_nama" id="supplier_nama" class="form-control" required>
19           <small id="error-supplier_nama" class="error-text form-text text-danger"></small>
20         </div>
21         <div class="form-group">
22           <label>Alamat Supplier</label>
23           <input value="" type="text" name="supplier_alamat" id="supplier_alamat" class="form-control" required>
24           <small id="error-supplier_alamat" class="error-text form-text text-danger"></small>
25         </div>
26       </div>
27       <div class="modal-footer">
28         <button type="button" data-dismiss="modal" class="btn btn-warning">Batal</button>
29         <button type="submit" class="btn btn-primary">Simpan</button>
30       </div>
31     </div>
32   </div>
33 </form>
```

- edit_ajax

```
resources > views > supplier >  edit_ajax.blade.php > ...
1  @empty($supplier)
2    <div id="modal-master" class="modal-dialog modal-lg" role="document">
3      <div class="modal-content">
4        <div class="modal-header">
5          <h5 class="modal-title" id="exampleModalLabel">Kesalahan</h5>
6          <button type="button" class="close" data-dismiss="modal" aria-label="Close"><span
7            aria-hidden="true">&times;</span></button>
8        </div>
9        <div class="modal-body">
10          <div class="alert alert-danger">
11            <h5><i class="icon fas fa-ban"></i> Kesalahan!!!</h5>
12            Data yang anda cari tidak ditemukan
13          </div>
14          <a href="{{ url('/supplier') }}" class="btn btn-warning">Kembali</a>
15        </div>
16      </div>
17    </div>
18  @else
19    <form action="{{ url('/supplier/' . $supplier->supplier_id . '/update_ajax') }}" method="POST" id="form-edit">
20      @csrf
21      @method('PUT')
22      <div id="modal-master" class="modal-dialog modal-lg" role="document">
23        <div class="modal-content">
24          <div class="modal-header">
25            <h5 class="modal-title" id="exampleModalLabel">Edit Data Supplier</h5>
26            <button type="button" class="close" data-dismiss="modal" aria-label="Close"><span
27              aria-hidden="true">&times;</span></button>
28          </div>
```

- confirm_ajax

```
resources > views > supplier > confirm_ajax.blade.php > ...
1  @empty($supplier)
2      <div id="modal-master" class="modal-dialog modal-lg" role="document">
3          <div class="modal-content">
4              <div class="modal-header">
5                  <h5 class="modal-title" id="exampleModallabel">Kesalahan</h5>
6                  <button type="button" class="close" data-dismiss="modal" aria-label="Close"><span
7                      aria-hidden="true">&times;</span></button>
8              </div>
9              <div class="modal-body">
10                 <div class="alert alert-danger">
11                     <h5><i class="icon fas fa-ban"></i> Kesalahan!!!</h5>
12                     Data yang anda cari tidak ditemukan
13                 </div>
14                 <a href="{{ url('supplier') }}" class="btn btn-warning">Kembali</a>
15             </div>
16         </div>
17     </div>
18 @else
19     <form action="{{ url('/supplier/' . $supplier->supplier_id . '/delete_ajax') }}" method="POST" id="form-delete">
20         @csrf
21         @method('DELETE')
22         <div id="modal-master" class="modal-dialog modal-lg" role="document">
```

index

The screenshot shows the Minggu 6 PWL_POS application interface. The top navigation bar includes File, Edit, Selection, View, and a back/forward button. The title bar reads "Minggu 6 (PWL_POS)". The left sidebar displays the project structure under "OPEN EDITORS". The main editor area contains the "SupplierController.php" file, which is a PHP script using the Blade templating engine. It includes sections for creating, confirming, and editing suppliers via Ajax. The code uses Bootstrap classes for styling. A modal dialog is defined for adding new suppliers. The bottom status bar indicates the file has been modified ("D 2 days ago"), and shows other file tabs like "index.blade.php" and "SupplierController.php".

```
File Edit Selection View ... ← → Minggu 6 (PWL_POS)
explorer OPEN EDITORS
resources > views > supplier > index.blade.php ... @extends('layouts.template')
    @section('content')
        <div class="card card-outline card-primary">
            <div class="card-header">
                <h3>{{ $page->title }}</h3>
            <div class="card-tools">
                <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>
            </div>
        </div>
        <div class="card-body">
            @if (session('success'))
                <div class="alert alert-success">{{ session('success') }}</div>
            @endif
            @if (session('error'))
                <div class="alert alert-danger">{{ session('error') }}</div>
            @endif
            <table class="table table-bordered table-hover table-sm" id="table_supplier">
                <thead>
                    <tr>
                        <th>ID</th>
                        <th>Kode Supplier</th>
                        <th>Nama Supplier</th>
                        <th>Alamat Supplier</th>
                        <th>Aksi</th>
                    </tr>
                </thead>
                <tbody>
                </tbody>
            </table>
        </div>
        <div id="myModal" class="modal fade animate shake" tabindex="-1" role="dialog" data-backdrop="static" data-keyboard="false" data-width="75%" aria-hidden="true">
            <div>
                ...
            </div>
        </div>
    @endsection

    @push('css')
        <!-- Tambahkan custom CSS di sini jika diperlukan -->
    @endpush

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

```

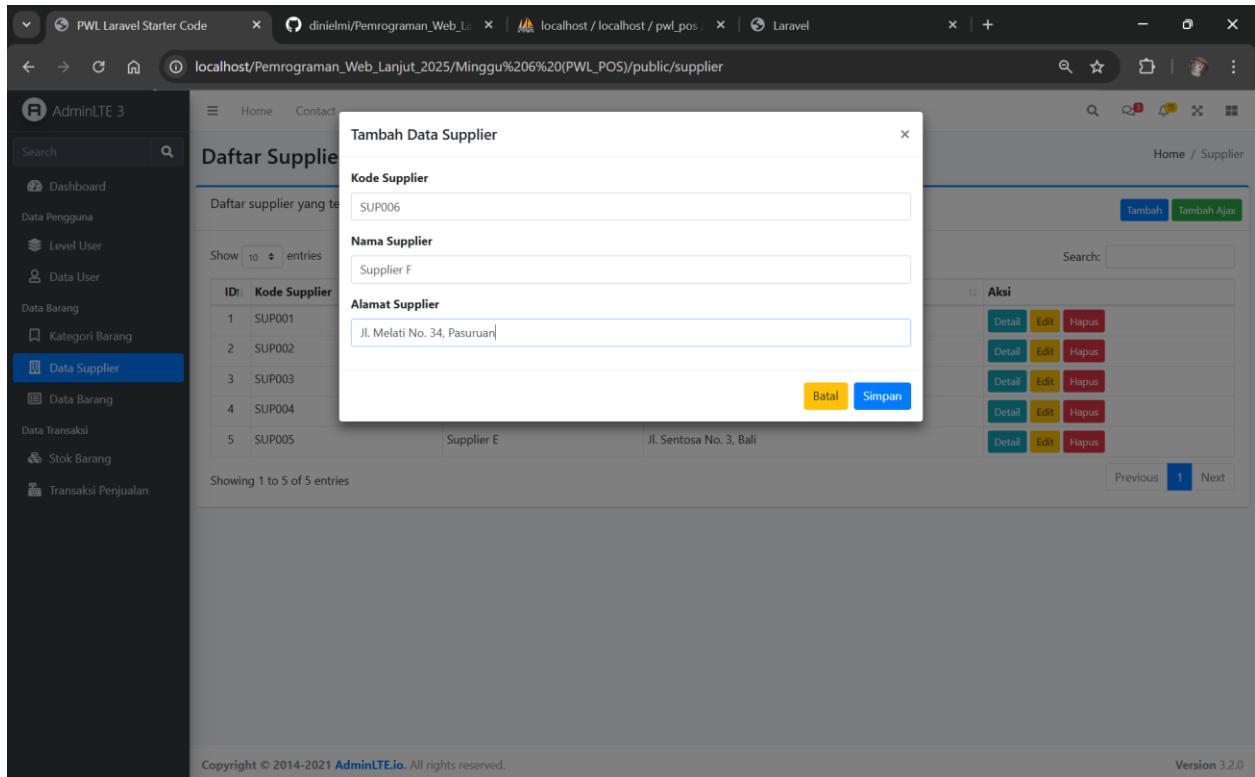
controller

```
176
177     public function create_ajax()
178     {
179         return view('supplier.create_ajax');
180     }
181
182     public function store_ajax(Request $request)
183     {
184         // cek apakah request berupa ajax
185         if ($request->ajax() || $request->wantsJson()) {
186             $rules = [
187                 'supplier_kode' => 'required|string|max:10|unique:m_supplier,supplier_kode',
188                 'supplier_nama' => 'required|string|max:100',
189                 'supplier_alamat' => 'required|string|max:255',
190             ];
191             // use Illuminate\Support\Facades\Validator;
192             $validator = Validator::make($request->all(), $rules);
193
194             if ($validator->fails()) {
195                 return response()->json([
196                     'status' => false, // response status, false: error/gagal, true: berhasil
197                     'message' => 'Validasi Gagal',
198                     'msgField' => $validator->errors(), // pesan error validasi
199                 ]);
200             }
201
202             SupplierModel::create($request->all());
203             return response()->json([
204                 'status' => true,
205                 'message' => 'Data supplier berhasil disimpan',
206             ]);
207         }
208         return redirect('/');
209     }
210
211     public function edit_ajax(string $id)
212     {
```

- route

```
7 //route ajax
8 Route::get('/create_ajax', [SupplierController::class, 'create_ajax']);
9 Route::post('/ajax', [SupplierController::class, 'store_ajax']);
10 Route::get('/{id}/edit_ajax', [SupplierController::class, 'edit_ajax']);
11 Route::put('/{id}/update_ajax', [SupplierController::class, 'update_ajax']);
12 Route::get('/{id}/delete_ajax', [SupplierController::class, 'confirm_ajax']);
13 Route::delete('/{id}/delete_ajax', [SupplierController::class, 'delete_ajax']);
```

- halaman browser



Tambah Data Supplier

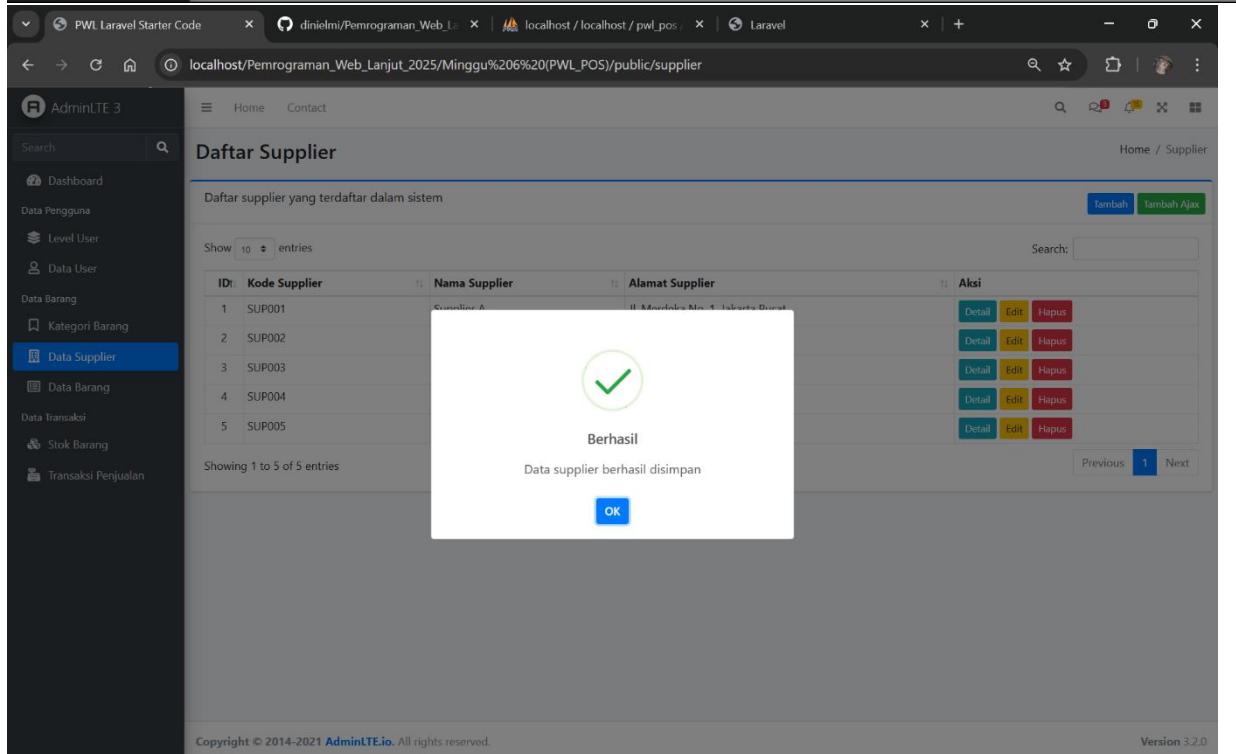
Kode Supplier
SUP006

Nama Supplier
Supplier F

Alamat Supplier
Jl. Melati No. 34, Pasuruan

Batal Simpan

ID	Kode Supplier	Nama Supplier	Alamat Supplier	Aksi
1	SUP001	Supplier E	Jl. Sentosa No. 3, Bali	[Detail] [Edit] [Hapus]
2	SUP002			[Detail] [Edit] [Hapus]
3	SUP003			[Detail] [Edit] [Hapus]
4	SUP004			[Detail] [Edit] [Hapus]
5	SUP005			[Detail] [Edit] [Hapus]



Berhasil

Data supplier berhasil disimpan

OK

Copyright © 2014-2021 AdminLTE.io. All rights reserved.

Version 3.2.0

Screenshot of the "Edit Data Supplier" modal window:

Edit Data Supplier

Kode Supplier: SUP006

Nama Supplier: Supplier F

Alamat Supplier: Jl. Melati No. 34, Malang

Aksi buttons: Detail, Edit, Hapus

Batal and **Simpan** buttons

Main page table (Daftar Supplier) showing 6 entries:

ID	Kode Supplier	Nama Supplier	Alamat Supplier	Aksi
1	SUP001	Supplier A	Jl. Sentosa No. 3, Bali	[Detail, Edit, Hapus]
2	SUP002	Supplier B	Jl. Merdeka No. 1, Jakarta Pusat	[Detail, Edit, Hapus]
3	SUP003	Supplier C	Jl. Jendral Sudirman No. 101, Jakarta Selatan	[Detail, Edit, Hapus]
4	SUP004	Supplier D	Jl. Gajah Mada No. 10, Yogyakarta	[Detail, Edit, Hapus]
5	SUP005	Supplier E	Jl. Sentosa No. 3, Bali	[Detail, Edit, Hapus]
6	SUP006	Supplier F	Jl. Melati No. 34, Malang	[Detail, Edit, Hapus]

Copyright © 2014-2021 AdminLTE.io. All rights reserved.

Version 3.2.0

Screenshot of the "Daftar Supplier" page after successful update:

Daftar Supplier

Berhasil message with a green checkmark icon.

Data supplier berhasil diubah

OK button

Main page table (Daftar Supplier) showing 6 entries:

ID	Kode Supplier	Nama Supplier	Alamat Supplier	Aksi
1	SUP001	Supplier A	Jl. Sentosa No. 3, Bali	[Detail, Edit, Hapus]
2	SUP002	Supplier B	Jl. Merdeka No. 1, Jakarta Pusat	[Detail, Edit, Hapus]
3	SUP003	Supplier C	Jl. Jendral Sudirman No. 101, Jakarta Selatan	[Detail, Edit, Hapus]
4	SUP004	Supplier D	Jl. Gajah Mada No. 10, Yogyakarta	[Detail, Edit, Hapus]
5	SUP005	Supplier E	Jl. Sentosa No. 3, Bali	[Detail, Edit, Hapus]
6	SUP006	Supplier F	Jl. Melati No. 34, Malang	[Detail, Edit, Hapus]

Copyright © 2014-2021 AdminLTE.io. All rights reserved.

Version 3.2.0

Screenshot of a Laravel application showing a confirmation dialog for deleting a supplier.

The modal title is "Hapus Data Supplier". The message inside says "Konfirmasi !!! Apakah Anda ingin menghapus data seperti di bawah ini?".

Supplier details shown:

- Kode Supplier : SUP006
- Nama Supplier : Supplier F
- Alamat Supplier : Jl. Melati No. 34, Malang

Buttons at the bottom of the modal: "Batal" (Cancel) and "Ya, Hapus" (Yes, Delete).

The background page shows a table of suppliers with columns: ID, Kode Supplier, Nama Supplier, Alamat Supplier, and Aksi (Actions). The table has 6 entries.

Screenshot of the same Laravel application after the deletion process.

A modal window displays a green checkmark icon and the text "Berhasil" (Successful). Below it, a message says "Data berhasil dihapus" (Data was successfully deleted).

Buttons at the bottom of the modal: "OK".

The background page shows the same table of suppliers, but the row for "Supplier F" is now missing, indicating it has been deleted.

4. m_barang

- create_ajax

```
resources > views > barang >  create_ajax.blade.php >  script >  <function>
  1  <form action="{{ url('/barang/ajax') }}" method="POST" id="form-tambah">
  2    @csrf
  3    <div id="modal-master" class="modal-dialog modal-lg" role="document">
  4      <div class="modal-content">
  5        <div class="modal-header">
  6          <h5 class="modal-title" id="exampleModalLabel">Tambah Data Barang</h5>
  7          <button type="button" class="close" data-dismiss="modal" aria-label="Close"><span
  8            aria-hidden="true">&times;</span></button>
  9        </div>
10        <div class="modal-body">
11          <div class="form-group">
12            <label>Kategori</label>
13            <select name="kategori_id" id="kategori_id" class="form-control" required>
14              <option value="">- Pilih Kategori -</option>
15              @foreach ($kategori as $l)
16                <option value="{{ $l->kategori_id }}>{{ $l->kategori_nama }}</option>
17              @endforeach
18            </select>
19            <small id="error-kategori_id" class="error-text form-text text-danger"></small>
20          </div>
21          <div class="form-group">
22            <label>Kode Barang</label>
23            <input value="" type="text" name="barang_kode" id="barang_kode" class="form-control" required>
24            <small id="error-barang_kode" class="error-text form-text text-danger"></small>
25          </div>
26          <div class="form-group">
27            <label>Nama Barang</label>
28            <input value="" type="text" name="barang_nama" id="barang_nama" class="form-control" required>
29            <small id="error-barang_nama" class="error-text form-text text-danger"></small>
30          </div>
31          <div class="form-group">
32            <label>Harga Beli</label>
33            <input value="" type="text" name="harga_beli" id="harga_beli" class="form-control" required>
34            <small id="error-harga_beli" class="error-text form-text text-danger"></small>
35          </div>
36          <div class="form-group">
37            <label>Harga Jual</label>
38            <input value="" type="text" name="harga_jual" id="harga_jual" class="form-control" required>
39            <small id="error-harga_jual" class="error-text form-text text-danger"></small>
40          </div>
41        </div>
42        <div class="modal-footer">
43          <button type="button" data-dismiss="modal" class="btn btn-warning">Batal</button>
44          <button type="submit" class="btn btn-primary">Simpan</button>
45        </div>
46      </div>

```

- edit_ajax

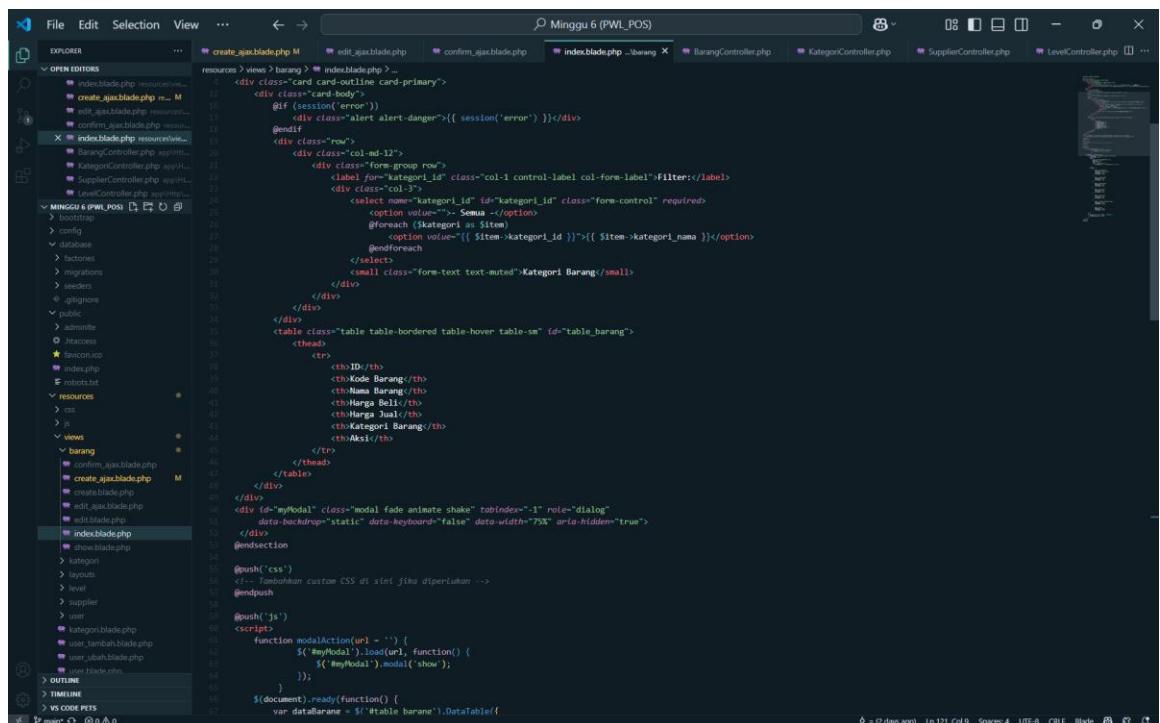
```
resources > views > barang >  edit_ajax.blade.php > ...
  1  <form action="{{ url('/barang/' . $barang->barang_id . '/update_ajax') }}" method="POST" id="form-edit">
  2    <div id="modal-master" class="modal-dialog modal-lg" role="document">
  3      <div class="modal-content">
  4        <div class="modal-body">
  5          <div class="form-group" required>
  6            <small id="error-barang_nama" class="error-text form-text text-danger"></small>
  7          </div>
  8          <div class="form-group">
  9            <label>Harga Beli</label>
 10            <input value="{{ $barang->harga_beli }}" type="text" name="harga_beli" id="harga_beli" class="form-control"
 11              required>
 12            <small id="error-harga_beli" class="error-text form-text text-danger"></small>
 13          </div>
 14          <div class="form-group">
 15            <label>Harga Jual</label>
 16            <input value="{{ $barang->harga_jual }}" type="text" name="harga_jual" id="harga_jual" class="form-control"
 17              required>
 18            <small id="error-harga_jual" class="error-text form-text text-danger"></small>
 19          </div>
 20        </div>
 21        <div class="modal-footer">
 22          <button type="button" data-dismiss="modal" class="btn btn-warning">Batal</button>
 23          <button type="submit" class="btn btn-primary">Simpan</button>
 24        </div>

```

- confirm_ajax

```
resources > views > barang > 🗑 confirm_ajax.blade.php > ...
1  @empty($barang)
2      <div id="modal-master" class="modal-dialog modal-lg" role="document">
3          <div class="modal-content">
4              <div class="modal-header">
5                  <h5 class="modal-title" id="exampleModallabel">Kesalahan</h5>
6                  <button type="button" class="close" data-dismiss="modal" aria-label="Close"><span
7                      aria-hidden="true">&times;</span></button>
8              </div>
9              <div class="modal-body">
10                 <div class="alert alert-danger">
11                     <h5><i class="icon fas fa-ban"></i> Kesalahan!!!</h5>
12                     Data yang anda cari tidak ditemukan
13                 </div>
14                 <a href="{{ url('/barang') }}" class="btn btn-warning">Kembali</a>
15             </div>
16         </div>
17     </div>
18 @else
```

- index



- controller

```
201     public function create_ajax()
202     {
203         $kategori = KategoriModel::select('kategori_id', 'kategori_nama')->get();
204         return view('barang.create_ajax')
205             ->with('kategori', $kategori);
206     }
207
208
209     public function store_ajax(Request $request)
210     {
211         // cek apakah request berupa ajax
212         if ($request->ajax() || $request->wantsJson()) {
213             $rules = [
214                 'barang_kode' => 'required|string|max:10|unique:m_barang,barang_kode',
215                 'barang_nama' => 'required|string|max:100',
216                 'kategori_id' => 'required|integer',
217                 'harga_beli' => 'required|integer',
218                 'harga_jual' => 'required|integer',
219             ];
220             // use Illuminate\Support\Facades\Validator;
221             $validator = Validator::make($request->all(), $rules);
222
223             if ($validator->fails()) {
224                 return response()->json([
225                     'status' => false, // response status, false: error/gagal, true: berhasil
226                     'message' => 'Validasi Gagal',
227                     'msgField' => $validator->errors(), // pesan error validasi
228                 ]);
229             }
230             BarangModel::create($request->all());
231             return response()->json([
232                 'status' => true,
233                 'message' => 'Data Barang berhasil disimpan',
234             ]);
235         }
236     }
```

- route

```

127     //route ajax
128     Route::get('/create_ajax', [BarangController::class, 'create_ajax']);
129     Route::post('/ajax', [BarangController::class, 'store_ajax']);
130     Route::get('/{id}/edit_ajax', [BarangController::class, 'edit_ajax']);
131     Route::put('/{id}/update_ajax', [BarangController::class, 'update_ajax']);
132     Route::get('/{id}/delete_ajax', [BarangController::class, 'confirm_ajax']);
133     Route::delete('/{id}/delete_ajax', [BarangController::class, 'delete_ajax']);

```

- halaman browser

ID	Kode Barang	Nama	Harga Beli	Harga Jual
1	BRG001	Laptop	2500	3500
2	BRG002	Smartphone	1500	3000
3	BRG003	T-Shirt	150000	250000
4	BRG004	Celana	100000	150000
5	BRG005	Pulpen	2500	3500
6	BRG006	Buku Teks	1500	3000
7	BRG007	Mie Instan	2500	3500
8	BRG008	Air Mineral	1500	3000
9	BRG009	Keyboard	150000	250000
10	BRG010	Mouse	100000	150000

ID	Kode Barang	Nama	Harga Beli	Harga Jual
1	BRG001	Laptop	2500	3500
2	BRG002	Smartphone	1500	3000
3	BRG003	T-Shirt	150000	250000
4	BRG004	Celana	100000	150000
5	BRG005	Pulpen	2500	3500
6	BRG006	Buku Teks	1500	3000
7	BRG007	Mie Instan	2500	3500
8	BRG008	Air Mineral	1500	3000
9	BRG009	Keyboard	150000	250000
10	BRG010	Mouse	100000	150000

PWL Laravel Starter Code | danielmi/Pemrograman_Web_Lanjut_2025/Minggu%206%20(PWL_POS)/public/barang | localhost / localhost / pwl_pos / | Laravel

Daftar Barang

Kategori: Electronics

ID	Kode Barang	Nama Barang	Harga Beli	Harga Jual	Aksi
1	BRG001	Computer	9000000	18000000	[Detail] [Edit] [Hapus]
2	BRG002	Air Mineral	1500	3000	[Detail] [Edit] [Hapus]
3	BRG003	Keyboard	150000	250000	[Detail] [Edit] [Hapus]
4	BRG004	Mouse	100000	150000	[Detail] [Edit] [Hapus]
5	BRG005	Computer	9000000	18000000	[Detail] [Edit] [Hapus]
6	BRG006	Minuman			[Detail] [Edit] [Hapus]
7	BRG007				[Detail] [Edit] [Hapus]
8	BRG008				[Detail] [Edit] [Hapus]
9	BRG009				[Detail] [Edit] [Hapus]
10	BRG010				[Detail] [Edit] [Hapus]
11	BRG000				[Detail] [Edit] [Hapus]

Showing 1 to 11 of 11 entries

Batal Simpan

Copyright © 2014-2021 AdminLTE.io. All rights reserved.

Version 3.2.0

PWL Laravel Starter Code | danielmi/Pemrograman_Web_Lanjut_2025/Minggu%206%20(PWL_POS)/public/barang | localhost / localhost / pwl_pos / | Laravel

Daftar Barang

Kategori: - Semua -

ID	Kode Barang	Nama Barang	Kategori Barang	Aksi
1	BRG001	Laptop	Electronics	[Detail] [Edit] [Hapus]
2	BRG002	Smartphone	Electronics	[Detail] [Edit] [Hapus]
3	BRG003	T-Shirt	Pakaian	[Detail] [Edit] [Hapus]
4	BRG004	Celana	Pakaian	[Detail] [Edit] [Hapus]
5	BRG005	Pulpen	Alat Tulis	[Detail] [Edit] [Hapus]
6	BRG006	Buku Teks	Alat Tulis	[Detail] [Edit] [Hapus]
7	BRG007	Mie Instan	Makanan	[Detail] [Edit] [Hapus]
8	BRG008	Air Mineral	Minuman	[Detail] [Edit] [Hapus]
9	BRG009	Keyboard	Electronics	[Detail] [Edit] [Hapus]
10	BRG010	Mouse	Electronics	[Detail] [Edit] [Hapus]
11	BRG000	Computer	Electronics	[Detail] [Edit] [Hapus]

Berhasil

Data berhasil diupdate

OK

Showing 1 to 11 of 11 entries

Copyright © 2014-2021 AdminLTE.io. All rights reserved.

Version 3.2.0

Hapus Data Barang

Konfirmasi !!!

Apa kamu ingin menghapus data seperti di bawah ini?

Kategori :	Electronics
Kode Barang :	BRG000
Nama Barang :	Computer
Harga Beli :	9000000
Harga Jual :	18000000

Batal Ya, Hapus

Daftar Barang

Daftar barang yang terdaftar dalam sistem

Berhasil

Data berhasil dihapus

OK

Penggunaan AJAX pada praktikum ini bertujuan untuk meningkatkan interaksi pengguna tanpa perlu melakukan reload halaman. Dengan AJAX, proses CRUD (Create, Read, Update, Delete) pada data dilakukan secara asynchronous, sehingga aplikasi menjadi lebih responsif. Hal ini memungkinkan perubahan data dilakukan secara cepat dan efisien.

Ajax berhasil diterapkan pada tabel m_level, m_kategori, m_supplier, dan m_barang. Pengujian menunjukkan bahwa semua operasi, seperti penambahan, pengeditan, penghapusan, dan pemutuan data, berjalan dengan lancar tanpa error.