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TP 14 WEBPRO

Langkah 1: Membuat Project Laravel Baru

```
Command Prompt      + | ^

Microsoft Windows [Version 10.0.26100.7171]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Farhan Muamar>cd C:\xampp\htdocs

C:\xampp\htdocs>composer create-project laravel/laravel TP_Modul_14_103032300076
Creating a "laravel/laravel" project at "./TP_Modul_14_103032300076"
Installing laravel/laravel (v12.11.0)
- Downloading laravel/laravel (v12.11.0)
- Installing laravel/laravel (v12.11.0): Extracting archive
Created project in C:\xampp\htdocs\TP_Modul_14_103032300076
> @php -r "file_exists('.env') || copy('.env.example', '.env');"
Loading composer repositories with package information
Updating dependencies
Lock file operations: 111 installs, 0 updates, 0 removals
- Locking brick/math (0.14.1)
- Locking carbonphp/carbon-doctrine-types (3.2.0)
- Locking dflydev/dot-access-data (v3.0.3)
- Locking doctrine/inflector (2.1.0)
```

Langkah 2: Konfigurasi Database

Buat database baru, yaitu: tp_modul_14

The screenshot shows the phpMyAdmin interface running on a local host. The top navigation bar includes links for 'localhost/phpmyadmin', 'KUIS-4_Organisasi...', and a PDF icon. Below the header, there are tabs for 'Recent' and 'Favourites'. The main area displays a tree view of databases. The 'information_schema', 'jurnal12_nim', 'mysql', 'performance_schema', 'phpmyadmin', 'task_management', and 'test' databases are listed under the 'db' node. A new database, 'tp_modul_14', is shown as a child of the 'db' node, indicating it has been recently created.

Sesuaikan file .env

```
23 DB_CONNECTION=mysql
24 DB_HOST=127.0.0.1
25 DB_PORT=3307
26 DB_DATABASE=tp_modul_14
27 DB_USERNAME=root
28 DB_PASSWORD=
29
```

Langkah 3: Edit Migration User (Menambah Role)

Edit database/migrations/xxxx_xx_xx_000000_create_users_table.php, tambahkan kolom role (baris 20):

```
12     public function up(): void
13     {
14         Schema::create('users', function (Blueprint $table) {
15             $table->id();
16             $table->string('name');
17             $table->string('email')->unique();
18             $table->timestamp('email_verified_at')->nullable();
19             $table->string('password');
20             $table->enum('role', ['admin', 'user'])->default('user');
21             $table->rememberToken();
22             $table->timestamps();
23         });
24     }
```

Jalankan migrasi di terminal:

```
C:\xampp\htdocs\TP_Modul_14_103032300076>php artisan migrate
INFO Preparing database.

Creating migration table ..... 24.92ms DONE
INFO Running migrations.

0001_01_01_000000_create_users_table ..... 108.63ms DONE
0001_01_01_000001_create_cache_table ..... 34.57ms DONE
0001_01_01_000002_create_jobs_table ..... 115.46ms DONE
```

Langkah 4: Edit Model User

Di app/Models/User.php tambahkan 'role' ke dalam \$fillable:

```
20     protected $fillable = [
21         'name',
22         'email',
23         'password',
24         'role',
25     ];
26 
```

Langkah 5: Membuat AuthController

- Jalankan perintah di terminal: php artisan make:controller AuthController

```
C:\xampp\htdocs\TP_Modul_14_103032300076>php artisan make:controller AuthController
[INFO] Controller [C:\xampp\htdocs\TP_Modul_14_103032300076\app\Http\Controllers\AuthController.php] created successfully.
```

- Edit app/Http/Controllers/AuthController.php:

```
<?php

namespace App\Http\Controllers;

use App\Models\User;
use Illuminate\Http\Request;
use Illuminate\Support\Facades\Auth;
use Illuminate\Support\Facades\Hash;

class AuthController extends Controller
{
    // --- REGISTER ---
    public function showRegisterForm()
    {
        return view('auth.register');
    }

    public function register(Request $request)
    {
        // Validasi input
        $request->validate([
            'name' => 'required|string|max:255',
            'email' => 'required|email|unique:users,email',
            'password' => 'required|string|min:6|confirmed', // confirmed
butuh input name="password_confirmation"
```

```
        'role' => 'required|in:admin,user',
    ]);

    // Buat User Baru
    $user = User::create([
        'name' => $request->name,
        'email' => $request->email,
        'password' => Hash::make($request->password), // Hash password
        'role' => $request->role,
    ]);

    // Login otomatis setelah register
    Auth::login($user);

    // Redirect ke dashboard
    return redirect()->route('dashboard')->with('success', 'Registrasi berhasil!');
}

// --- LOGIN ---
public function showLoginForm()
{
    return view('auth.login');
}

public function login(Request $request)
{
    // Validasi
    $credentials = $request->validate([
        'email' => ['required', 'email'],
        'password' => ['required'],
    ]);

    // Coba Login
    if (Auth::attempt($credentials)) {
        $request->session()->regenerate();
        return redirect()->route('dashboard'); // Redirect jika sukses
    }

    // Jika gagal
    return back()->withErrors([
        'email' => 'Email atau password salah.',
    ]);
}
```

```
// --- LOGOUT ---
public function logout(Request $request)
{
    Auth::logout();
    $request->session()->invalidate();
    $request->session()->regenerateToken();
    return redirect()->route('login');
}
```

Langkah 6: Membuat Tampilan (Views)

- a. Buat folder baru bernama **auth** di dalam resources/views/.
b. Buat file resources/views/auth/register.blade.php:

```
<!DOCTYPE html>
<html lang="id">
<head>
    <meta charset="UTF-8">
    <title>Register</title>
    <link
        href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"
        rel="stylesheet">
</head>
<body class="bg-light">
    <div class="container mt-5" style="max-width: 500px;">
        <div class="card shadow">
            <div class="card-header bg-success text-white">
                <h4 class="mb-0">Register</h4>
            </div>
            <div class="card-body">
                <form action="{{ route('register.submit') }}" method="POST">
                    @csrf
                    <div class="mb-3">
                        <label>Name</label>
                        <input type="text" name="name" class="form-control" required>
                    </div>
                    <div class="mb-3">
                        <label>Email</label>
                        <input type="email" name="email" class="form-control" required>
                    </div>
                    <div class="mb-3">
                        <label>Password</label>
                    </div>
                </form>
            </div>
        </div>
    </div>
</body>
```

```

        <input type="password" name="password" class="form-control" required>
            </div>
            <div class="mb-3">
                <label>Confirm Password</label>
                <input type="password" name="password_confirmation" class="form-control" required>
            </div>
            <div class="mb-3">
                <label>Role</label>
                <select name="role" class="form-select">
                    <option value="user">Normal User</option>
                    <option value="admin">Admin</option>
                </select>
            </div>
            <button type="submit" class="btn btn-success w-100">Register</button>
        </form>
        <div class="mt-3 text-center">
            Sudah punya akun? <a href="{{ route('login') }}>Login</a>
        </div>
    </div>
</body>
1. </html>

```

c. Buat file resources/views/auth/login.blade.php:

```

<!DOCTYPE html>
<html lang="id">
<head>
    <meta charset="UTF-8">
    <title>Login</title>
    <link
        href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"
        rel="stylesheet">
</head>
<body class="bg-light">
    <div class="container mt-5" style="max-width: 400px;">
        <div class="card shadow">
            <div class="card-header bg-primary text-white">
                <h4 class="mb-0">Login</h4>
            </div>

```

```

<div class="card-body">
    @if ($errors->any())
        <div class="alert alert-danger">
            {{ $errors->first() }}
        </div>
    @endif

    <form action="{{ route('login.submit') }}" method="POST">
        @csrf
        <div class="mb-3">
            <label>Email</label>
            <input type="email" name="email" class="form-control" required>
        </div>
        <div class="mb-3">
            <label>Password</label>
            <input type="password" name="password" class="form-control" required>
        </div>
        <button type="submit" class="btn btn-primary w-100">Login</button>
    </form>
    <div class="mt-3 text-center">
        Belum punya akun? <a href="{{ route('register') }}>Register</a>
    </div>
</div>
</body>
1. </html>

```

d. Buat file resources/views/dashboard.blade.php(iseng aja ada isinya hehe biar ga kosong):

```

<!DOCTYPE html>
<html lang="id">

    <head>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <title>Dashboard - TP Modul 14</title>
        <link
            href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"
            rel="stylesheet">

```

```
<!-- Font Awesome untuk icon -->
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0/css/all.min.css">
<style>
.card-icon {
font-size: 2rem;
opacity: 0.8;
}
</style>
</head>

<body class="bg-light">
<!-- Navbar -->
<nav class="navbar navbar-expand-lg navbar-dark bg-primary shadow-sm">
<div class="container">
<a class="navbar-brand fw-bold" href="#"><i class="fas fa-layer-group me-2"></i>TP Modul 14</a>
<button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav">
<span class="navbar-toggler-icon"></span>
</button>
<div class="collapse navbar-collapse" id="navbarNav">
<ul class="navbar-nav ms-auto align-items-center">
<li class="nav-item">
<span class="nav-link active">
<i class="fas fa-user-circle me-1"></i>
{{ Auth::user()->name }}
<span class="badge bg-light text-primary rounded-pill ms-1">{{ Auth::user()->role }}</span>
</span>
</li>
<li class="nav-item ms-2">
<form action="{{ route('logout') }}" method="POST" class="m-0">
@csrf
<button type="submit" class="btn btn-danger btn-sm rounded-pill px-3">
<i class="fas fa-sign-out-alt me-1"></i> Logout
</button>
</form>
</li>
</ul>
</div>
</div>
</nav>

<div class="container mt-4">
```

```
<!-- Welcome Banner -->
<div class="alert alert-white shadow-sm border-0 d-flex justify-content-between align-items-center" role="alert">
<div>
<h4 class="alert-heading mb-1">Selamat Datang, {{ Auth::user()->name }}!
👋</h4>
<p class="mb-0 text-muted">Ini adalah dashboard utama Anda. Berikut adalah ringkasan aktivitas.</p>
</div>
<div class="text-secondary">
<small>{{now()->format('l, d F Y')}}</small>
</div>
</div>

<!-- Stats Row -->
<div class="row g-3 mb-4">
<div class="col-md-4">
<div class="card shadow-sm border-0 bg-primary text-white h-100">
<div class="card-body d-flex justify-content-between align-items-center">
<div>
<h6 class="card-title text-opacity-75 mb-1">Total Pengguna</h6>
<h2 class="mb-0 fw-bold">1,254</h2>
</div>
<i class="fas fa-users card-icon"></i>
</div>
</div>
</div>
<div class="col-md-4">
<div class="card shadow-sm border-0 bg-success text-white h-100">
<div class="card-body d-flex justify-content-between align-items-center">
<div>
<h6 class="card-title text-opacity-75 mb-1">Pendapatan</h6>
<h2 class="mb-0 fw-bold">Rp 4.5jt</h2>
</div>
<i class="fas fa-chart-line card-icon"></i>
</div>
</div>
</div>
<div class="col-md-4">
<div class="card shadow-sm border-0 bg-warning text-dark h-100">
<div class="card-body d-flex justify-content-between align-items-center">
<div>
<h6 class="card-title text-opacity-75 mb-1">Tiket Pending</h6>
<h2 class="mb-0 fw-bold">12</h2>
</div>
</div>
</div>
</div>
```

```
</div>
<i class="fas fa-ticket-alt card-icon"></i>
</div>
</div>
</div>
</div>

<div class="row g-4">
<!-- Main Content Area -->
<div class="col-lg-8">
<div class="card shadow-sm border-0">
<div class="card-header bg-white py-3">
<h5 class="mb-0 fw-bold"><i class="fas fa-history me-2 text-primary"></i>Aktivitas Terbaru</h5>
</div>
<div class="card-body p-0">
<div class="table-responsive">
<table class="table table-hover align-middle mb-0">
<thead class="table-light">
<tr>
<th scope="col" class="ps-4">User</th>
<th scope="col">Aktivitas</th>
<th scope="col">Status</th>
<th scope="col">Waktu</th>
</tr>
</thead>
<tbody>
<tr>
<td class="ps-4">
<div class="d-flex align-items-center">
<div class="bg-primary rounded-circle text-white d-flex justify-content-center align-items-center me-2"
style="width: 35px; height: 35px;">A</div>
<span class="fw-semibold">Andi Saputra</span>
</div>
</td>
<td>Login ke sistem</td>
<td><span
class="badge bg-success bg-opacity-10 text-success rounded-pill px-3">Sukses</span>
</td>
<td class="text-muted small">2 menit yll</td>
</tr>
<tr>
<td class="ps-4">
```

```
<div class="d-flex align-items-center">
<div class="bg-info rounded-circle text-white d-flex justify-content-center align-items-center me-2"
style="width: 35px; height: 35px;">B</div>
<span class="fw-semibold">Budi Santoro</span>
</div>
</td>
<td>Update Profil</td>
<td><span
class="badge bg-primary bg-opacity-10 text-primary rounded-pill px-3">Updated</span>
</td>
<td class="text-muted small">15 menit yll</td>
</tr>
<tr>
<td class="ps-4">
<div class="d-flex align-items-center">
<div class="bg-warning rounded-circle text-white d-flex justify-content-center align-items-center me-2"
style="width: 35px; height: 35px;">C</div>
<span class="fw-semibold">Citra Lestari</span>
</div>
</td>
<td>Reset Password</td>
<td><span
class="badge bg-warning bg-opacity-10 text-warning rounded-pill px-3">Pending</span>
</td>
<td class="text-muted small">1 jam yll</td>
</tr>
<tr>
<td class="ps-4">
<div class="d-flex align-items-center">
<div class="bg-danger rounded-circle text-white d-flex justify-content-center align-items-center me-2"
style="width: 35px; height: 35px;">D</div>
<span class="fw-semibold">Dedi Kurniawan</span>
</div>
</td>
<td>Percobaan Login Gagal</td>
<td><span
class="badge bg-danger bg-opacity-10 text-danger rounded-pill px-3">Gagal</span>
</td>
<td class="text-muted small">3 jam yll</td>
```

```
</tr>
</tbody>
</table>
</div>
</div>
<div class="card-footer bg-white text-center py-3">
<a href="#" class="text-decoration-none fw-semibold">Lihat Semua Aktivitas <i
class="fas fa-arrow-right ms-1"></i></a>
</div>
</div>
</div>

<!-- Sidebar / Widgets -->
<div class="col-lg-4">
<!-- Quick Actions -->
<div class="card shadow-sm border-0 mb-4">
<div class="card-header bg-white py-3">
<h5 class="mb-0 fw-bold">Aksi Cepat</h5>
</div>
<div class="card-body">
<div class="d-grid gap-2">
<button class="btn btn-outline-primary text-start"><i class="fas fa-plus-
circle me-2"></i>
Buat Laporan Baru</button>
<button class="btn btn-outline-secondary text-start"><i class="fas fa-user-
plus me-2"></i>
Tambah User</button>
<button class="btn btn-outline-success text-start"><i class="fas fa-file-
export me-2"></i>
Export Data</button>
</div>
</div>
</div>

<!-- Notifications or Info -->
<div class="card shadow-sm border-0">
<div class="card-header bg-white py-3">
<h5 class="mb-0 fw-bold">Informasi Sistem</h5>
</div>
<ul class="list-group list-group-flush">
<li class="list-group-item d-flex justify-content-between align-items-center
py-3">
<div>
<h6 class="mb-0">Versi Sistem</h6>
<small class="text-muted">v2.4.0 (Stable)</small>

```

```
</div>
<i class="fas fa-check-circle text-success fs-4"></i>
</li>
<li class="list-group-item d-flex justify-content-between align-items-center py-3">
<div>
<h6 class="mb-0">Status Server</h6>
<small class="text-muted">Online - 99.9% Uptime</small>
</div>
<div class="spinner-grow text-success spinner-grow-sm" role="status"></div>
</li>
<li class="list-group-item d-flex justify-content-between align-items-center py-3">
<div>
<h6 class="mb-0">Database</h6>
<small class="text-muted">MySQL - Connected</small>
</div>
<i class="fas fa-database text-primary fs-5"></i>
</li>
</ul>
</div>
</div>
</div>

<footer class="mt-5 mb-4 text-center text-secondary">
<small>© {{ date('Y') }} TP Modul 14. Developed by Mahasiswa Telkom University.</small>
</footer>
</div>

<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>
</body>

</html>
```

Langkah 7: Atur Routes (web.php)

```
<?php

use Illuminate\Support\Facades\Route;
use App\Http\Controllers\AuthController;

// Redirect root ke login
Route::get('/', function () {
    return redirect()->route('login');
});

// Group Middleware 'guest': Hanya bisa diakses jika blum login
Route::middleware('guest')->group(function () {
    Route::get('/register', [AuthController::class, 'showRegisterForm'])->name('register');
    Route::post('/register', [AuthController::class, 'register'])->name('register.submit');

    Route::get('/login', [AuthController::class, 'showLoginForm'])->name('login');
    Route::post('/login', [AuthController::class, 'login'])->name('login.submit');
});

// Group Middleware 'auth': Hanya bisa diakses jika dia udh login
Route::middleware('auth')->group(function () {
    // Halaman Dashboard
    Route::get('/dashboard', function () {
        return view('dashboard');
    })->name('dashboard');

    // Proses Logout
    Route::post('/logout', [AuthController::class, 'logout'])->name('logout');
});
```

Output

Tampilan Awal

The screenshot shows a web browser window with the URL `127.0.0.1:8000/login`. The page contains a 'Login' form with fields for 'Email' and 'Password', and a 'Login' button. Below the form is a link 'Belum punya akun? [Register](#)'.

Harus regis dulu ni sebelum login

The screenshot shows a web browser window with the URL `127.0.0.1:8000/register`. The page contains a 'Register' form with fields for 'Name' (filled with 'parhannn'), 'Email' (filled with 'parhan@gmail.com'), 'Password' (filled with '*****'), 'Confirm Password' (filled with '*****'), 'Role' (set to 'Admin'), and a 'Register' button. Below the form is a link 'Sudah punya akun? [Login](#)'.

Setelah regis coba login untuk masuk

Register' is below it. The background shows a blurred dashboard view." data-bbox="114 118 881 364"/>

Login

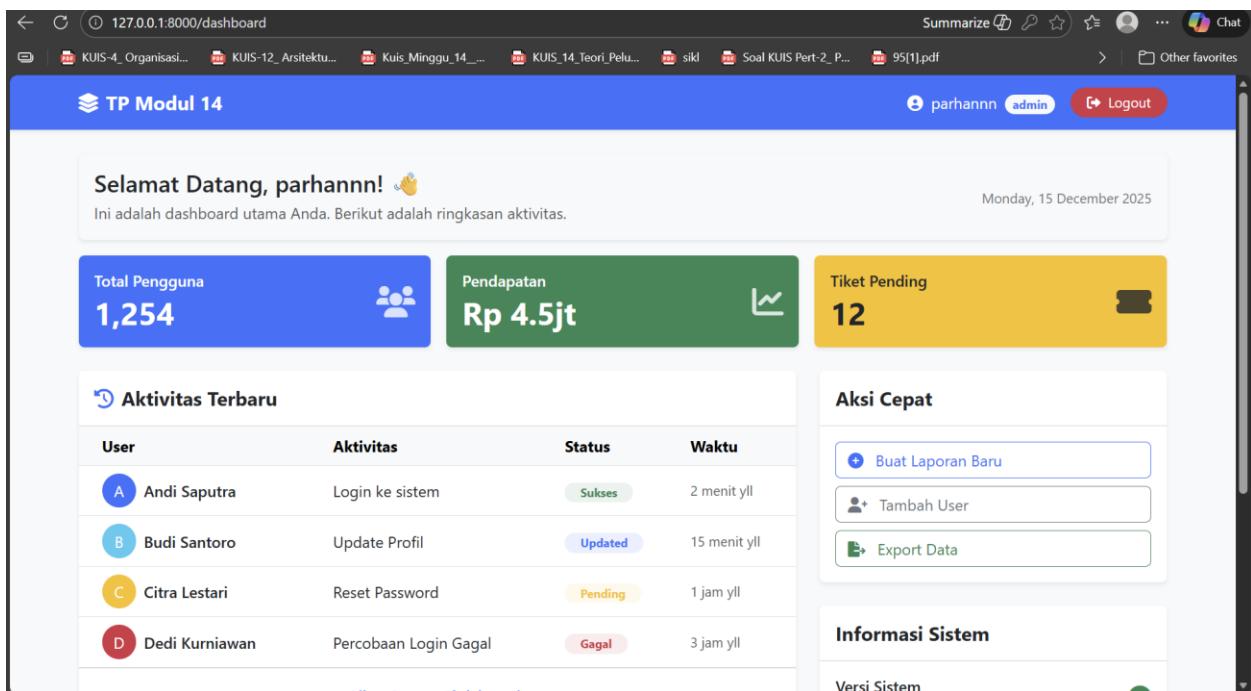
Email
parhan@gmail.com

Password
.....

Login

Belum punya akun? [Register](#)

Yaoss bisa masuk dan ini tampilan dashboard



TP Modul 14

parhan admin Logout

Selamat Datang, parhan! 🙌

Ini adalah dashboard utama Anda. Berikut adalah ringkasan aktivitas.

Monday, 15 December 2025

Total Pengguna
1,254

Pendapatan
Rp 4.5jt

Tiket Pending
12

Aktivitas Terbaru

User	Aktivitas	Status	Waktu
A Andi Saputra	Login ke sistem	Sukses	2 menit yll
B Budi Santoro	Update Profil	Updated	15 menit yll
C Citra Lestari	Reset Password	Pending	1 jam yll
D Dedi Kurniawan	Percobaan Login Gagal	Gagal	3 jam yll

Aksi Cepat

Buat Laporan Baru

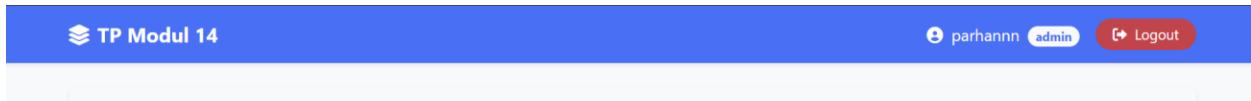
Tambah User

Export Data

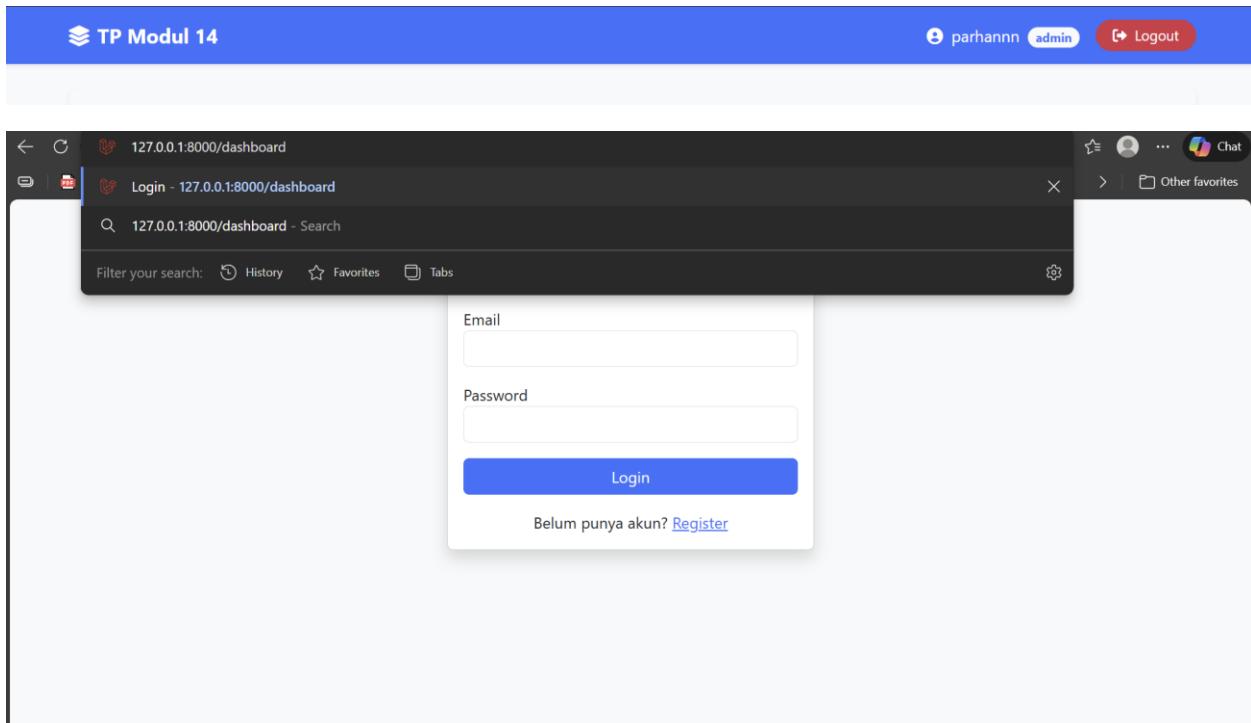
Informasi Sistem

Versi Sistem

Ketika pencet tombol logout akan Kembali ke page login



Untuk memastikan harus login dlu disini aku coba langsung masuk di page dashboard tanpa login, dan ternyata gabisa tetep disuruh login (artinya udah sesuai dan benar harus login dulu).



Jika kita tidak memasukkan email dan password yang benar maka akan muncul notif gini

