

**LAPORAN**  
**HandsOut(Jobsheet) - Pemrograman Web – Authentication dan**  
**Authorization di Laravel**

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## Praktikum 1 : Implementasi Authentication

1. Kita buat project baru dengan mengetik perintah berikut pada Terminal atau CMD
2. Kemudian kita modifikasi file .env agar dapat terkoneksi dengan SQLite seperti berikut

```
11 DB_CONNECTION=sqlite
12 DB_HOST=127.0.0.1
13 DB_PORT=3306
14 DB_DATABASE=laravel
15 DB_USERNAME=root
16 DB_PASSWORD=
```

Jika terjadi error bahwa Laravel tidak dapat mengakses file SQLite, Anda dapat melengkapi full path seperti ini:

```
14 DB_DATABASE=C:/xampp/htdocs/laravel-auth-app/laravel
```

3. Setelah selesai, selanjutnya kita lakukan migrate dengan perintah berikut
4. Sekarang kita unduh starter kit breeze dengan composer melalui perintah berikut
5. Kemudian install dengan perintah artisan berikut

```
PS C:\xampp\htdocs\laravel-auth-app> php artisan breeze:install
```

Proses instalasi seperti gambar berikut

```
PS C:\xampp\htdocs\laravel-auth-app> php artisan breeze:install

Which Breeze stack would you like to install?
Blade with Alpine ..... blade
Livewire (Volt Class API) with Alpine ..... livewire
Livewire (Volt Functional API) with Alpine ..... livewire-functional
React with Inertia ..... react
Vue with Inertia ..... vue
API only ..... api
> blade
blade

Would you like dark mode support? (yes/no) [no]
> yes

Which testing framework do you prefer? [PHPUnit]
PHPUnit ..... 0
Pest ..... 1
> 0
0

INFO Installing and building Node dependencies.

added 144 packages, and audited 145 packages in 2m

36 packages are looking for funding
  run `npm fund` for details

3 moderate severity vulnerabilities

To address all issues, run:
  npm audit fix

Run `npm audit` for details.

> build
> vite build

vite v5.4.2 building for production...
transforming...
✓ 54 modules transformed.

rendering chunks...
computing gzip size...
public/build/manifest.json      0.27 kB | gzip: 0.14 kB
public/build/assets/app-CHVIMHEs.css 35.79 kB | gzip: 6.44 kB
public/build/assets/app-S0zcb300.js 79.06 kB | gzip: 29.43 kB
✓ built in 9.42s

INFO Breeze scaffolding installed successfully.
```

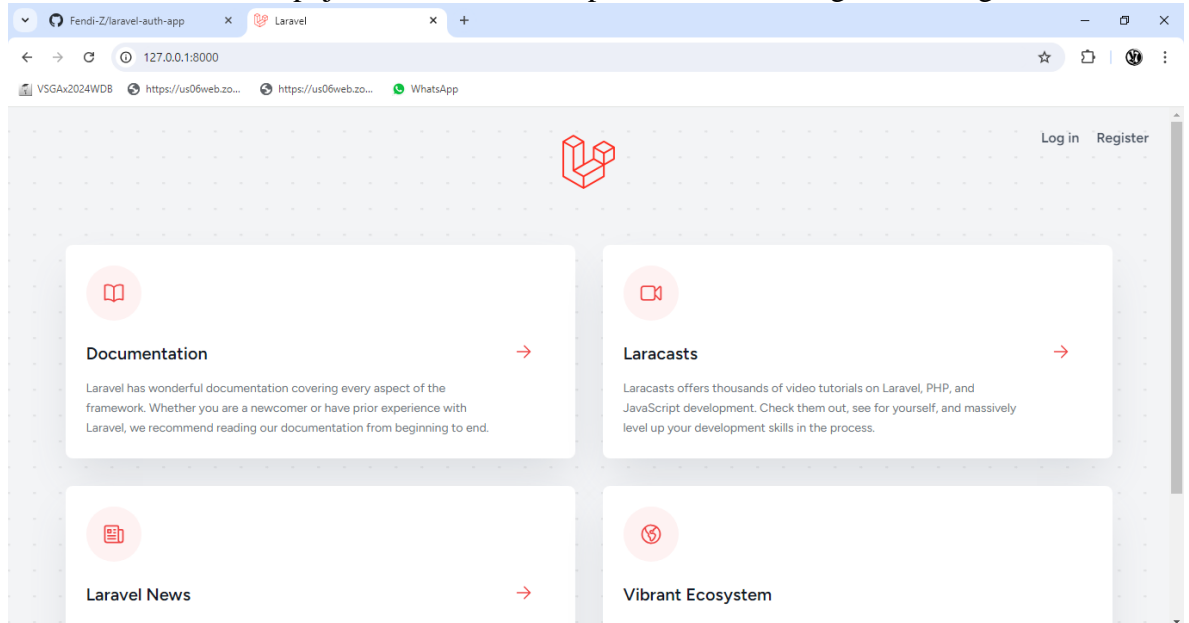
6. Selanjutnya jalankan perintah berikut

```
PS C:\xampp\htdocs\laravel-auth-app> php artisan migrate

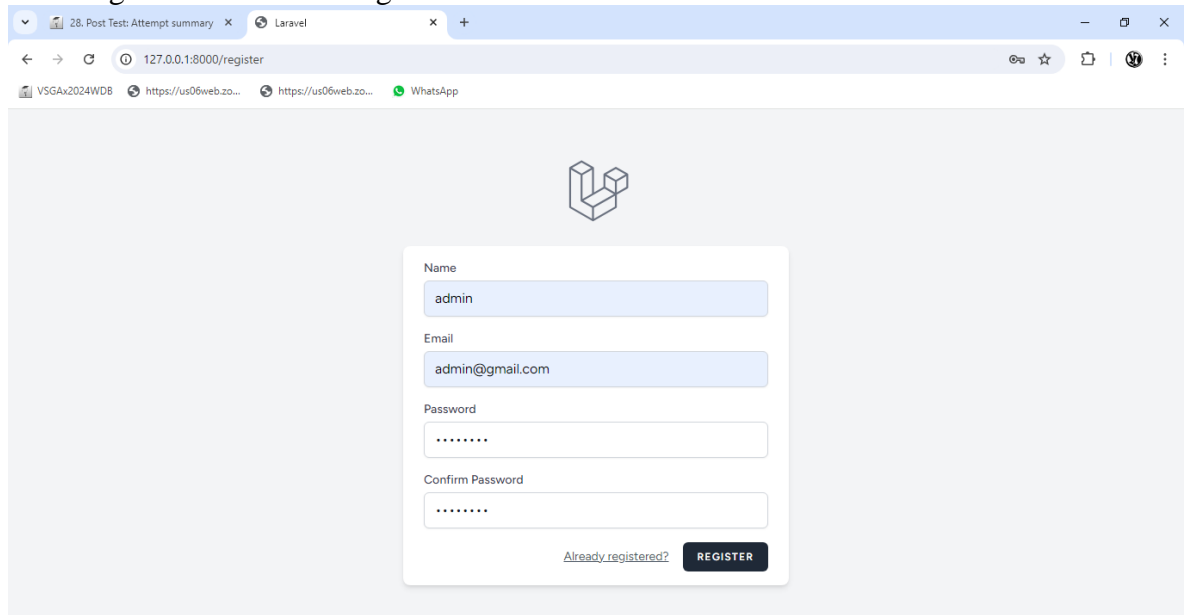
INFO Nothing to migrate.

PS C:\xampp\htdocs\laravel-auth-app> npm install
PS C:\xampp\htdocs\laravel-auth-app> npm run dev
```

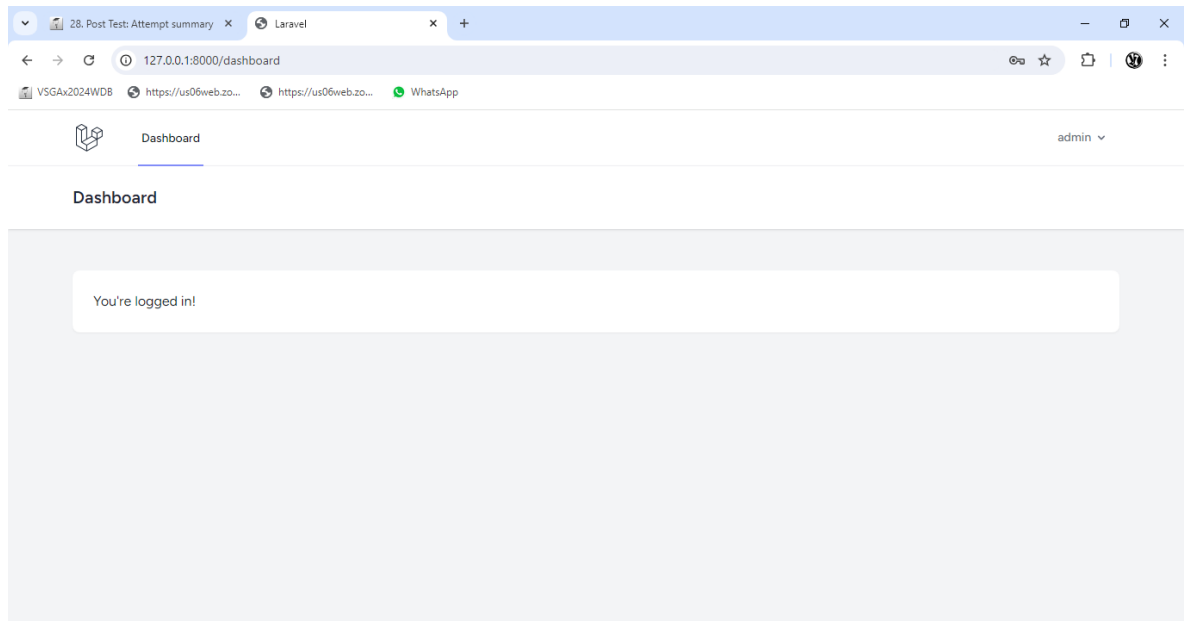
7. Selanjutnya, kita run dengan perintah php artisan serve lalu hasilnya seperti gambar berikut. Perhatikan di pojok kanan atas, terdapat menu untuk Log in dan Register.



8. Klik Register dan isi form registrasi



9. Kemudian secara otomatis masuk ke halaman Dashboard



## Praktikum 2 : Implementasi Authorizaton di Laravel

1. Kita akan menggunakan Laravel Blog Starter Kit yang dibangun dengan Laravel 10, Tailwind CSS, AlpineJS, dan Livewire
2. Lakukan git clone dengan perintah berikut di Terminal

```
C:\xampp\htdocs>git clone https://github.com/jti-polinema/laravel-blogkit
```

3. Kemudian buka project laravel-blogkit dengan code editor favorit Anda, lalu install dependensi dengan perintah composer install

```
C:\xampp\htdocs\laravel-blogkit>composer install
```

4. Pada bagian config file config/blog.php ubahlah demoMode menjadi true

```
26 // Should the site be in demo mode? (Do NOT use in production)
27 'demoMode' => env('BLOGKIT_DEMO_MODE', true), // Default: false
```

5. Lalu rename file .env.example menjadi .env

```
11 .env
12 .env.example
```

6. Sesuaikan DB config dengan menggunakan SQLite seperti pada praktikum 1 sebelumnya.

```
11 DB_CONNECTION=sqlite
12 DB_HOST=127.0.0.1
13 DB_PORT=3306
14 DB_DATABASE=C:/xampp/htdocs/laravel-blogkit/laravel
15 DB_USERNAME=root
16 DB_PASSWORD=
```

7. Kemudian jalankan perintah berikut untuk menggenerate key pada .env

```
$ php artisan key:generate
INFO Application key set successfully.
```

8. Lalu lakukan migration dengan perintah berikut

```
$ php artisan migrate
```

9. Selanjutnya kita buat akun admin dengan cara menjalankan perintah berikut

```

$ php artisan admin:create
Create new Admin User

What is your name? [Admin]:
> Admin

What is your email? [admin@example.org]:
> admin@gmail.com

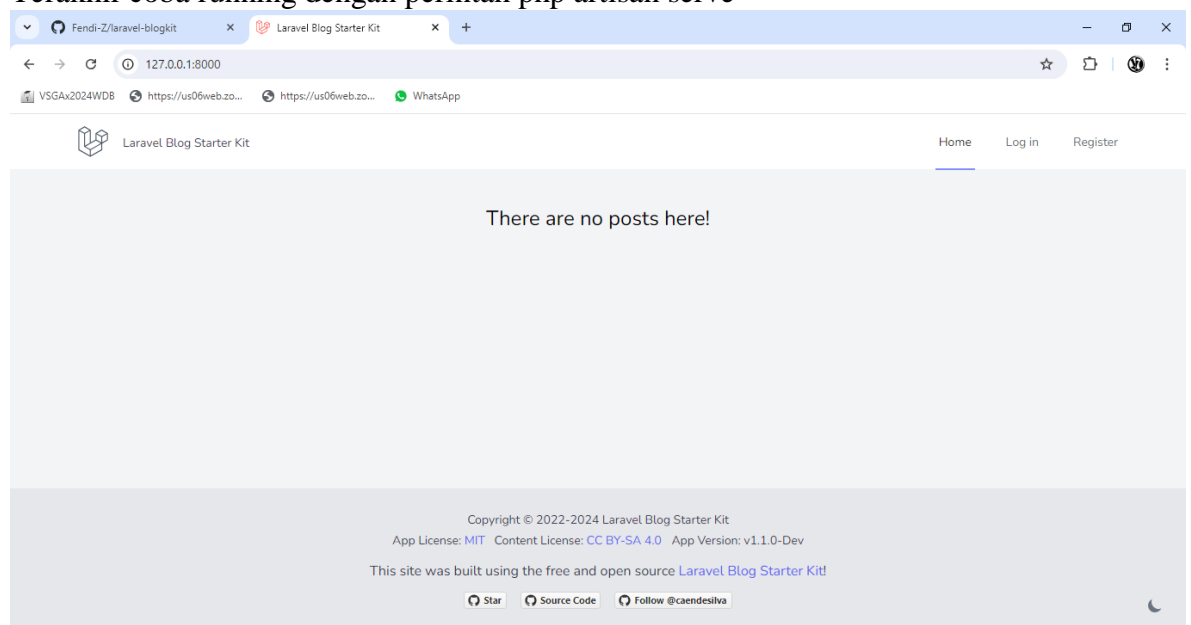
Enter a strong password:
>

Do you wish to create user Admin with email admin@gmail.com? (yes/no) [yes]:
> yes

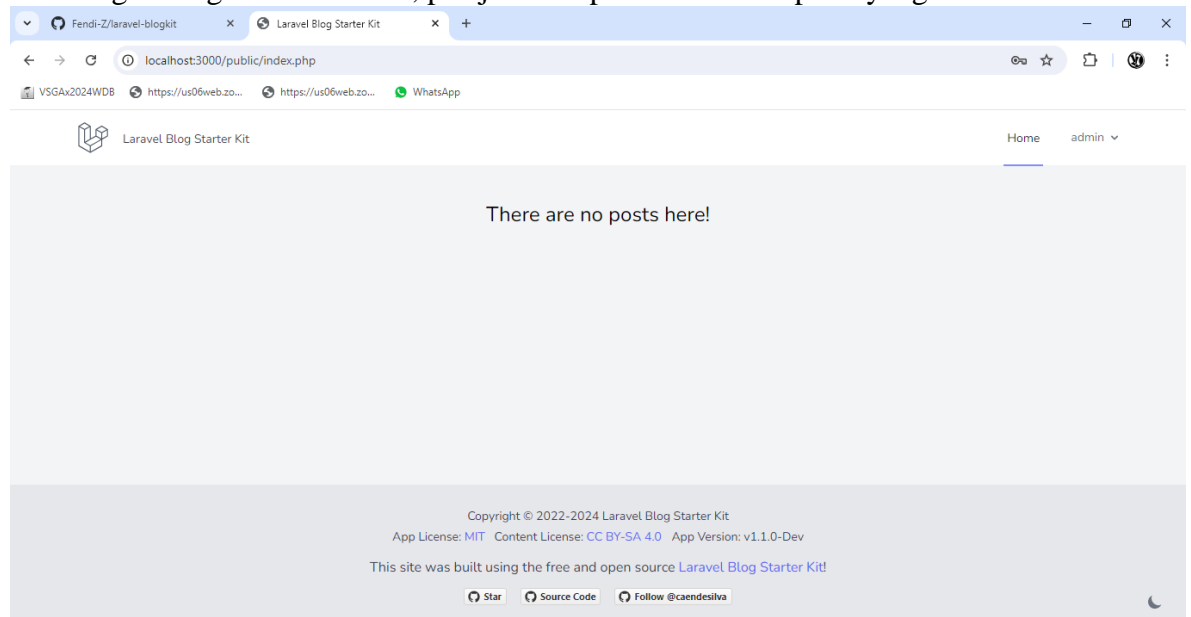
Creating a new Admin User!
User created successfully!

```

Terakhir coba running dengan perintah `php artisan serve`



10. Coba login dengan akun admin, pelajari setiap menu dan tampilan yang ada.



Fendi-ZDashboard - Laravel Blog Starter Kit

127.0.0.1:8000/dashboard

VSGAx2024WDBhttps://us06web.zo...https://us06web.zo...WhatsApp

Laravel Blog Starter KitHomeDashboardAdminNEW POST

App is in demo mode!

User created posts are hidden from the blog index and the database is reset every six hours.

Manage Posts

NEW POST

Author	Title	Published	Actions
Maxime Stehr	A necessitatibus cum magni voluptatibus ex ut omnis.	DRAFT	Edit Delete
Guest	Nostrum voluptatum voluptatem corporis.	DRAFT	Edit Delete
Maxime Stehr	Id aut eos non temporibus perferendis error natus architecto.	DRAFT	Edit Delete
Elisha Doyle	Harum laudantium fuga omnis non maxime.	DRAFT	Edit Delete
Banned	Unde consequuntur vitae harum enim voluptatem voluptatem.	2024-05-07	Edit Delete
Elisha Dovle	Itaque modi est voluptatum vitae consequuntur.	2024-02-27	Edit Delete

Fendi-ZDashboard - Laravel Blog Starter Kit

127.0.0.1:8000/dashboard

VSGAx2024WDBhttps://us06web.zo...https://us06web.zo...WhatsApp

Manage Users

ID	Name	Email	Role	Actions
#1	Admin	admin@example.org ✓	ADMIN AUTHOR	Manage
#2	Author	author@example.org ✓	AUTHOR	Manage
#3	Guest	guest@example.org ✓	AUTHOR	Manage
#4	Banned	banned@example.org ✓	AUTHOR BANNED	Manage
#5	Jean Collier	jeffery.durgan@example.com ✓	AUTHOR	Manage
#6	Mrs. Eleonore Leannon	rex82@example.net ✓	AUTHOR	Manage
#7	Shaniya Brown	petra62@example.org ✓	AUTHOR	Manage
#8	Jamil Dibbert PhD	trenton.hamill@example.net ✓	AUTHOR	Manage

Fendi-ZDashboard - Laravel Blog Starter Kit

127.0.0.1:8000/dashboard

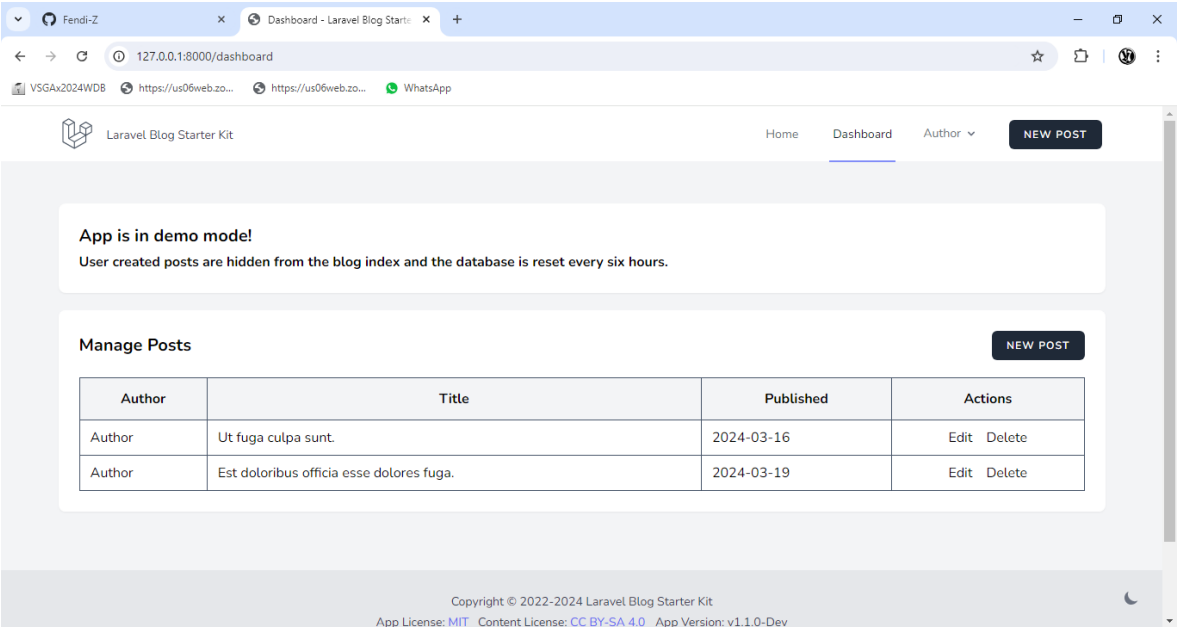
VSGAx2024WDBhttps://us06web.zo...https://us06web.zo...WhatsApp

Manage Comments

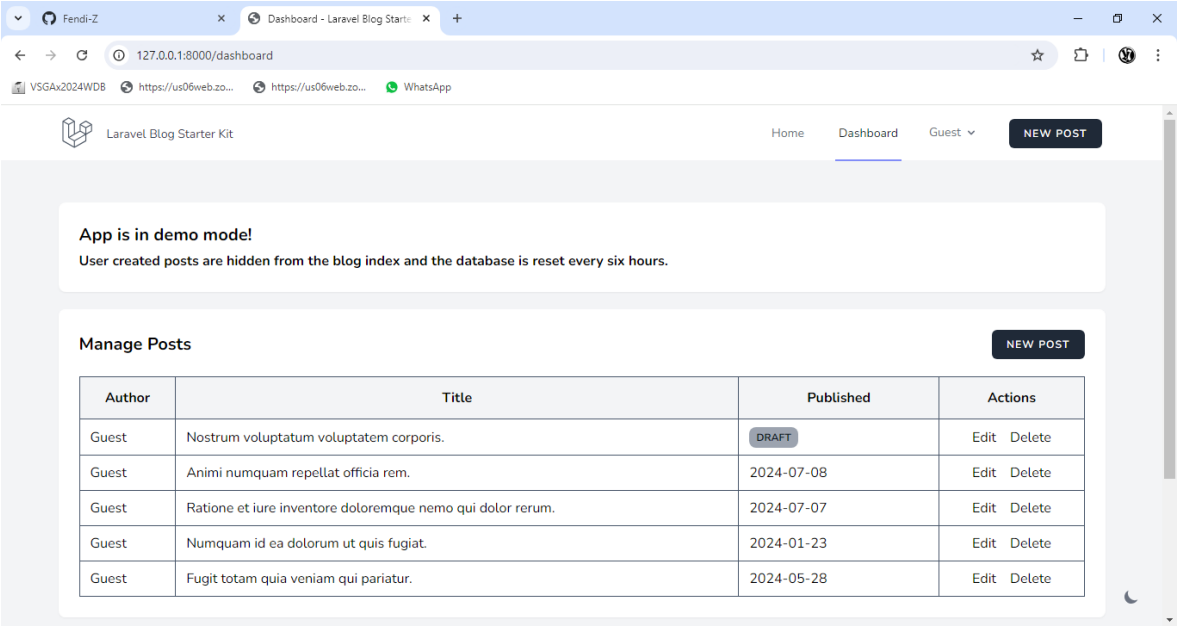
User	Post	Comment	Actions
#8 Jamil Dibbert PhD	#2 Unde consequuntur vitae harum enim voluptatem voluptatem.	Consequatur velit exercitationem temporibus velit est.	Edit Delete
#6 Mrs. Eleonore Leannon	#31 Nisi est exercitationem laudantium quis.	Tenetur quo accusamus ullam ipsa et iure omnis.	Edit Delete
#7 Shaniya Brown	#19 Expedita molestiae minima consequatur non quis non.	Saepe et non ut accusamus minus ad eius.	Edit Delete
#7 Shaniya Brown	#19 Expedita molestiae minima consequatur non quis non.	Perspiciatis quidem est et laudantium ea.	Edit Delete
#10 Elisha Doyle	#25 Sunt facilis commodi est autem.	Et aut et dolorem reiciendis ab.	Edit Delete
#7 Shaniya Brown	#20 Quos et et et ipsa.	Modi qui porro est earum recusandae aliquid nostrum.	Edit Delete
#12 Laurence Schmeler	#22 Explicabo dolores quidem illum ipsam ducimus et.	Ipsa itaque provident facilis occaecati.	Edit Delete

11. Buatlah akun dengan cara register, lalu ubah otorisasi antara admin, guest, author, dan akun yang diblokir (banned).

Author :



Guest :



Banned :

