UTS

Membuat Login

1	Route
	```Route::get('/login', [AuthController::class, 'index'])->name('login.index');``` ```Route::post('/login', [AuthController::class, 'authenticate'])->name('login.authenticate');```
2	Auth Controller
	```public function index(){``` ``` return view('auth.login');``` ```}``` ```public function authenticate(Request $request){``` ``` $credentials = $request->validate([``` ``` 'username' => ['required'],``` ``` 'password' => ['required'],``` ```]);``` ``` if (Auth::attempt($credentials)) {``` ``` $user = UserModel::where('username', $credentials['username'])->first();``` ``` if($user->status == 0) return back()->withErrors(['status' => 'Akun Anda belum divalidasi``` ``` $request->session()->regenerate();``` ``` return redirect()->route('beranda.index');``` ``` }``` ``` return back()->withErrors([``` ``` 'authentication' => 'Username/Password invalid',``` ```])->onlyInput('username');``` ```}```
3	View auth.login menggunakan template login adminLTE
	```<!DOCTYPE html>``` ```<html lang="en">``` ```<head>``` ``` <meta charset="utf-8">``` ``` <meta name="viewport" content="width=device-width, initial-scale=1">``` ``` <title>AdminLTE 3	Log in</title>``` ``` <!-- Google Font: Source Sans Pro -->``` ``` <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,400i,700&display=fall``` ``` <!-- Font Awesome -->``` ``` <link rel="stylesheet" href="{{ asset('adminlte/plugins/fontawesome-free/css/all.min.css') }}">``` ``` <!-- icheck bootstrap -->``` ``` <link rel="stylesheet" href="{{ asset('adminlte/plugins/icheck-bootstrap/icheck-bootstrap.min.css') }}">``` ``` <!-- Theme style -->``` ``` <link rel="stylesheet" href="{{ asset('adminlte/dist/css/adminlte.min.css') }}">``` ```</head>``` ```<body class="hold-transition login-page">``` ```<div class="login-box">``` ``` <div class="login-logo">``` ``` PWL``` ``` </div>``` ``` <!-- /.login-logo -->``` ``` <div class="card">``` ``` <div class="card-body login-card-body">``` ``` <p class="login-box-msg">Sign in to start your session</p>```

```blade
        @if ($errors->any())
          <div class="alert alert-danger">
            <ul>
              @foreach ($errors->all() as $error)
                <li>{{ $error }}</li>
              @endforeach
            </ul>
          </div>
        @endif
        @if (session('success'))
          <div class="aler alert-success">
            <ul>
              <li>{{session('success')}}</li>
            </ul>
          </div>
        @endif

        <form action="{{ route('login.authenticate') }}" method="POST">
          @csrf
          <div class="input-group mb-3">
            <input type="text" class="form-control" name="username" placeholder="Username">
            <div class="input-group-append">
              <div class="input-group-text">
                <span class="fas fa-user"></span>
              </div>
            </div>
          </div>
          <div class="input-group mb-3">
            <input type="password" class="form-control" name="password" placeholder="Password">
            <div class="input-group-append">
              <div class="input-group-text">
                <span class="fas fa-lock"></span>
              </div>
            </div>
          </div>
          <div class="row">
            <!-- /.col -->
            <div class="col-4">
              <button type="submit" class="btn btn-primary btn-block">Sign In</button>
            </div>
            <!-- /.col -->
          </div>
        </form>

        <p class="mb-0">
          <a href="{{ route('register.index') }}" class="text-center">Register a new membership</a>
        </p>
      </div>
      <!-- /.login-card-body -->
    </div>
  </div>
<!-- /.login-box -->

<!-- jQuery -->
<script src="{{ asset('adminlte/plugins/jquery/jquery.min.js') }}"></script>
<!-- Bootstrap 4 -->
<script src="{{ asset('adminlte/plugins/bootstrap/js/bootstrap.bundle.min.js') }}"></script>
<!-- AdminLTE App -->
<script src="{{ asset('adminlte/dist/js/adminlte.min.js') }}"></script>
</body>
</html>
```
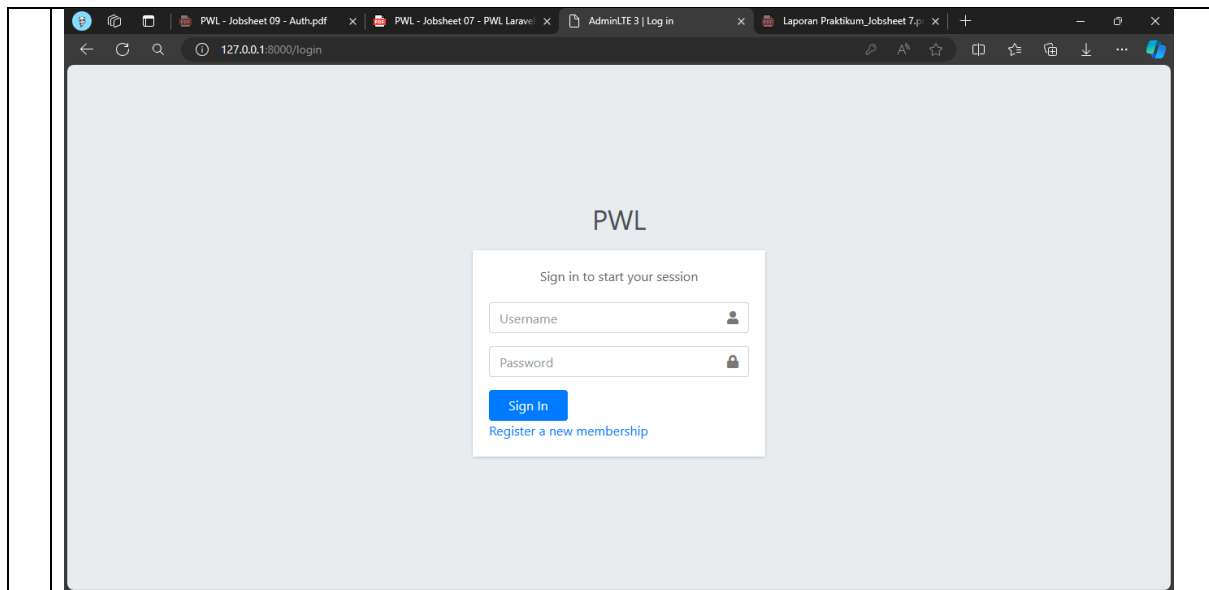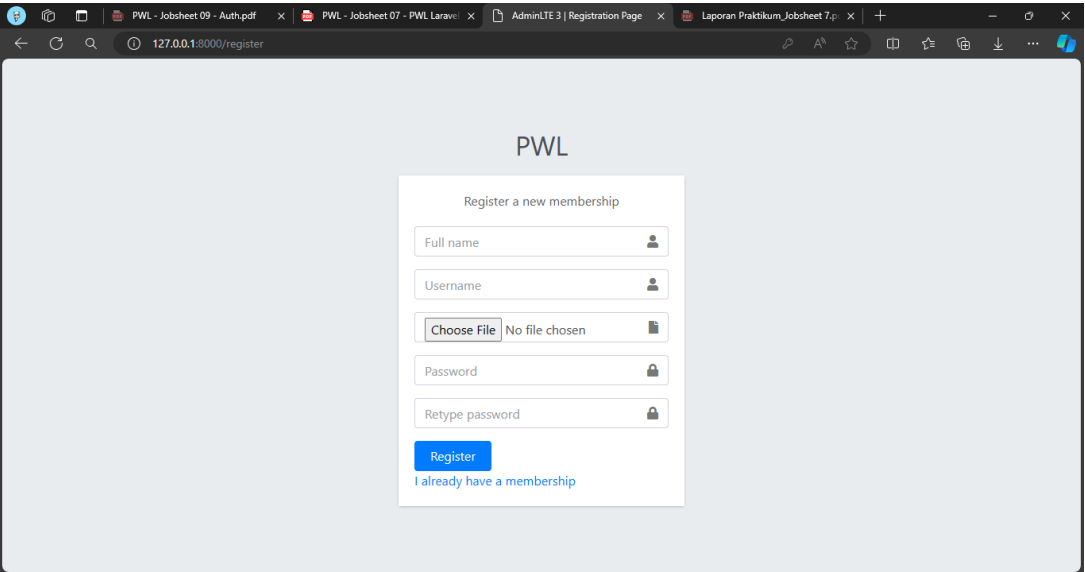
| 4 | Hasil |

Membuat Register

1	Route
	``` Route::get('/register', [AuthController::class, 'register'])->name('register.index'); Route::post('/register', [AuthController::class, 'storeMember'])->name('register.storeMember'); ```
2	Auth Controller

	``php
	public function register()
	{
	    return view('auth.register');
	}
	public function storeMember(Request $request): RedirectResponse //: RedirectResponse is return type
	{
	    $newUser = $request->validate([
	        'username' => ['required', 'unique:m_user,username'],
	        'nama' => ['required'],
	        'password' => ['required', 'min:6'],
	        'confirm_password' => ['required', 'same:password'],
	        'profile_img' => ['required', 'mimes:png,jpg,jpeg', 'max:1024'],
	    ]);
	
	    $newUser['level_id'] = 4; //member
	    $newUser['status'] = 0; //harus divalidasi
	
	    try {
	        DB::beginTransaction();
	
	        // Store profile image
	        $profileImg = $newUser['profile_img'];
	        $profileName = Str::random(10).$newUser['profile_img']->getClientOriginalName();
	        $profileImg->storeAs('public/profile', $profileName);
	
	        // Overide profile_img name
	        $newUser['profile_img'] = $profileName;
	
	        userModel::create($newUser);
	``

```
            DB::commit();
            return redirect()->route('login.index')->with('success', 'Registrasi telah disimpan, tetapi dimohon menunggu untuk validasi akun oleh

        } catch (\Throwable $th) {
            DB::rollback();

            return back()->withErrors([
                'error' => $th->getMessage(),
            ]);
        }
    }
}
```

3	View

auth.register

menggunakan template register adminLTE

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>AdminLTE 3 | Registration Page</title>

  <!-- Google Font: Source Sans Pro -->
  <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,400i,700&display=fallback">
  <!-- Font Awesome -->
  <link rel="stylesheet" href="{{ asset('adminlte/plugins/fontawesome-free/css/all.min.css') }}">
  <!-- icheck bootstrap -->
  <link rel="stylesheet" href="{{ asset('adminlte/plugins/icheck-bootstrap/icheck-bootstrap.min.css') }}">
  <!-- Theme style -->
  <link rel="stylesheet" href="{{ asset('adminlte/dist/css/adminlte.min.css') }}">
</head>
<body class="hold-transition register-page">
<div class="register-box">
  <div class="register-logo">
    <a href="../../index2.html"><b>PWL</b></a>
  </div>

  <div class="card">
    <div class="card-body register-card-body">
      <p class="login-box-msg">Register a new membership</p>

      @if ($errors->any())
      <div class="alert alert-danger">
        <ul>
          @foreach ($errors->all() as $error)
          <li>{{$error}}</li>
          @endforeach
        </ul>
      </div>
      @endif

      <form action="{{ route('register.storeMember') }}" method="POST" enctype="multipart/form-data">
        @csrf
        <div class="input-group mb-3">
          <input type="text" class="form-control" name="nama" value="{{old('nama')}}" placeholder="Full name">
          <div class="input-group-append">
            <div class="input-group-text">
              <span class="fas fa-user"></span>
            </div>
          </div>
        </div>
        <div class="input-group mb-3">
          <input type="text" class="form-control" name="username" value="{{old('username')}}" placeholder="Username">
          <div class="input-group-append">
            <div class="input-group-text">
              <span class="fas fa-user"></span>
            </div>
          </div>
        </div>
        <div class="input-group mb-3">
          <input type="file" class="form-control" placeholder="Gambar Profil" name="profile_img" enctype='multipart/form-data'>
          <div class="input-group-append">
            <div class="input-group-text">
              <span class="fas fa-file"></span>
            </div>
          </div>
        </div>
        <div class="input-group mb-3">
          <input type="password" class="form-control" name="password" placeholder="Password">
          <div class="input-group-append">
            <div class="input-group-text">
              <span class="fas fa-lock"></span>
            </div>
          </div>
        </div>
```

| | ```html
          </div>
          <div class="input-group mb-3">
            <input type="password" class="form-control" name="confirm_password" placeholder="Retype password">
            <div class="input-group-append">
              <div class="input-group-text">
                <span class="fas fa-lock"></span>
              </div>
            </div>
          </div>
          <div class="row">
            <!-- /.col -->
            <div class="col-4">
              <button type="submit" class="btn btn-primary btn-block">Register</button>
            </div>
            <!-- /.col -->
          </div>
        </form>

        <a href="{{ route('login.index') }}" class="text-center">I already have a membership</a>
      </div>
      <!-- /.form-box -->
    </div><!-- /.card -->
  </div>
  <!-- /.register-box -->

  <!-- jQuery -->
  <script src="{{ asset('adminlte/plugins/jquery/jquery.min.js') }}"></script>
  <!-- Bootstrap 4 -->
  <script src="{{ asset('adminlte/plugins/bootstrap/js/bootstrap.bundle.min.js') }}"></script>
  <!-- AdminLTE App -->
  <script src="{{ asset('adminlte/dist/js/adminlte.min.js') }}"></script>
</body>
</html>
``` |
| 4 | Hasil |
| | |

Membuat Logout

1	Route
| | ```php
Route::get('/logout', [AuthController::class, 'logout'])->name('logout');
``` |
| 2 | View |
| | layout.sidebar |
| | ```html
<li class="nav-item">
  <a href="{{ route('logout') }}" class="nav-link">
    <i class="nav-icon fas fa-sign-out-alt nav-icon"></i>
    <p>Logout</p>
  </a>
</li>
``` |

Membuat Dashboard Validasi Member

1	Route
| | ```
Route::middleware(['auth'])->group(function(){

    Route::get('/', [WelcomeController::class, 'index'])->name('beranda.index');

    Route::group(['prefix' => 'member'], function(){
        Route::post('/list', [WelcomeController::class, 'list'])->name('member.list');
        Route::get('/export-pdf', [WelcomeController::class, 'exportPdf'])->name('member.export.pdf');
        Route::get('/export-excel', [WelcomeController::class, 'exportExcel'])->name('member.export.excel');
        Route::get('/updateValidation/{id}', [WelcomeController::class, 'updateValidation'])->name('member.updateValidation');
        Route::get('/{id}', [WelcomeController::class, 'show'])->name('member.show');
        Route::delete('/{id}', [WelcomeController::class, 'destroy'])->name('member.destroy');
    });


    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
``` |
| 2 | **Welcome Controller**<br><br>**Index**<br>```
public function index(MembersCharts $chart){
    $breadcrumb = (object)[
        'title' => 'Selamat Datang',
        'list' => ['Home', 'Dashboard']
    ];

    $activeMenu = 'dashboard';
    // return view('welcome', ['breadcrumb' => $breadcrumb, 'activeMenu' => $activeMenu]);
    return view('beranda.index', ['breadcrumb' => $breadcrumb, 'activeMenu' => $activeMenu, 'chart' => $chart->build()]);
}
```<br><br>**List**<br>```
public function list(Request $request)
{
    $users = UserModel::with('level')
            ->whereRelation('level', 'level_nama', 'Member' );

    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 = '<a href="'.url('/member/' . $user->user_id).'" class="btn btn-info btn-sm">Detail</a> ';
    $btn .= '<a href="'.url('/member/updateValidation/' . $user->user_id).'" class="btn btn-warning btn-sm">'.($user->status == 0 ? 'Validate'
    $btn .= '<form class="d-inline-block" method="POST" action="'. url('/member/'.$user->user_id).'">'. csrf_field() . method_field('DELETE') .
    '<button type="submit" class="btn btn-danger btn-sm" onclick="return confirm(\'Apakah Anda yakin menghapus data ini?\');">Delete</button></f

    return $btn;
    })
    ->rawColumns(['aksi']) // memberitahu bahwa kolom aksi adalah html
    ->make(true);
}
```<br><br>**Export**<br>```
public function exportPdf()
{

    $members = UserModel::with('level')
    ->whereRelation('level', 'level_nama', 'Member' )
    ->get();

    $pdf = Pdf::loadView('tabel_export.tabel_member', [
        'members' => $members,
        'title' => 'Data Member'
    ]);

    return response()->streamDownload(function() use($pdf){
        echo $pdf->stream();
    }, 'Data_Member.pdf');

}
``` |

```php
public function exportExcel()
{
    return Excel::download(new MembersExport, 'Data_Member.xlsx');
}
```

Show

```php
public function show(string $id)
{
    $member = UserModel::with('level')->find($id);

    $breadcrumb = (object) [
        'title' => 'Detail User',
        'list' => ['Home', 'Member', 'Detail']
    ];

    $page = (object) [
        'title' => 'Detail user'
    ];

    $activeMenu = 'dashboard';

    return view('beranda.member', [
        'breadcrumb' => $breadcrumb,
        'page' => $page,
        'member' => $member,
        'activeMenu' => $activeMenu
    ]);
}
```

Update Validation

```php
public function updateValidation($id)
{
    $user = UserModel::find($id);

    $user->update([
        'status' => !(bool) $user->status
    ]);

    return redirect('/')->with('success', 'Status validasi member berhasil diubah');
}
```

Destroy

```php
public function destroy(string $id)
{
    $member = UserModel::find($id);

    if(!$member){
        return redirect('/user')->with('error', 'Data member tidak ditemukan');
    }

    try {
        if(!empty( $member->profile_img)){
            Storage::delete('public/profile/'.$member->profile_img);
        }

        $member->delete();

        return redirect('/')->with('success', 'Data member berhasil dihapus');
    } catch (\Throwable $th) {
        return redirect('/')->with('/error', 'Data member gagal dihapus karena masih terdapat tabel lain yang terkait dengan data ini');
    }
}
```
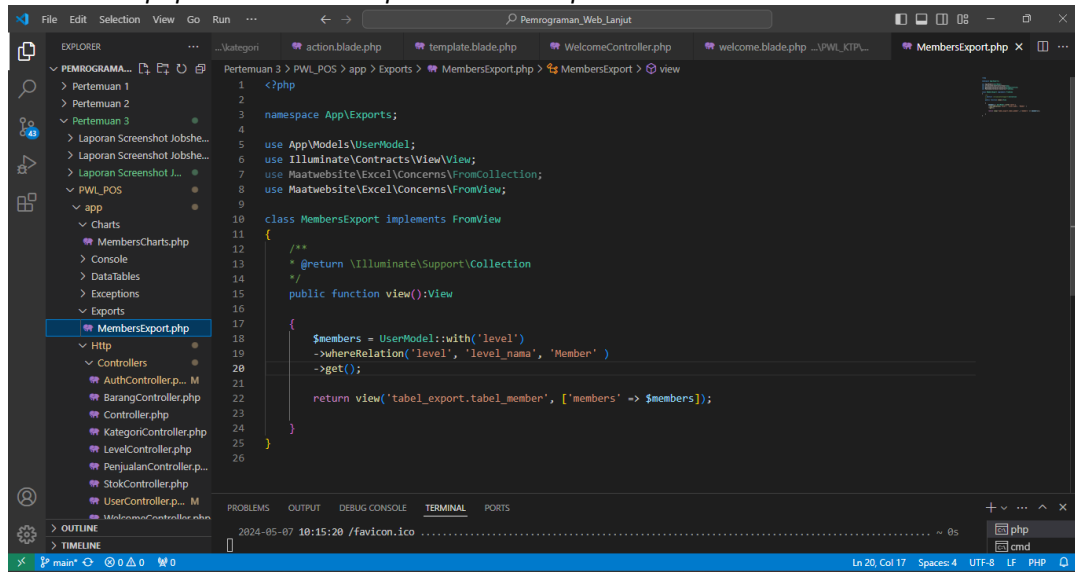
3	Exports
	Install pdf: *composer require barryvdh/laravel-dompdf* (–ignore-platform-reqs)
	Install excel: *composer require maatwebsite/excel –ignore-platform-reqs*
	Command: php artisan make:export MemberExports
4	Charts
	Install chart:
	- *composer require arielmejiadev/larapex-charts*
	- *php artisan vendor:publish –tag=larapex- charts-config –ignore-platform-reqs*
	Command: php artisan make:chart MembersCharts

```php
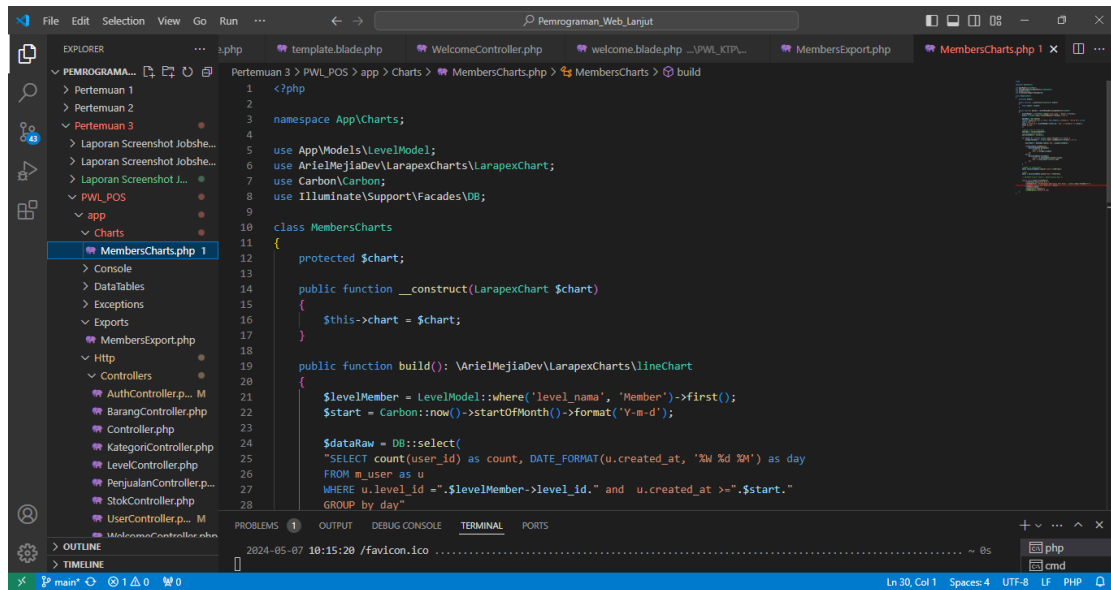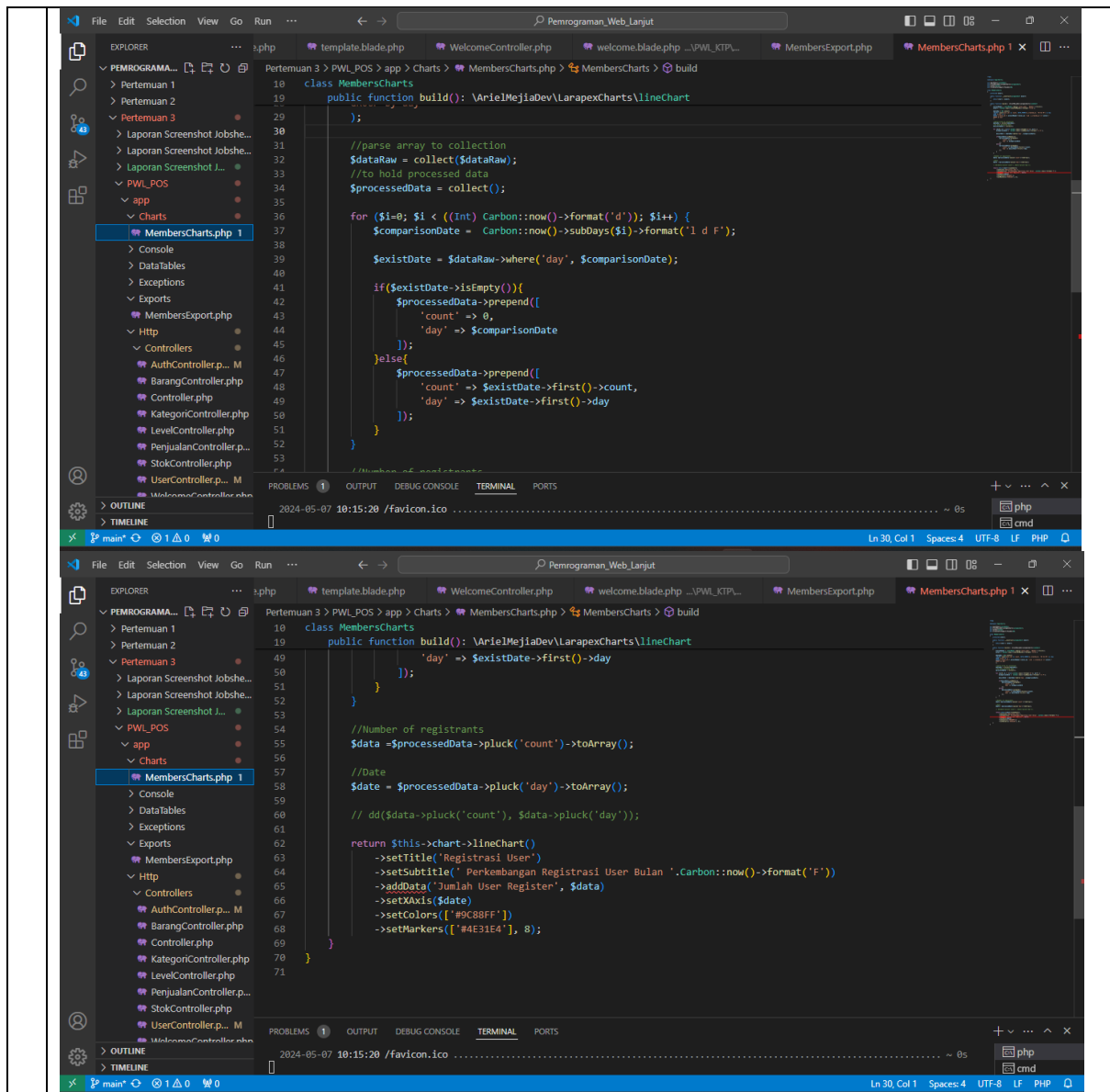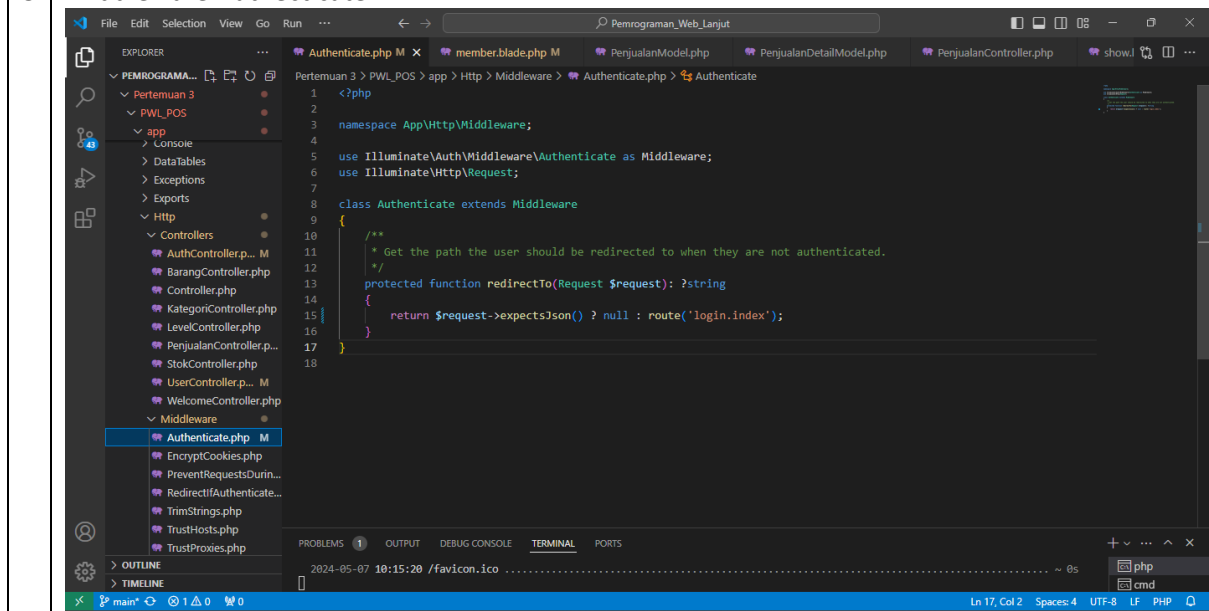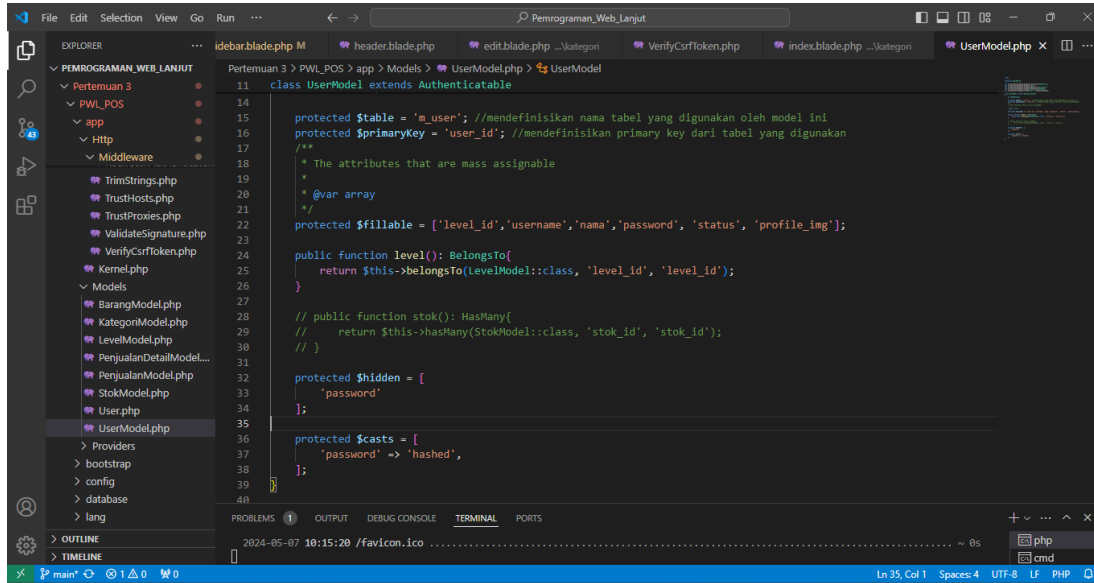class MembersCharts
    public function build(): \ArielMejiaDev\LarapexCharts\lineChart
        );

        //parse array to collection
        $dataRaw = collect($dataRaw);
        //to hold processed data
        $processedData = collect();

        for ($i=0; $i < ((Int) Carbon::now()->format('d')); $i++) {
            $comparisonDate =  Carbon::now()->subDays($i)->format('l d F');

            $existDate = $dataRaw->where('day', $comparisonDate);

            if($existDate->isEmpty()){
                $processedData->prepend([
                    'count' => 0,
                    'day' => $comparisonDate
                ]);
            }else{
                $processedData->prepend([
                    'count' => $existDate->first()->count,
                    'day' => $existDate->first()->day
                ]);
            }
        }
```



```php
class MembersCharts
    public function build(): \ArielMejiaDev\LarapexCharts\lineChart
                    'day' => $existDate->first()->day
                ]);
            }
        }

        //Number of registrants
        $data =$processedData->pluck('count')->toArray();

        //Date
        $date = $processedData->pluck('day')->toArray();

        // dd($data->pluck('count'), $data->pluck('day'));

        return $this->chart->lineChart()
            ->setTitle('Registrasi User')
            ->setSubtitle(' Perkembangan Registrasi User Bulan '.Carbon::now()->format('F'))
            ->addData('Jumlah User Register', $data)
            ->setXAxis($date)
            ->setColors(['#9C88FF'])
            ->setMarkers(['#4E31E4'], 8);
    }
}
```

| 5 | Middleware Authecticate |


```php
<?php

namespace App\Http\Middleware;

use Illuminate\Auth\Middleware\Authenticate as Middleware;
use Illuminate\Http\Request;

class Authenticate extends Middleware
{
    /**
     * Get the path the user should be redirected to when they are not authenticated.
     */
    protected function redirectTo(Request $request): ?string
    {
        return $request->expectsJson() ? null : route('login.index');
    }
}
```

6	Modifikasi User Model

7	Modifikasi User Controller

```php
//Menyimpan data user baru
public function store(Request $request){
    $newUser = $request->validate([
        //username harus diisi, berupa string, minimal 4 karakter, dan bernilai unik di tabel m_user kolom usernam
        'username'      => 'required|string|min:3|unique:m_user,username',
        'nama'          => 'required|string|max:100',   //nama harus diisi, berupa string, dan maksimal 100 karakt
        'password'      => 'required|min:5',            //password harus diisi dan minimal 5 karakter
        'level_id'      => 'required|integer',          //level_id harus diisi dan berupa angka
        'status'        => 'required|boolean',
        'profile_img'   => 'nullable|mimes:png,jpg,jpeg'
    ]);

    // Store profile image
    $profileImg = $newUser['profile_img'];
    $profileName = Str::random(10).$newUser['profile_img']->getClientOriginalName();
    $profileImg->storeAs('public/profile', $profileName);

    // Overide profile_img name
    $newUser['profile_img'] = $profileName;

    UserModel::create($newUser);

    return redirect('/user')->with('success', 'Data user berhasil disimpan');
}

//Menyimpan perubahan data user
public function update(Request $request, string $id){
    $request->validate([
        //username harus diisi, berupa string, minimal 3 karakter,
        //dan bernilai unik di tabel m_user kolom username kecuali untuk user dengan id yang sedang diedit
        'username'      => 'required|string|min:3|unique:m_user,username,'.$id.',user_id',
        'nama'          => 'required|string|max:100',   //nama harus diisi, berupa string, dan maksimal 100 karakt
        'password'      => 'nullable|min:5',            //password bisa diisi (minimal 5 karakter) dan bisa tidak
        'level_id'      => 'required|integer',          //level_id harus diisi dan berupa angka
        'status'        => 'required|boolean',
        'profile_img'   => 'nullable|max:1024'
    ]);

    UserModel::find($id)->update([
        'username'      => $request->username,
        'nama'          => $request->nama,
        'password'      => $request->password ? bcrypt($request->password) : UserModel::find($id)->password,
        'level_id'      => $request->level_id,
        'status'        => $request->status,
        'profile_img'   => $request->profile_img
    ]);

    return redirect('/user')->with('success', 'Data user berhasil diubah');
}
```

Modifikasi View User

create

```html
<div class="form-group row">
    <label class="col-1 control-label col-form-label">Status</label>
    <div class="col-11">
        <input type="number" class="form-control" id="status" name="status" min="0" max="1" value="{{ old('status') }
        <small class="form-text text-muted">Member: 0 | Other: 1</small>

        @error('status')
            <small class="form-text text-danger">{{ $message }}</small>
        @enderror
    </div>
</div>
<div class="form-group row">
    <label class="col-1 control-label col-form-label">Profile Image</label>
    <div class="col-11">
        <input type="file" class="form-control" id="profile_img" name="profile_img" value="{{ old('profile_img') }}">

        @error('profile_img')
            <small class="form-text text-danger">{{ $message }}</small>
        @enderror
    </div>
</div>
```

Edit

```html
<div class="form-group row">
    <label class="col-1 control-label col-form-label">Status</label>
    <div class="col-11">
        <input type="text" class="form-control" id="status" name="status" value="{{ old('status', $user->status) }}"
        <small class="form-text text-muted">Member: 0 | Other: 1</small>
        @error('status')
            <small class="form-text text-danger">{{ $message }}</small>
        @enderror
    </div>
</div>
<div class="form-group row">
    <label class="col-1 control-label col-form-label">Profile Image</label>
    <div class="col-11">
        <input type="file" class="form-control" id="profile_img" name="profile_img" value="{{ old('profile_img', $use
        @error('profile_img')
            <small class="form-text text-danger">{{ $message }}</small>
        @enderror
    </div>
</div>
```

Show

```html
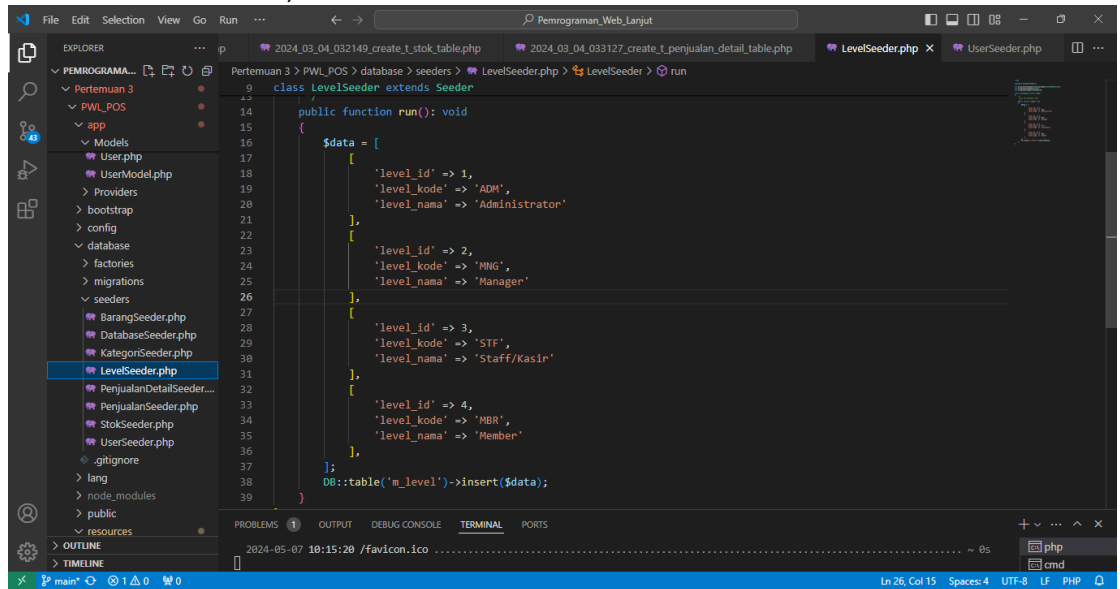<tr>
    <th>Password</th>
    <td>********</td>
</tr>
<tr>
    <th>Status</th>
    <td>{{ $user->status == 1 ? 'Validate' : 'Unvalidate' }}</td>
</tr>
<tr>
    <th>Foto Profil</th>
    <td><img src="{{ asset('storage/profile/'.$user->profile_img) }}" class=" "></td>
</tr>
```

8	Database Seeder ditambahkan
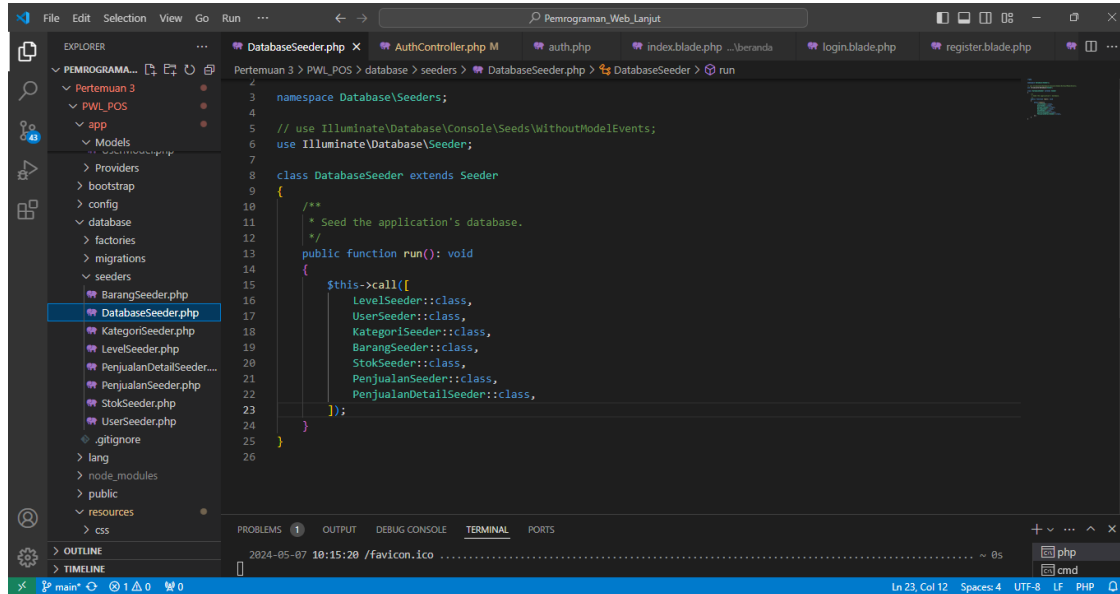
9	Modifikasi Level Seeder, menambahkan member

Melakukan migrate:fresh seperti command dibawah

Command: *php artisan migrate:fresh –seed*

10	Ditambahkan if end if untuk membedakan akses sidebar admin dan user


```
@if (auth()->user()->level->level_nama != 'Member')
  <li class="nav-header">Data Pengguna</li>
  <li class="nav-item">
    <a href="{{ url('/level') }}" class="nav-link {
      <i class="nav-icon fas fa-layer-group"></i>
      <p>Level User</p>
```

```
    <li class="
      <a href="
        <i class
        <p>Trans
      </a>
    </li>
  @endif
```

11	Hasil
	Admin

Data Member

No	Username	Nama	Level	Status
1	ereen	ereen	Member	Validate
2	rina	rina	Member	Unvalidate
3	boni	boni	Member	Validate
4	nina	nina	Member	Unvalidate
5	yura	yura	Member	Unvalidate

Data_Member [Protected View] - Excel — Ereen Lourenza

File | Home | Insert | Page Layout | Formulas | Data | Review | View | Help | Power Pivot | Tell me what you want to do

E1 | Status

	A	B	C	D	E
1	No	Username	Nama	Level	Status
2	1	ereen	ereen	Member	Validate
3	2	rina	rina	Member	Unvalidate
4	3	boni	boni	Member	Validate
5	4	nina	nina	Member	Unvalidate
6	5	yura	yura	Member	Unvalidate

Tabel

Ready

127.0.0.1:8000/user/create

Search

- Dashboard

Data Pengguna

- Level User
- Data User

Data Barang

- Kategori Barang
- Data Barang

Data Transaksi

- Stok Barang
- Transaksi Penjualan
- Logout

Tambah User

Home / User / Tambah

Tambah user baru

Level	- Pilih Level -
Username	
Nama	
Password	
Status	
	Member: 0	Other: 1
Profile Image	Choose File No file chosen

Simpan   Kembali

Member