Laravel Authentication System

Simple login and signup system for our CSE327 project.

Dependencies

- PHP 8.2+
- Composer
- MySQL (XAMPP / Laragon)
- Node.js & NPM

How to Run

1. **Install**:

```
composer install
npm install
```

2. **Setup Database**:
   - Create a database named `cse327_app`.
   - Copy `.env.example` to `.env` and set your DB name/password.
   - Run `php artisan migrate`.
3. **Start**:

```
npm run build
php artisan serve
```

Testing

We use **PHPUnit** for all testing. Tests are categorized as follows:

1. White Box Tests (Unit Tests)

- **Location**: `tests/Unit`
- **Purpose**: Test internal logic, classes, and methods (e.g., `User` model, `AuthManager`).
- **Command**:

```
php artisan test --testsuite=Unit
```

2. Black Box Tests (Feature Tests)

- **Location**: `tests/Feature`
- **Purpose**: Test external behavior, HTTP requests, and page responses (e.g., Login page loads, Registration works).
- **Command**:

```
php artisan test --testsuite=Feature
```

Run All Tests

```
php artisan test
```

Features

- **Login** (Email & Password)
- **Sign Up** (With validation)
- **Remember Me** (Keeps you logged in)
- **Logout**
- **Secure Password Hashing**

Admin Features

- **Separate Login**: `/admin/login`

- **Admin Dashboard**: `/admin/dashboard`
- **Staff Registration**: `/admin/register`