

## 1. tạo bảng tbAccount

```
/*
    DROP DATABASE IF EXISTS demo;
    CREATE DATABASE demo;
*/
USE demo;
CREATE TABLE tbAccount (
    accountID int(8) NOT NULL AUTO_INCREMENT PRIMARY KEY,
    email varchar(30),
    password varchar(10),
    fullname varchar(40),
    role int(1),
    active bit(1)
);

-- tạo tài khoản mặc định

INSERT INTO `tbAccount` ( email, password, fullname, role, active) VALUES
('quang@gmail.com', '123', 'Hoang Duc Quang', 1, b'1');

INSERT INTO `tbAccount` ( email, password, fullname, role, active) VALUES
('thuy@gmail.com', '123', 'Le Mong Thuy', 2, b'1'),
('guest@gmail.com', 'abc', 'Guest', 2, b'0');
```

## 2. tạo project laravel

### 3. tạo controller `AccountController`

### 4. tạo view

- login.blade.php
- admin/user/userAdd.blade.php
- admin/user/userList.blade.php
- user/profile.blade.php

### 5. tạo middleware `CheckLogin`

- lập trình hàm handle()

Content default:

```
public function handle(Request $request, Closure $next): Response
{
    return $next($request);
}
```

New content:

```
public function handle(Request $request, Closure $next): Response
{
    if ($request->session()->has('user')) {
        return $next($request);
    }
    return redirect('login');
}
```

- Đăng ký middleware trong tập tin app\Http\Kernel.php:

```
'checkLogin' => \App\Http\Middleware\CheckLogin::class,
```

## 6. Lập trình chức năng:

### 6a. Login:

- view: login.blade.php
- controller: AccountController / login(), authenticate()
- route:

```
Route::get('/login', [AccountController::class, 'login']);
Route::post('/checkLogin', [AccountController::class, 'authenticate']);
```

\*\*\* phân nhánh chức năng dựa theo role:

- trong authenticate(),

```
if ($user->role == 1) {
    // return redirect('admin/users');
    return redirect()->route('adminuserlist');
} else {
    // return redirect("user/details/" . $user->accountid);
    return redirect()->route('userprofile', ['id'=>$user->accountid]);
}
```

- trong route:

```
Route::prefix('admin')->name('admin')->middleware('checkLogin:admin')->
group(function() {
    Route::get('users', [AccountController::class, 'users'])->name("userlist");
    Route::get('displayAddUser', [AccountController::class, 'displayAddUser']);
    Route::post('addUser', [AccountController::class, 'addUser']);
    Route::get('resetPassword/{id}', [AccountController::class,
'resetPassword']);
});
```

```
Route::prefix('user')->name('user')->middleware('checkLogin:user,admin')->group(function() {
    Route::get('details/{id}', [AccountController::class, 'details'])->name("profile");
});
```

#### 6b. Xem danh sách user:

- view: admin/user/userList.blade.php
- controller: AccountController / users()

#### 6c. Xem thông tin user profile:

- view: user/profile.blade.php
- controller: AccountController / details(\$id)

#### 6d. logout

- controller: AccountController / logout()

#### 6e. Thêm user mới:

- view: admin/user/userAdd.blade.php
- controller: AccountController / displayAddUser(), addUser()

#### 6f. reset password:

- controller: AccountController / resetPassword(\$id)

### 7. Modify middleware, chặn lay url chạy sai chức năng

```
public function handle(Request $request, Closure $next, ...$roles)
{
    if ($request->session()->has('user')) {
        $user = $request->session()->get('user');
        // dd($roles); // echo + exit
        $r = $user->role=="admin":"user";
```

```
        if (in_array($r, $roles )) {  
            return $next($request);  
        }  
    }  
    return redirect('login');  
}
```