

Curso Laravel - Roles y Permisos

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<https://www.youtube.com/watch?v=EwqZgyipKYk&list=PLhCiuvlix-rSgQNLl7Qg2KbQni3fz-ea>

Resumo do curso feito por Roberto Pinheiro

Aula 2 - Instalação de pacotes

Instalando o Laravel Collective

Acesse a URL:

<https://github.com/LaravelCollective/docs/blob/5.6/html.md>

No terminal, na pasta do projeto, entre com o seguinte comando:

composer require "laravelcollective/html": "^5.4.0"

```
C:\laragon\www\laravel-roles
λ composer require "laravelcollective/html": "^5.4.0"
./composer.json has been updated
Loading composer repositories with package information
Updating dependencies (including require-dev)
Package operations: 1 install, 0 updates, 0 removals
  - Installing laravelcollective/html (v5.6.10): Loading from cache
Writing lock file
Generating optimized autoload files
> Illuminate\Foundation\ComposerScripts::postAutoloadDump
> @php artisan package:discover
Discovered Package: fideloper/proxy
Discovered Package: laravel/tinker
Discovered Package: laravelcollective/html
Discovered Package: nunomaduro/collision
Package manifest generated successfully.

C:\laragon\www\laravel-roles
λ |
```

Abra o arquivo **config/app.php** e insira as seguintes linhas:

```
'providers' => [
    // ...
    Collective\Html\HtmlServiceProvider::class,
    // ...
],

'aliases' => [
    // ...
    'Form' => Collective\Html\FormFacade::class,
    'Html' => Collective\Html\HtmlFacade::class,
    // ...
],
```

Instalando shinobi

Trata-se de um pacote para administrar as permissões.

Acesse a URL:

<https://github.com/cafeinated/shinobi>

No terminal, na pasta do projeto, entre com o seguinte comando:

composer require caffeinated/shinobi

```
C:\laragon\www\laravel-roles
λ composer require caffeinated/shinobi
Using version ^3.3 for caffeinated/shinobi
./composer.json has been updated
Loading composer repositories with package information
Updating dependencies (including require-dev)
Package operations: 1 install, 0 updates, 0 removals
  - Installing caffeinated/shinobi (v3.3): Loading from cache
Writing lock file
Generating optimized autoload files
> Illuminate\Foundation\ComposerScripts::postAutoloadDump
> @php artisan package:discover
Discovered Package: caffeinated/shinobi
Discovered Package: fideloper/proxy
Discovered Package: laravel/tinker
Discovered Package: laravelcollective/html
Discovered Package: nunomaduro/collision
Package manifest generated successfully.

C:\laragon\www\laravel-roles
λ |
```

Abra o arquivo **config/app.php** e, em **providers**, insira a seguinte linha:

Caffeinated\Shinobi\ShinobiServiceProvider::class,

Aula 3 - Estrutura base de um sistema com regras e permissões

Alterando tamanho padrão de campo string

app/Providers/AppServiceProvider.php

```
<?php

namespace App\Providers;

use Illuminate\Support\ServiceProvider;
use Illuminate\Support\Facades\Schema;

class AppServiceProvider extends ServiceProvider
{
    public function boot()
    {
        Schema::defaultStringLength(120);
    }
    public function register()
    {
        //
    }
}
```

Criando as tabelas

php artisan migrate

```
C:\laragon\www\laravel-roles
λ php artisan migrate
Migration table created successfully.
Migrating: 2014_10_12_000000_create_users_table
Migrated: 2014_10_12_000000_create_users_table
Migrating: 2014_10_12_100000_create_password_resets_table
Migrated: 2014_10_12_100000_create_password_resets_table
Migrating: 2015_01_20_084450_create_roles_table
Migrated: 2015_01_20_084450_create_roles_table
Migrating: 2015_01_20_084525_create_role_user_table
Migrated: 2015_01_20_084525_create_role_user_table
Migrating: 2015_01_24_080208_create_permissions_table
Migrated: 2015_01_24_080208_create_permissions_table
Migrating: 2015_01_24_080433_create_permission_role_table
Migrated: 2015_01_24_080433_create_permission_role_table
Migrating: 2015_12_04_003040_add_special_role_column
Migrated: 2015_12_04_003040_add_special_role_column
Migrating: 2017_10_17_170735_create_permission_user_table
Migrated: 2017_10_17_170735_create_permission_user_table

C:\laragon\www\laravel-roles
λ |
```

Server: localhost:3306 » Database: laravel-roles

Structure SQL Search Query Export Import Operations Privileges Routines Events More

Filters

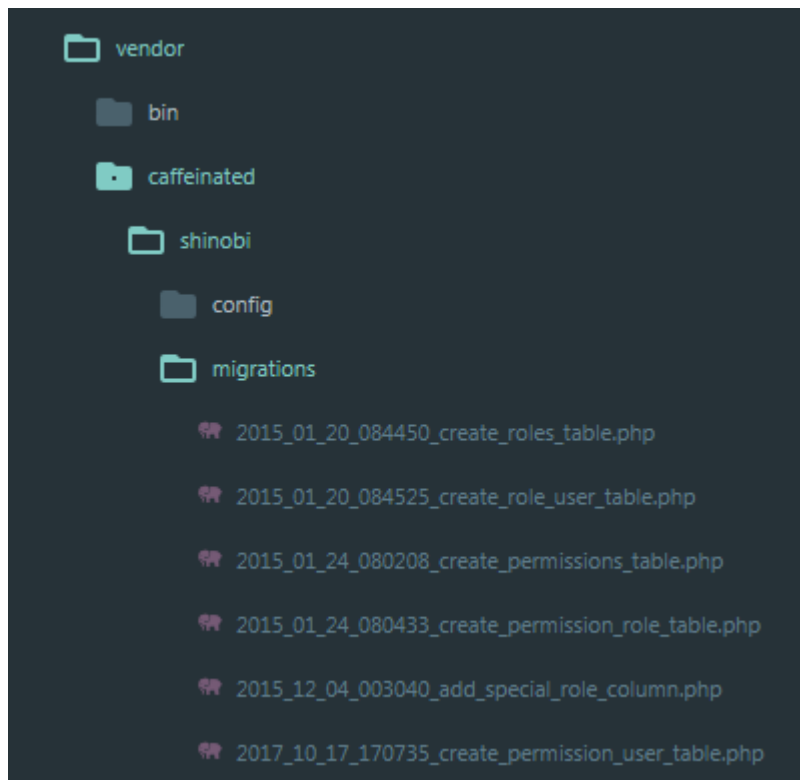
Containing the word:

Table	Action	Rows	Type	Collation	Size	Overhead
migrations		8	InnoDB	utf8mb4_unicode_ci	16 KiB	-
password_resets		0	InnoDB	utf8mb4_unicode_ci	16 KiB	-
permissions		0	InnoDB	utf8mb4_unicode_ci	16 KiB	-
permission_role		0	InnoDB	utf8mb4_unicode_ci	48 KiB	-
permission_user		0	InnoDB	utf8mb4_unicode_ci	48 KiB	-
roles		0	InnoDB	utf8mb4_unicode_ci	48 KiB	-
role_user		0	InnoDB	utf8mb4_unicode_ci	48 KiB	-
users		0	InnoDB	utf8mb4_unicode_ci	16 KiB	-
8 tables	Sum	8	InnoDB	latin1_swedish_ci	256 KiB	0 B

☐ Check all

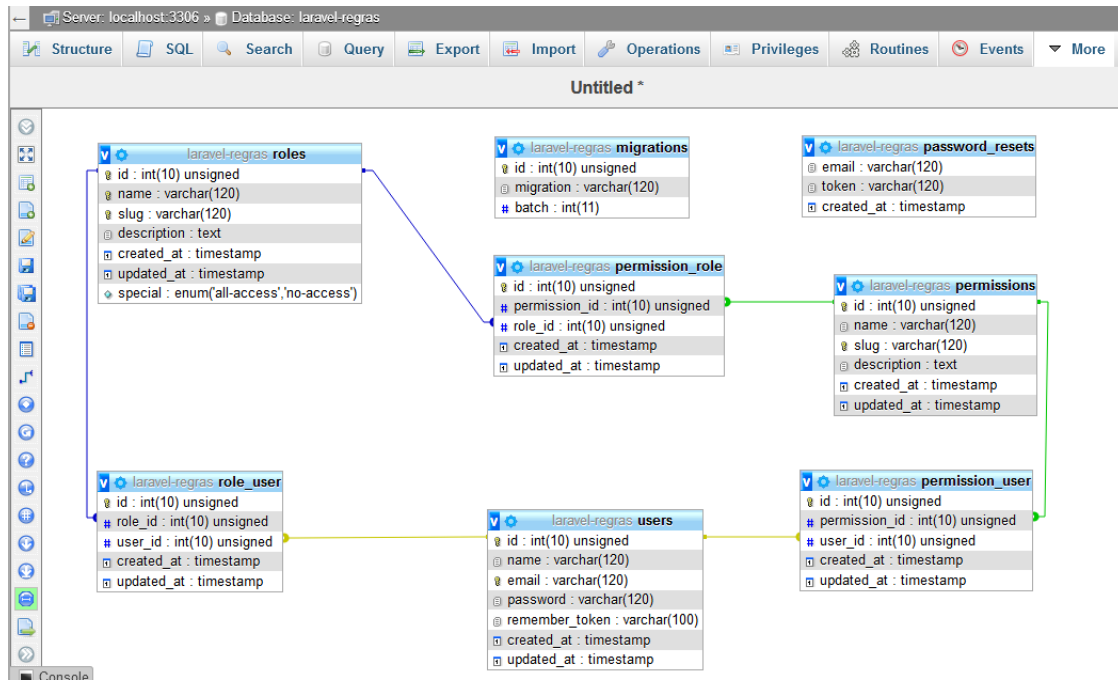
As migrações de Shinobi localizam-se na pasta:

vendor/caffeinate/shinobi/migrations



Relações entre as tabelas

Acesse o phpmyadmin e clique na aba **More**→**Design**



Criando um seed de Permissões

php artisan make:seeder PermissionsTableSeeder

```
C:\laragon\www\laravel-roles
λ php artisan make:seeder PermissionsTableSeeder
Seeder created successfully.

C:\laragon\www\laravel-roles
λ |
```

database/seeds/PermissionsTableSeeder

```
<?php
```

```
use Illuminate\Database\Seeder;
```

```
class PermissionsTableSeeder extends Seeder
{
    public function run()
    {
        //
    }
}
```

Aula 4 - Definição de permissões do sistema

database/seeds/PermissionsTableSeeder

```
<?php
```

```
use Illuminate\Database\Seeder;
```

```
use Caffeinated\Shinobi\Models\Permission;
```

```
class PermissionsTableSeeder extends Seeder
```

```
{
```

```
    public function run()
```

```
    {
```

```
        // users
```

```
        Permission::create([
```

```
            'name' => 'Exibir usuários',
```

```
            'slug'  => 'users.index',
```

```
            'description' => 'Lista e exibe todos os usuários do sistema',
```

```
        ]);
```

```
        Permission::create([
```

```
            'name' => 'Ver detalhes de usuário',
```

```
            'slug'  => 'users.show',
```

```
            'description' => 'Ver em detalhes cada usuário do sistema',
```

```
        ]);
```

```
        Permission::create([
```

```
            'name' => 'Edição de usuários',
```

```
            'slug'  => 'users.edit',
```

```
            'description' => 'Editar qualquer dado de um usuário do sistema',
```

```
        ]);
```

```
        Permission::create([
```

```
            'name' => 'Eliminar usuário',
```

```
            'slug'  => 'users.destroy',
```

```
            'description' => 'Eliminar qualquer usuário do sistema',
```

```
        ]);
```

```
        // Roles
```

```
        Permission::create([
```

```
            'name' => 'Exibir roles',
```

```
            'slug'  => 'roles.index',
```

```
            'description' => 'Lista e exibe todos os roles do sistema',
```

```
        ]);
```

```
        Permission::create([
```

```
            'name' => 'Ver detalhes de rol',
```

```
            'slug'  => 'roles.show',
```

```
            'description' => 'Ver em detalhes cada role do sistema',
```

```
        ]);
```

```

Permission::create([
  'name' => 'Criação de rol',
  'slug'  => 'roles.create',
  'description' => 'Criar role do sistema',
]);
Permission::create([
  'name' => 'Edição de rol',
  'slug'  => 'roles.edit',
  'description' => 'Editar qualquer dado de um role do sistema',
]);
Permission::create([
  'name' => 'Eliminar rol',
  'slug'  => 'roles.destroy',
  'description' => 'Eliminar qualquer role do sistema',
]);

// Products

Permission::create([
  'name' => 'Exibir produtos',
  'slug'  => 'products.index',
  'description' => 'Lista e exibe todos os produtos do sistema',
]);
Permission::create([
  'name' => 'Ver detalhes de produto',
  'slug'  => 'products.show',
  'description' => 'Ver em detalhes cada produto do sistema',
]);
Permission::create([
  'name' => 'Criação de produto',
  'slug'  => 'products.create',
  'description' => 'Criar produto do sistema',
]);
Permission::create([
  'name' => 'Edição de produto',
  'slug'  => 'products.edit',
  'description' => 'Editar qualquer dado de um produto do sistema',
]);
Permission::create([
  'name' => 'Eliminar produto',
  'slug'  => 'products.destroy',
  'description' => 'Eliminar qualquer produto do sistema',
]);
}
}

```

database/seeds/DatabaseTableSeeder

```
<?php
```

```
use Illuminate\Database\Seeder;
```

```
class DatabaseSeeder extends Seeder
```

```
{
```

```
    public function run()
```

```
    {
```

```
        $this->call(PermissionsTableSeeder::class);
```

```
    }
```

```
}
```

Criando os registros de permissões

```
php artisan migrate:refresh --seed
```

```
C:\laragon\www\laravel-roles
λ php artisan migrate:refresh --seed
Rolling back: 2017_10_17_170735_create_permission_user_table
Rolled back: 2017_10_17_170735_create_permission_user_table
Rolling back: 2015_12_04_003040_add_special_role_column
Rolled back: 2015_12_04_003040_add_special_role_column
Rolling back: 2015_01_24_080433_create_permission_role_table
Rolled back: 2015_01_24_080433_create_permission_role_table
Rolling back: 2015_01_24_080208_create_permissions_table
Rolled back: 2015_01_24_080208_create_permissions_table
Rolling back: 2015_01_20_084525_create_role_user_table
Rolled back: 2015_01_20_084525_create_role_user_table
Rolling back: 2015_01_20_084450_create_roles_table
Rolled back: 2015_01_20_084450_create_roles_table
Rolling back: 2014_10_12_100000_create_password_resets_table
Rolled back: 2014_10_12_100000_create_password_resets_table
Rolling back: 2014_10_12_000000_create_users_table
Rolled back: 2014_10_12_000000_create_users_table
Migrating: 2014_10_12_000000_create_users_table
Migrated: 2014_10_12_000000_create_users_table
Migrating: 2014_10_12_100000_create_password_resets_table
Migrated: 2014_10_12_100000_create_password_resets_table
Migrating: 2015_01_20_084450_create_roles_table
Migrated: 2015_01_20_084450_create_roles_table
Migrating: 2015_01_20_084525_create_role_user_table
Migrated: 2015_01_20_084525_create_role_user_table
Migrating: 2015_01_24_080208_create_permissions_table
Migrated: 2015_01_24_080208_create_permissions_table
Migrating: 2015_01_24_080433_create_permission_role_table
Migrated: 2015_01_24_080433_create_permission_role_table
Migrating: 2015_12_04_003040_add_special_role_column
Migrated: 2015_12_04_003040_add_special_role_column
Migrating: 2017_10_17_170735_create_permission_user_table
Migrated: 2017_10_17_170735_create_permission_user_table
Seeding: PermissionsTableSeeder

C:\laragon\www\laravel-roles
λ |
```


Server: localhost:3306 Database: laravel-roles Table: permissions

Showing rows 0 - 13 (14 total. Query took 0.0100 seconds.)

SELECT * FROM `permissions`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

		id	name	slug	description	created_at	updated_at
<input type="checkbox"/>	Edit Copy Delete	1	Exibir usuários	users.index	Lista e exibe todos os usuários do sistema	2019-04-17 20:56:40	2019-04-17 20:56:40
<input type="checkbox"/>	Edit Copy Delete	2	Ver detalhes de usuário	users.show	Ver em detalhes cada usuário do sistema	2019-04-17 20:56:40	2019-04-17 20:56:40
<input type="checkbox"/>	Edit Copy Delete	3	Edição de usuários	users.edit	Editar qualquer dado de um usuário do sistema	2019-04-17 20:56:40	2019-04-17 20:56:40
<input type="checkbox"/>	Edit Copy Delete	4	Eliminar usuário	users.destroy	Eliminar qualquer usuário do sistema	2019-04-17 20:56:40	2019-04-17 20:56:40
<input type="checkbox"/>	Edit Copy Delete	5	Exibir roles	roles.index	Lista e exibe todos os roles do sistema	2019-04-17 20:56:40	2019-04-17 20:56:40
<input type="checkbox"/>	Edit Copy Delete	6	Ver detalhes de rol	roles.show	Ver em detalhes cada role do sistema	2019-04-17 20:56:40	2019-04-17 20:56:40
<input type="checkbox"/>	Edit Copy Delete	7	Criação de rol	roles.create	Criar role do sistema	2019-04-17 20:56:40	2019-04-17 20:56:40
<input type="checkbox"/>	Edit Copy Delete	8	Edição de rol	roles.edit	Editar qualquer dado de um role do sistema	2019-04-17 20:56:41	2019-04-17 20:56:41
<input type="checkbox"/>	Edit Copy Delete	9	Eliminar rol	roles.destroy	Eliminar qualquer role do sistema	2019-04-17 20:56:41	2019-04-17 20:56:41
<input type="checkbox"/>	Edit Copy Delete	10	Exibir produtos	products.index	Lista e exibe todos os produtos do sistema	2019-04-17 20:56:41	2019-04-17 20:56:41
<input type="checkbox"/>	Edit Copy Delete	11	Ver detalhes de produto	products.show	Ver em detalhes cada produto do sistema	2019-04-17 20:56:41	2019-04-17 20:56:41
<input type="checkbox"/>	Edit Copy Delete	12	Criação de produto	products.create	Criar produto do sistema	2019-04-17 20:56:41	2019-04-17 20:56:41
<input type="checkbox"/>	Edit Copy Delete	13	Edição de produto	products.edit	Editar qualquer dado de um produto do sistema	2019-04-17 20:56:41	2019-04-17 20:56:41
<input type="checkbox"/>	Edit Copy Delete	14	Eliminar produto	products.destroy	Eliminar qualquer produto do sistema	2019-04-17 20:56:41	2019-04-17 20:56:41

Aula 5 - Factory, migrations, models, controllers

model, factory, migration e controller de Produtos

php artisan make:model Product -a

```
C:\laragon\www\laravel-roles
λ php artisan make:model Product -a
Model created successfully.
Factory created successfully.
Created Migration: 2019_04_17_210019_create_products_table
Controller created successfully.

C:\laragon\www\laravel-roles
λ |
```

criando seeders para usuários e produtos

php artisan make:seeder ProductsTableSeeder

```
C:\laragon\www\laravel-roles
λ php artisan make:seeder ProductsTableSeeder
Seeder created successfully.

C:\laragon\www\laravel-roles
λ |
```

php artisan make:seeder UsersTableSeeder

```
C:\laragon\www\laravel-roles
λ php artisan make:seeder UsersTableSeeder
Seeder created successfully.

C:\laragon\www\laravel-roles
λ |
```

Aula 6 - Seeders

database/migrations/ 2019_04_17_210019_create_products_table.php

```
<?php
```

```
use Illuminate\Support\Facades\Schema;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Database\Migrations\Migration;
```

```
class CreateProductsTable extends Migration
{
    public function up()
    {
        Schema::create('products', function (Blueprint $table) {
            $table->increments('id');
            $table->string('name');
            $table->string('description');
            $table->timestamps();
        });
    }

    public function down()
    {
        Schema::dropIfExists('products');
    }
}
```

database/factories/ProductFactory.php

```
<?php
```

```
use Faker\Generator as Faker;
```

```
$factory->define(App\Product::class, function (Faker $faker) {
    return [
        'name' => $faker -> sentence,
        'description' => $faker -> sentence
    ];
});
```

database/factories/UserFactory.php

```
<?php

use Faker\Generator as Faker;

/*
|-----
| Model Factories
|-----
|
| This directory should contain each of the model factory definitions for
| your application. Factories provide a convenient way to generate new
| model instances for testing / seeding your application's database.
|
*/

$factory->define(App\User::class, function (Faker $faker) {
    return [
        'name' => $faker->name,
        'email' => $faker->unique()->safeEmail,
        'password' =>
'$2y$10$TKh8H1.PfQx37YgCzwiKb.KjNyWgaHb9cbcoQgdIVF1Yg7B77UdFm', // secret
        'remember_token' => str_random(10),
    ];
});
```

database/seeds/UsersTableSeeder.php

```
<?php

use Illuminate\Database\Seeder;
use Caffeinated\Shinobi\Models\Role;

class UsersTableSeeder extends Seeder
{
    public function run()
    {
        factory(App\User::class, 20)->create();
        Role::create([
            'name' => 'Admin',
            'slug' => 'admin',
            'special' => 'all-access'
        ]);
    }
}
```

database/seeds/ProductsTableSeeder.php

```
<?php

use Illuminate\Database\Seeder;

class ProductsTableSeeder extends Seeder
{
    public function run()
    {
        factory(App\Product::class, 80) -> create();
    }
}
```

database/seeds/DatabaseTableSeeder

```
<?php

use Illuminate\Database\Seeder;

class DatabaseSeeder extends Seeder
{
    public function run()
    {
        $this->call(PermissionsTableSeeder::class);
        $this->call(ProductsTableSeeder::class);
        $this->call(UsersTableSeeder::class);
    }
}
```

Populando as tabelas de produtos e usuários

php artisan migrate:refresh --seed

```
λ php artisan migrate:refresh --seed
Rolling back: 2019_04_17_210019_create_products_table
Rolled back: 2019_04_17_210019_create_products_table
Rolling back: 2017_10_17_170735_create_permission_user_table
Rolled back: 2017_10_17_170735_create_permission_user_table
Rolling back: 2015_12_04_003040_add_special_role_column
Rolled back: 2015_12_04_003040_add_special_role_column
Rolling back: 2015_01_24_080433_create_permission_role_table
Rolled back: 2015_01_24_080433_create_permission_role_table
Rolling back: 2015_01_24_080208_create_permissions_table
Rolled back: 2015_01_24_080208_create_permissions_table
Rolling back: 2015_01_20_084525_create_role_user_table
Rolled back: 2015_01_20_084525_create_role_user_table
Rolling back: 2015_01_20_084450_create_roles_table
Rolled back: 2015_01_20_084450_create_roles_table
Rolling back: 2014_10_12_100000_create_password_resets_table
Rolled back: 2014_10_12_100000_create_password_resets_table
Rolling back: 2014_10_12_000000_create_users_table
Rolled back: 2014_10_12_000000_create_users_table
Migrating: 2014_10_12_000000_create_users_table
Migrated: 2014_10_12_000000_create_users_table
Migrating: 2014_10_12_100000_create_password_resets_table
Migrated: 2014_10_12_100000_create_password_resets_table
Migrating: 2015_01_20_084450_create_roles_table
Migrated: 2015_01_20_084450_create_roles_table
Migrating: 2015_01_20_084525_create_role_user_table
Migrated: 2015_01_20_084525_create_role_user_table
Migrating: 2015_01_24_080208_create_permissions_table
Migrated: 2015_01_24_080208_create_permissions_table
Migrating: 2015_01_24_080433_create_permission_role_table
Migrated: 2015_01_24_080433_create_permission_role_table
Migrating: 2015_12_04_003040_add_special_role_column
Migrated: 2015_12_04_003040_add_special_role_column
Migrating: 2017_10_17_170735_create_permission_user_table
Migrated: 2017_10_17_170735_create_permission_user_table
Migrating: 2019_04_17_210019_create_products_table
Migrated: 2019_04_17_210019_create_products_table
Seeding: PermissionsTableSeeder
Seeding: ProductsTableSeeder
Seeding: UsersTableSeeder
```

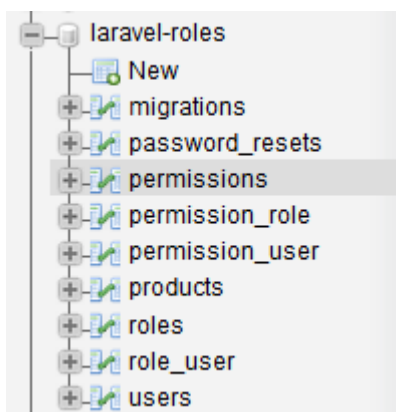


Tabela de Usuários

Showing rows 0 - 19 (20 total, Query took 0.0100 seconds.)

SELECT * FROM `users`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

		id	name	email	password	remember_token	created_at	upd
	Edit Copy Delete	1	Adolfo Dibbert	immanuel.greenfelder@example.com	\$2y\$10\$TKh8H1.PfQx37YgCzwIKb.KjNyWgaHb9cbcoQgdIVFL...	kBg57Oo8RW	2019-04-17 21:27:01	201
	Edit Copy Delete	2	Prof. Amelia Pagac Sr.	gherzog@example.net	\$2y\$10\$TKh8H1.PfQx37YgCzwIKb.KjNyWgaHb9cbcoQgdIVFL...	yzlACi4tSh	2019-04-17 21:27:01	201
	Edit Copy Delete	3	Everett Schamberger	rollin77@example.com	\$2y\$10\$TKh8H1.PfQx37YgCzwIKb.KjNyWgaHb9cbcoQgdIVFL...	zkfwU9HhAb	2019-04-17 21:27:01	201
	Edit Copy Delete	4	Adrienne Homenick PhD	pratke@example.org	\$2y\$10\$TKh8H1.PfQx37YgCzwIKb.KjNyWgaHb9cbcoQgdIVFL...	Z08ULPq4pb	2019-04-17 21:27:01	201
	Edit Copy Delete	5	Ona Rolfson	kunze.darwin@example.com	\$2y\$10\$TKh8H1.PfQx37YgCzwIKb.KjNyWgaHb9cbcoQgdIVFL...	ovnVygxP91	2019-04-17 21:27:01	201
	Edit Copy Delete	6	Preston Pouros	kroob@example.org	\$2y\$10\$TKh8H1.PfQx37YgCzwIKb.KjNyWgaHb9cbcoQgdIVFL...	xmECi8EvhQ	2019-04-17 21:27:01	201
	Edit Copy Delete	7	Olin Bahringer	steuber.rosemary@example.com	\$2y\$10\$TKh8H1.PfQx37YgCzwIKb.KjNyWgaHb9cbcoQgdIVFL...	6pJNyyyduZ	2019-04-17 21:27:02	201
	Edit Copy Delete	8	Dr. Billie Kiehn DDS	jones.lavon@example.com	\$2y\$10\$TKh8H1.PfQx37YgCzwIKb.KjNyWgaHb9cbcoQgdIVFL...	Hsk4GsPTAI	2019-04-17 21:27:02	201
	Edit Copy Delete	9	Ms. Carmela Hauck	darron.denesik@example.com	\$2y\$10\$TKh8H1.PfQx37YgCzwIKb.KjNyWgaHb9cbcoQgdIVFL...	Vj2RNzuQKh	2019-04-17 21:27:02	201
	Edit Copy Delete	10	Edmond D'Amore	durgan.citlalli@example.org	\$2y\$10\$TKh8H1.PfQx37YgCzwIKb.KjNyWgaHb9cbcoQgdIVFL...	KY4Y4luzuW	2019-04-17 21:27:02	201
	Edit Copy Delete	11	Miss Rosemarie Daugherty III	yheaney@example.net	\$2y\$10\$TKh8H1.PfQx37YgCzwIKb.KjNyWgaHb9cbcoQgdIVFL...	zvc08ox63Z	2019-04-17 21:27:02	201
	Edit Copy Delete	12	Miss Demetris Yost IV	godfrey04@example.net	\$2y\$10\$TKh8H1.PfQx37YgCzwIKb.KjNyWgaHb9cbcoQgdIVFL...	e5ICBDXYLR	2019-04-17 21:27:02	201
	Edit Copy Delete	13	Mr. Chauncey Beatty DDS	mack.hilpert@example.org	\$2y\$10\$TKh8H1.PfQx37YgCzwIKb.KjNyWgaHb9cbcoQgdIVFL...	enOF1mgLQ8	2019-04-17 21:27:02	201
	Edit Copy Delete	14	Harvey Schulist	bahringer.charley@example.org	\$2y\$10\$TKh8H1.PfQx37YgCzwIKb.KjNyWgaHb9cbcoQgdIVFL...	rsnV78Xkp9	2019-04-17 21:27:02	201
	Edit Copy Delete	15	Stella Herman	simonis.claire@example.org	\$2y\$10\$TKh8H1.PfQx37YgCzwIKb.KjNyWgaHb9cbcoQgdIVFL...	ODksTWWOrp	2019-04-17 21:27:02	201
	Edit Copy Delete	16	Nico Aufderhar	christine.mitchell@example.net	\$2y\$10\$TKh8H1.PfQx37YgCzwIKb.KjNyWgaHb9cbcoQgdIVFL...	iq80Xot9KZ	2019-04-17 21:27:02	201
	Edit Copy Delete	17	Prof. Tremayne Bins	bradford52@example.net	\$2y\$10\$TKh8H1.PfQx37YgCzwIKb.KjNyWgaHb9cbcoQgdIVFL...	E9eiCFDFmy	2019-04-17 21:27:02	201
	Edit Copy Delete	18	Carlee Hettinger PhD	klings.kayli@example.net	\$2y\$10\$TKh8H1.PfQx37YgCzwIKb.KjNyWgaHb9cbcoQgdIVFL...	cnhetMKY8cx	2019-04-17 21:27:02	201
	Edit Copy Delete	19	Clemens Rippin I	maryse.smith@example.com	\$2y\$10\$TKh8H1.PfQx37YgCzwIKb.KjNyWgaHb9cbcoQgdIVFL...	laCj0eJvPg	2019-04-17 21:27:02	201
	Edit Copy Delete	20	Novella Kuphal	rkohler@example.org	\$2y\$10\$TKh8H1.PfQx37YgCzwIKb.KjNyWgaHb9cbcoQgdIVFL...	8BWGiufi3i	2019-04-17 21:27:02	201

Check all | With selected: Edit Copy Delete Export

Tabela de produtos

Showing rows 0 - 79 (80 total, Query took 0.0100 seconds.)

SELECT * FROM `products`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 100 | Filter rows: Search this table | Sort by key: None

+ Options

		id	name	description	created_at	updated_at
	Edit Copy Delete	1	Culpa non sed asperiores necessitatibus.	Volutpas non recusandae et neque sit nihil et sed.	2019-04-17 21:26:58	2019-04-17 21:26:58
	Edit Copy Delete	2	Quam distinctio occaecati dolores a saepe fuga occ...	Explicabo quia placeat aut nostrum.	2019-04-17 21:26:58	2019-04-17 21:26:58
	Edit Copy Delete	3	Autem qui tenetur rerum officia iure odio.	Quae ut molestias provident laudantium eligendi mo...	2019-04-17 21:26:59	2019-04-17 21:26:59
	Edit Copy Delete	4	Quo eaque alias tempora voluptates et officia.	Sit dolores ut quia nihil sit in.	2019-04-17 21:26:59	2019-04-17 21:26:59
	Edit Copy Delete	5	Sunt nobis beatae perferendis et molestiae tempori...	Distinctio similique dolores omnis iure et.	2019-04-17 21:26:59	2019-04-17 21:26:59
	Edit Copy Delete	6	Quia recusandae perspiciatis facilis animi natus r...	Sunt expedita ad ut ipsum nobis inventore.	2019-04-17 21:26:59	2019-04-17 21:26:59
	Edit Copy Delete	7	Ipsa ut possimus nisi quasi quidem officis et dol...	Possimus repellendus temporibus et blanditis quo.	2019-04-17 21:26:59	2019-04-17 21:26:59
	Edit Copy Delete	8	Quia est odit mollitia vitae quaerat ullam et.	Magnam laudantium saepe voluptatum qui distinctio ...	2019-04-17 21:26:59	2019-04-17 21:26:59
	Edit Copy Delete	9	Enim nobis in similique id.	Architecto cumque facilis natus animi.	2019-04-17 21:26:59	2019-04-17 21:26:59
	Edit Copy Delete	10	Vitae magnam aut dolorem voluptatem enim.	Ducimus sed sequi beatae id et velit amet.	2019-04-17 21:26:59	2019-04-17 21:26:59
	Edit Copy Delete	11	Exercitationem sunt adipisci consequatur debitis.	Vel voluptatem quisquam natus similique.	2019-04-17 21:26:59	2019-04-17 21:26:59
	Edit Copy Delete	12	Eos dicta praesentium qui qui inventore.	Officia placeat non harum rerum.	2019-04-17 21:26:59	2019-04-17 21:26:59
	Edit Copy Delete	13	Repellendus at ab deserunt quo non.	Ex vel non hic dicta.	2019-04-17 21:26:59	2019-04-17 21:26:59
	Edit Copy Delete	14	Hic ut tenetur facilis.	Magni quos quisquam numquam qui.	2019-04-17 21:26:59	2019-04-17 21:26:59
	Edit Copy Delete	15	Quidem distinctio rem voluptatem omnis quisquam pe...	Veritatis harum rerum inventore esse.	2019-04-17 21:26:59	2019-04-17 21:26:59

Tabela de roles:

✔ Showing rows 0 - 0 (1 total, Query took 0.0200 seconds.)

```
SELECT * FROM `roles`
```

☐ Show all | Number of rows: 25 Filter rows:

+ Options

<input type="checkbox"/>	<input type="button" value="↩"/>	<input type="button" value="T"/>	<input type="button" value="→"/>	<input type="button" value="v"/>	id	name	slug	description	created_at	updated_at	special
<input type="checkbox"/>	<input type="button" value="✎"/>	<input type="button" value="📄"/>	<input type="button" value="🗑"/>	<input type="button" value="1"/>	Admin	admin	NULL		2019-04-17 21:27:02	2019-04-17 21:27:02	all-access

☐ Check all With selected: Edit Copy Delete Export

Aula 7 - Middleware de Papéis e Permissões

Autenticação

php artisan make:auth

```
C:\laragon\www\laravel-roles
λ php artisan make:auth
Authentication scaffolding generated successfully.

C:\laragon\www\laravel-roles
λ |
```

routes/web.php

```
<?php
```

```
/*
|-----
| Web Routes
|-----
|
| Here is where you can register web routes for your application. These
| routes are loaded by the RouteServiceProvider within a group which
| contains the "web" middleware group. Now create something great!
|
*/
```

```
Route::get('/', function () {
    return view('welcome');
});
```

```
Auth::routes();
```

```
Route::get('/home', 'HomeController@index')->name('home');
```

Configurando Middleware

app/Http/kernel.php

```
<?php

namespace App\Http;

use Illuminate\Foundation\Http\Kernel as HttpKernel;

class Kernel extends HttpKernel
{
    /**
     * The application's global HTTP middleware stack.
     *
     * These middleware are run during every request to your application.
     *
     * @var array
     */
    protected $middleware = [
        \Illuminate\Foundation\Http\Middleware\CheckForMaintenanceMode::class,
        \Illuminate\Foundation\Http\Middleware\ValidatePostSize::class,
        \App\Http\Middleware\TrimStrings::class,
        \Illuminate\Foundation\Http\Middleware\ConvertEmptyStringsToNull::class,
        \App\Http\Middleware\TrustProxies::class,
    ];

    /**
     * The application's route middleware groups.
     *
     * @var array
     */
    protected $middlewareGroups = [
        'web' => [
            \App\Http\Middleware\EncryptCookies::class,
            \Illuminate\Cookie\Middleware\AddQueuedCookiesToResponse::class,
            \Illuminate\Session\Middleware\StartSession::class,
            // \Illuminate\Session\Middleware\AuthenticateSession::class,
            \Illuminate\View\Middleware\ShareErrorsFromSession::class,
            \App\Http\Middleware\VerifyCsrfToken::class,
            \Illuminate\Routing\Middleware\SubstituteBindings::class,
        ],

        'api' => [
            'throttle:60,1',
            'bindings',
        ],
    ];
}
```

```

/**
 * The application's route middleware.
 *
 * These middleware may be assigned to groups or used individually.
 *
 * @var array
 */
protected $routeMiddleware = [
    'auth' => \Illuminate\Auth\Middleware\Authenticate::class,
    'auth.basic' => \Illuminate\Auth\Middleware\AuthenticateWithBasicAuth::class,
    'bindings' => \Illuminate\Routing\Middleware\SubstituteBindings::class,
    'cache.headers' => \Illuminate\Http\Middleware\SetCacheHeaders::class,
    'can' => \Illuminate\Auth\Middleware\Authorize::class,
    'guest' => \App\Http\Middleware\RedirectIfAuthenticated::class,
    'signed' => \Illuminate\Routing\Middleware\ValidateSignature::class,
    'throttle' => \Illuminate\Routing\Middleware\ThrottleRequests::class,

    'role' => \Caffeinated\Shinobi\Middleware\UserHasRole::class,
    'permission' => \Caffeinated\Shinobi\Middleware\UserHasPermission::class,
];
}

```

Aula 8 - Rotas e atribuição de permissões

routes/web.php

```
<?php
```

```
/*
```

```
|-----  
| Web Routes  
|-----  
|
```

```
| Here is where you can register web routes for your application. These  
| routes are loaded by the RouteServiceProvider within a group which  
| contains the "web" middleware group. Now create something great!  
|  
*/
```

```
Route::get('/', function () {  
    return view('welcome');  
});
```

```
Auth::routes();
```

```
Route::get('/home', 'HomeController@index')->name('home');
```

```
Route::middleware(['auth'])->group(function(){  
    // Roles  
    Route::post('roles/store', 'RoleController@store')->name('roles.store')  
    ->middleware('permission:roles.create');  
    Route::get('roles', 'RoleController@index')->name('roles.index')  
    ->middleware('permission:roles.index');  
    Route::get('roles/create', 'RoleController@create')->name('roles.create')  
    ->middleware('permission:roles.create');  
    Route::put('roles/{role}', 'RoleController@update')->name('roles.update')  
    ->middleware('permission:roles.edit');  
    Route::get('roles/{role}', 'RoleController@show')->name('roles.show')  
    ->middleware('permission:roles.show');  
    Route::delete('roles/{role}', 'RoleController@destroy')->name('roles.destroy')  
    ->middleware('permission:roles.destroy');  
    Route::get('roles/{role}/edit', 'RoleController@edit')->name('roles.edit')  
    ->middleware('permission:roles.edit');
```

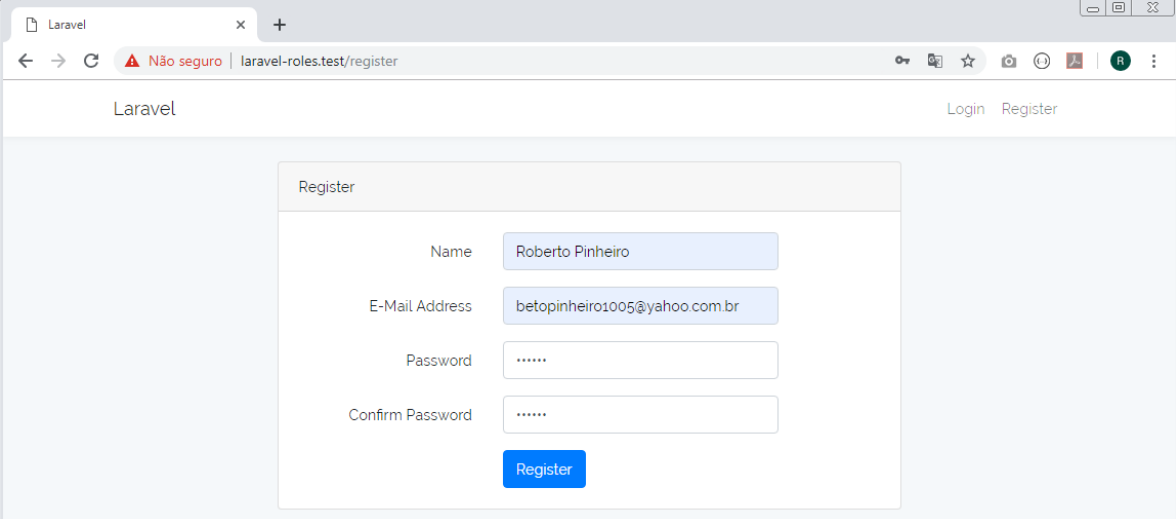
```
// Products
Route::post('products/store', 'ProductController@store')->name('products.store')
->middleware('permission:products.create');
Route::get('products', 'ProductController@index')->name('products.index')
->middleware('permission:products.index');
Route::get('products/create', 'ProductController@create')->name('products.create')
->middleware('permission:products.create');
Route::put('products/{product}', 'ProductController@update')->name('products.update')
->middleware('permission:products.edit');
Route::get('products/{product}', 'ProductController@show')->name('products.show')
->middleware('permission:products.show');
Route::delete('products/{product}', 'ProductController@destroy')-
>name('products.destroy')
->middleware('permission:products.destroy');
Route::get('products/{product}/edit', 'ProductController@edit')->name('products.edit')
->middleware('permission:products.edit');

// Users
Route::get('users', 'UserController@index')->name('users.index')
->middleware('permission:users.index');
Route::put('users/{user}', 'UserController@update')->name('users.update')
->middleware('permission:users.edit');
Route::get('users/{user}', 'UserController@show')->name('users.show')
->middleware('permission:users.show');
Route::delete('users/{user}', 'UserController@destroy')->name('users.destroy')
->middleware('permission:users.destroy');
Route::get('users/{user}/edit', 'UserController@edit')->name('users.edit')
->middleware('permission:users.edit');
});
```

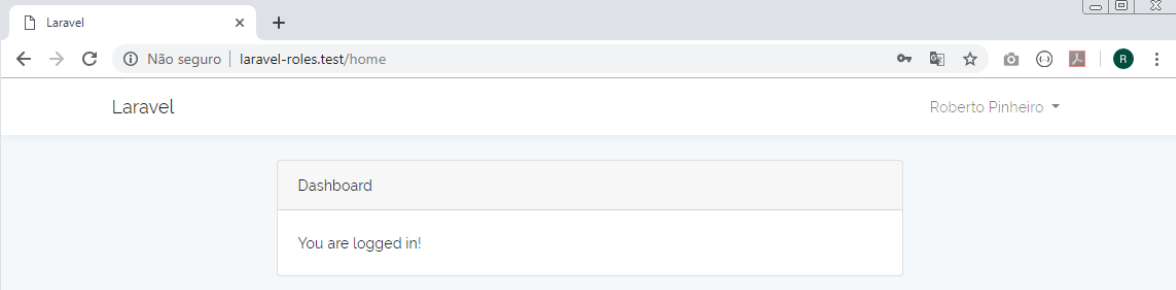
Aula 9 - Ocultar botões se não há permissões

Inserindo um usuário

Senha: 123456



A screenshot of a web browser showing the Laravel registration page. The browser's address bar displays 'laravel-roles.test/register' with a 'Não seguro' (Not secure) warning. The page header includes the 'Laravel' logo and links for 'Login' and 'Register'. The main content area features a 'Register' form with the following fields: 'Name' (filled with 'Roberto Pinheiro'), 'E-Mail Address' (filled with 'betopinheiro1005@yahoo.com.br'), 'Password' (masked with '*****'), and 'Confirm Password' (masked with '*****'). A blue 'Register' button is positioned at the bottom of the form.



A screenshot of the Laravel dashboard page after successful registration. The browser's address bar shows 'laravel-roles.test/home'. The page header displays the 'Laravel' logo and the user's name 'Roberto Pinheiro' with a dropdown arrow. The main content area contains a 'Dashboard' section with a message box stating 'You are logged in!'.

Criando controllers para usuários e funções

php artisan make:controller UserController --resource

```
C:\laragon\www\laravel-roles
λ php artisan make:controller UserController --resource
Controller created successfully.

C:\laragon\www\laravel-roles
λ |
```

php artisan make:controller RoleController --resource

```
C:\laragon\www\laravel-roles
λ php artisan make:controller RoleController --resource
Controller created successfully.

C:\laragon\www\laravel-roles
λ |
```

resources/views/welcome.php

```
<!doctype html>
<html lang="{{ app()->getLocale() }}">
  <head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1">

    <title>Roles e Permissions</title>

    <!-- Fonts -->
    <link href="https://fonts.googleapis.com/css?family=Raleway:100,600"
rel="stylesheet" type="text/css">

    <!-- Styles -->
    <style>
      html, body {
        background-color: #fff;
        color: #636b6f;
        font-family: 'Raleway', sans-serif;
        font-weight: 100;
        height: 100vh;
        margin: 0;
      }

      .full-height {
        height: 100vh;
      }

      .flex-center {
        align-items: center;
        display: flex;
        justify-content: center;
      }

      .position-ref {
        position: relative;
      }

      .top-right {
        position: absolute;
        right: 10px;
        top: 18px;
      }

      .content {
        text-align: center;
      }

      .title {
        font-size: 84px;
      }
    </style>
  </head>
  <body>
    <div class="container">
      <div class="content">
        <div class="title">
          <h1>Laravel</h1>
        </div>
        <div class="text">
          <p>The Art of Writing Well</p>
        </div>
      </div>
    </div>
  </body>
</html>
```



```

.links > a {
  color: #636b6f;
  padding: 0 25px;
  font-size: 12px;
  font-weight: 600;
  letter-spacing: .1rem;
  text-decoration: none;
  text-transform: uppercase;
}

.m-b-md {
  margin-bottom: 30px;
}
</style>
</head>
<body>
  <div class="flex-center position-ref full-height">
    @if (Route::has('login'))
      <div class="top-right links">
        @auth
          <a href="{{ url('/home') }}">Home</a>
        @else
          <a href="{{ route('login') }}">Login</a>
          <a href="{{ route('register') }}">Registro</a>
        @endauth
      </div>
    @endif

    <div class="content">
      <div class="title m-b-md">
        Roles e Permissions
      </div>

      <div class="links">
        <a href="http://oriontecinfo.com.br/">OrionTecInfo</a>
      </div>
    </div>
  </body>
</html>

```

Roles e Permissions

ORIONTECINFO


```

<!-- Authentication Links -->
@guest
  <li class="nav-item">
    <a class="nav-link" href="{{ route('login') }}">{{ __('Login') }}</a>
  </li>
  <li class="nav-item">
    <a class="nav-link" href="{{ route('register') }}">{{ __('Register') }}</a>
  </li>
@else
  <li class="nav-item dropdown">
    <a id="navbarDropdown" class="nav-link dropdown-toggle" href="#"
role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false" v-pre>
      {{ Auth::user()->name }} <span class="caret"></span>
    </a>

    <div class="dropdown-menu dropdown-menu-right" aria-
labelledby="navbarDropdown">
      <a class="dropdown-item" href="{{ route('logout') }}"
        onclick="event.preventDefault();
          document.getElementById('logout-form').submit();">
        {{ __('Logout') }}
      </a>

      <form id="logout-form" action="{{ route('logout') }}" method="POST"
style="display: none;">
        @csrf
      </form>
    </div>
  </li>
@endguest
</ul>
</div>
</div>
</nav>

<main class="py-4">
  @yield('content')
</main>
</div>
</body>
</html>

```

Aula 10 - Aplicando roles e permissions

app/User.php

```
<?php
```

```
namespace App;
```

```
use Caffeinated\Shinobi\Traits\ShinobiTrait;
```

```
use Illuminate\Notifications\Notifiable;
```

```
use Illuminate\Foundation\Auth\User as Authenticatable;
```

```
class User extends Authenticatable
```

```
{
```

```
    use Notifiable, ShinobiTrait;
```

```
    protected $fillable = [  
        'name', 'email', 'password',  
    ];
```

```
    protected $hidden = [  
        'password', 'remember_token',  
    ];
```

```
}
```

roles

+ Options

					id	name	slug	description	created_at	updated_at	special
<input type="checkbox"/>					1	Admin	admin	NULL	2019-04-17 21:27:02	2019-04-17 21:27:02	all-access

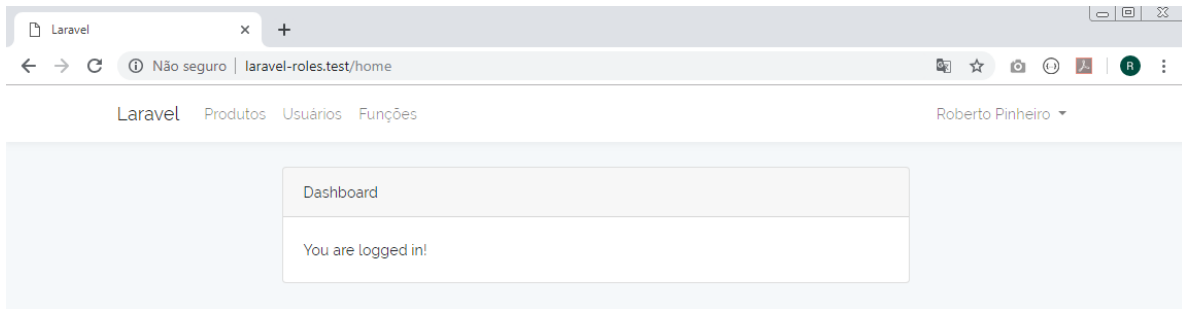
↑ ☐ Check all With selected: Edit Copy Delete Export

role_user

+ Options

					id	role_id	user_id	created_at	updated_at
<input type="checkbox"/>					1	1	21	2019-04-17 23:37:34	2019-04-17 23:37:34

↑ ☐ Check all With selected: Edit Copy Delete Export



roles

✓ Showing rows 0 - 0 (1 total, Query took 0.0100 seconds.)

```
SELECT * FROM `roles`
```

```
UPDATE `roles` SET `special` = NULL WHERE `roles`.`id` = 1;
```

☐ Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

	id	name	slug	description	created_at	updated_at	special
<input type="checkbox"/> Edit Copy Delete	1	Admin	admin	NULL	2019-04-17 21:27:02	2019-04-17 21:27:02	NULL

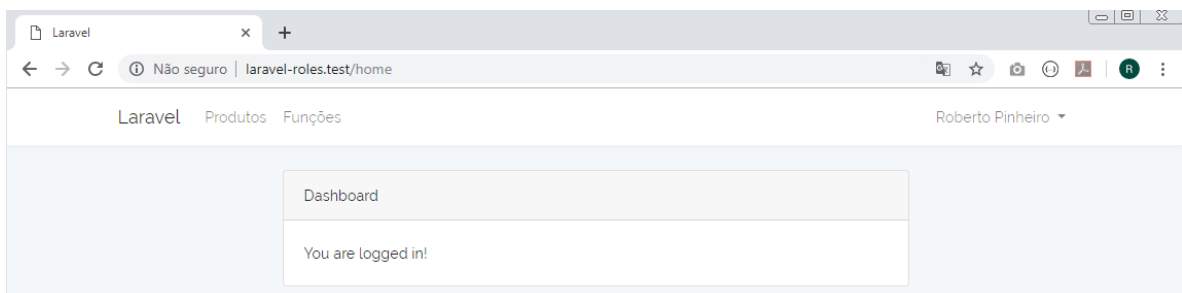
↑ ☐ Check all With selected: Edit Copy Delete Export

permission_role

+ Options

	id	permission_id	role_id	created_at	updated_at
<input type="checkbox"/> Edit Copy Delete	1	10	1	2019-04-17 23:52:38	2019-04-17 23:52:38
<input type="checkbox"/> Edit Copy Delete	2	5	1	2019-04-17 23:53:54	2019-04-17 23:53:54

↑ ☐ Check all With selected: Edit Copy Delete Export



Aula 11 - Ocultar ou mostrar botões segundo a permissão atribuída

Volte a deixar o usuário 21 com todos os acessos:

+ Options

id

name

slug

description

created_at

updated_at

special

1

Admin

admin

NULL

2019-04-17 21:27:02

2019-04-17 21:27:02

all-access

Check all

With selected:

Na tabela permission_role, apague os dois acessos personalizados

http/Controllers/ProductController.php

```
<?php
```

```
namespace App\Http\Controllers;
```

```
use App\Product;
```

```
use Illuminate\Http\Request;
```

```
class ProductController extends Controller
```

```
{
```

```
    public function index()
```

```
    {
```

```
        $products = Product::paginate();
```

```
        return view('products.index', compact('products'));
```

```
    }
```

```
    public function create()
```

```
    {
```

```
        //
```

```
    }
```

```
    public function store(Request $request)
```

```
    {
```

```
        //
```

```
    }
```

```
    public function show(Product $product)
```

```
    {
```

```
        //
```

```
    }
```

```

    public function edit(Product $product)
    {
        //
    }

    public function update(Request $request, Product $product)
    {
        //
    }

    public function destroy(Product $product)
    {
        //
    }
}

```

resources/views/products/index.blade.php

```

@extends('layouts.app')

@section('content')
<div class="container">
    <div class="row justify-content-center">
        <div class="col-md-1"></div>
        <div class="col-md-10">
            <div class="card">
                <div class="card-header">
                    Produtos
                    @can('products.create')
                        <a href="{{ route('products.create') }}"
                            class="btn btn-sm btn-primary float-right">
                            Criar
                        </a>
                    @endcan
                </div>
                <div class="card-body">
                    <table class="table table-striped table-hover">
                        <thead>
                            <tr>
                                <th width="10px">ID</th>
                                <th>Nome</th>
                                <th colspan="3">&nbsp;</th>
                            </tr>
                        </thead>

```



```

  @foreach($products as $product)
    <tr>
      <td>{{ $product->id }}</td>
      <td>{{ $product->name }}</td>
      <td width="10px">
        @can('products.show')
          <a href="{{ route('products.show', $product->id) }}"
            class="btn btn-sm btn-success">Ver</a>
        @endcan
      </td>
      <td width="10px">
        @can('products.edit')
          <a href="{{ route('products.edit', $product->id) }}"
            class="btn btn-sm btn-warning">Editar</a>
        @endcan
      </td>
      <td width="10px">
        @can('products.destroy')
          {!! Form::open(['route' => ['products.destroy', $product->id],
            'method' => 'DELETE']) !!}
            <button class="btn btn-sm btn-danger">Eliminar</button>
          {!! Form::close() !!}
        @endcan
      </td>
    </tr>
  @endforeach
</tbody>
</table>
{{ $products->render() }}
</div>
</div>
<div class="col-md-1"></div>
</div>
</div>
@endsection

```

Laravel

Produtos

Usuários

Funções

Roberto Pinheiro

Produtos

Criar

ID	Nome			
1	Culpa non sed asperiores necessitatibus.	Ver	Editar	Eliminar
2	Quam distinctio occaecati dolores a saepe fuga occaecati.	Ver	Editar	Eliminar
3	Autem qui tenetur rerum officia iure odio.	Ver	Editar	Eliminar
4	Quo eaque alias tempora voluptates et officia.	Ver	Editar	Eliminar
5	Sunt nobis beatae perferendis et molestiae temporibus rerum.	Ver	Editar	Eliminar
6	Quia recusandae perspiciatis facilis animi natus rerum delectus.	Ver	Editar	Eliminar
7	Ipsa ut possimus nisi quasi quidem officiis et dolorum.	Ver	Editar	Eliminar
8	Quia est odit mollitia vitae quaerat ullam et.	Ver	Editar	Eliminar
9	Enim nobis in simiique id.	Ver	Editar	Eliminar
10	Vitae magnam aut dolorem voluptatem enim.	Ver	Editar	Eliminar
11	Exercitationem sunt adipisci consequatur debitis.	Ver	Editar	Eliminar
12	Eos dicta praesentium qui qui inventore.	Ver	Editar	Eliminar
13	Repellendus at ab deserunt quo non.	Ver	Editar	Eliminar
14	Hic ut tenetur facilis.	Ver	Editar	Eliminar
15	Quidem distinctio rem voluptatem omnis quisquam perferendis est.	Ver	Editar	Eliminar

<

1

2

3

4

5

6

>

Aula 12 - Métodos de um controlador - Injeção de método

http/Controllers/ProductController.php

```
<?php
```

```
namespace App\Http\Controllers;
```

```
use App\Product;
```

```
use Illuminate\Http\Request;
```

```
class ProductController extends Controller
```

```
{
```

```
    public function index()
```

```
    {
```

```
        $products = Product::paginate();
```

```
        return view('products.index', compact('products'));
```

```
    }
```

```
    public function create()
```

```
    {
```

```
        return view('products.create');
```

```
    }
```

```
    public function store(Request $request)
```

```
    {
```

```
        $product = Product::create($request->all());
```

```
        return redirect()->route('products.edit', $product->id)
```

```
        ->with('info', 'Produto gravado com sucesso!');
```

```
    }
```

```
    public function show(Product $product)
```

```
    {
```

```
        return view('products.show', compact('product'));
```

```
    }
```

```
    public function edit(Product $product)
```

```
    {
```

```
        return view('products.edit', compact('product'));
```

```
    }
```

```
    public function update(Request $request, Product $product)
```

```
    {
```

```
        $product->update($request->all());
```

```
        return redirect()->route('products.edit', $product->id)
```

```
        ->with('info', 'Produto atualizado com sucesso!');
```

```
    }
```

```
    public function destroy(Product $product)
```

```
    {
```

```
        $product->delete();
```

```
        return back()->with('info', 'Produto eliminado com sucesso!');
```

```
    }
```

```
}
```

app/Product.php

```
<?php
```

```
namespace App;
```

```
use Illuminate\Database\Eloquent\Model;
```

```
class Product extends Model
```

```
{
```

```
    protected $fillable = [  
        'name', 'description'
```

```
    ];
```

```
}
```

Aula 13 - Vista form e show | Debug de erros

resources/views/products/partials/form.blade.php

```
<div class="form-group">
    {{ Form::label('name', 'Nome do produto') }}
    {{ Form::text('name', null, ['class' => 'form-control']) }}
</div>
<div class="form-group">
    {{ Form::label('description', 'Descrição do produto') }}
    {{ Form::text('description', null, ['class' => 'form-control']) }}
</div>
<div class="form-group">
    {{ Form::submit('Gravar', ['class' => 'btn btn-sm btn-primary']) }}
</div>
```

resources/views/products/show.blade.php

```
@extends('layouts.app')
```

```
@section('content')
```

```
<div class="container">
    <div class="row justify-content-center">
        <div class="col-md-1"></div>
        <div class="col-md-10">
            <div class="card">
                <div class="card-header">Produto</div>
                <div class="card-body">
                    <p><strong>Produto: </strong> {{ $product->name }}</p>
                    <p><strong>Descrição: </strong> {{ $product->description }}</p>
                </div>
            </div>
        </div>
    </div>
    <div class="col-md-1"></div>
</div>
@endsection
```



Aula 14 - Formulário criar e editar do módulo de produtos

resources/views/products/edit.blade.php

```
@extends('layouts.app')

@section('content')
<div class="container">
  <div class="row justify-content-center">
    <div class="col-md-1"></div>
    <div class="col-md-10">
      <div class="card">
        <div class="card-header">Produto</div>
        <div class="card-body">
          {!! Form::model($product, ['route' => ['products.update', $product->id],
'method' => 'PUT']) !!}
          @include('products.partials.form')
          {!! Form::close() !!}
        </div>
      </div>
    </div>
    <div class="col-md-1"></div>
  </div>
</div>
@endsection
```

resources/views/products/create.blade.php

```
@extends('layouts.app')

@section('content')
<div class="container">
  <div class="row justify-content-center">
    <div class="col-md-1"></div>
    <div class="col-md-10">
      <div class="card">
        <div class="card-header">Produto</div>
        <div class="card-body">
          {!! Form::open(['route' => 'products.store']) !!}
          @include('products.partials.form')
          {!! Form::close() !!}
        </div>
      </div>
    </div>
    <div class="col-md-1"></div>
  </div>
</div>
@endsection
```

resources/views/layouts/app.blade.php

```
<!DOCTYPE html>
<html lang="{{ str_replace('_', '-', app()->getLocale()) }}">
<head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1">

    <!-- CSRF Token -->
    <meta name="csrf-token" content="{{ csrf_token() }}">

    <title>{{ config('app.name', 'Laravel') }}</title>

    <!-- Scripts -->
    <script src="{{ asset('js/app.js') }}" defer></script>

    <!-- Fonts -->
    <link rel="dns-prefetch" href="https://fonts.gstatic.com">
    <link href="https://fonts.googleapis.com/css?family=Nunito" rel="stylesheet"
type="text/css">

    <!-- Styles -->
    <link href="{{ asset('css/app.css') }}" rel="stylesheet">
</head>
<body>
    <div id="app">
        <nav class="navbar navbar-expand-md navbar-light navbar-laravel">
            <div class="container">
                <a class="navbar-brand" href="{{ url('/') }}">
                    {{ config('app.name', 'Laravel') }}
                </a>
                <button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-
expanded="false" aria-label="{{ __('Toggle navigation') }}">
                    <span class="navbar-toggler-icon"></span>
                </button>

                <div class="collapse navbar-collapse" id="navbarSupportedContent">
                    <!-- Left Side Of Navbar -->
                    <ul class="navbar-nav mr-auto">
                        @can('products.index')
                            <li class="nav-item">
                                <a class="nav-link" href="{{ route('products.index') }}">Produtos</a>
                            </li>
                        @endcan
                        @can('users.index')
                            <li class="nav-item">
                                <a class="nav-link" href="{{ route('users.index') }}">Usuários</a>
                            </li>
                        @endcan
                        @can('roles.index')
                            <li class="nav-item">
                                <a class="nav-link" href="{{ route('roles.index') }}">Funções</a>
                            </li>
                        @endcan
                    </ul>
                </div>
            </div>
        </nav>
    </div>
</body>
</html>
```

```

<!-- Right Side Of Navbar -->
<ul class="navbar-nav ml-auto">
  <!-- Authentication Links -->
  @guest
    <li class="nav-item">
      <a class="nav-link" href="{{ route('login') }}">{{ __('Login') }}</a>
    </li>
    <li class="nav-item">
      <a class="nav-link" href="{{ route('register') }}">{{ __('Register') }}</a>
    </li>
  @else
    <li class="nav-item dropdown">
      <a id="navbarDropdown" class="nav-link dropdown-toggle" href="#"
role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false" v-pre>
        {{ Auth::user()->name }} <span class="caret"></span>
      </a>

      <div class="dropdown-menu dropdown-menu-right" aria-
labelledby="navbarDropdown">
        <a class="dropdown-item" href="{{ route('logout') }}"
          onclick="event.preventDefault();
            document.getElementById('logout-form').submit();">
          {{ __('Logout') }}
        </a>

        <form id="logout-form" action="{{ route('logout') }}" method="POST"
style="display: none;">
          @csrf
        </form>
      </div>
    </li>
  @endguest
</ul>
</div>
</div>
</nav>

```



```
<br>
@if(session('info'))
  <div class="container">
    <div class="row">
      <div class="col-md-1"></div>
      <div class="col-md-10">
        <div class="alert alert-success">
          {{ session('info') }}
        </div>
      </div>
      <div class="col-md-1"></div>
    </div>
  </div>
@endif

@yield('content')
</div>
</body>
</html>
```

Editando um produto:

Laravel

Produtos

Usuários

Funções

Roberto Pinheiro

Produto

Nome do produto

Culpa non sed asperiores necessitatibus - EDITADO

Descrição do produto

Voluptas non recusandae et neque sit nihil et sed.

Gravar

Laravel

Produtos

Usuários

Funções

Roberto Pinheiro

Produto atualizado com sucesso!

Produto

Nome do produto

Culpa non sed asperiores necessitatibus - EDITADO

Descrição do produto

Voluptas non recusandae et neque sit nihil et sed.

Gravar

Laravel

Produtos

Usuários

Funções

Roberto Pinheiro

Produtos

Criar

ID	Nome			
1	Culpa non sed asperiores necessitatibus - EDITADO	Ver	Editar	Eliminar
2	Quam distinctio occaecati dolores a saepe fuga occaecati.	Ver	Editar	Eliminar
3	Autem qui tenetur rerum officia iure odio.	Ver	Editar	Eliminar
4	Quo eaque alias tempora voluptates et officia.	Ver	Editar	Eliminar
5	Sunt nobis beatae perferendis et molestiae temporibus rerum.	Ver	Editar	Eliminar
6	Quia recusandae perspiciatis facilis animi natus rerum delectus.	Ver	Editar	Eliminar
7	Ipsa ut possimus nisi quasi quidem officiis et dolorum.	Ver	Editar	Eliminar

Criando um produto:

Laravel

Produtos

Usuários

Funções

Roberto Pinheiro

Produto

Nome do produto

Novo produto

Descrição do produto

Descrição do novo produto

Gravar

Laravel

Produtos

Usuários

Funções

Roberto Pinheiro

Produto gravado com sucesso!

Produto

Nome do produto

Novo produto

Descrição do produto

Descrição do novo produto

Gravar

Laravel

Produtos

Usuários

Funções

Roberto Pinheiro

Produtos

Criar

ID	Nome			
76	Expedita quod nostrum aut et minima.	Ver	Editar	Eliminar
77	Est id eos incidunt qui.	Ver	Editar	Eliminar
78	Volutpatum nulla sit quasi dignissimos in reiciendis.	Ver	Editar	Eliminar
79	Facere inventore in et et et unde.	Ver	Editar	Eliminar
80	Quasi magni veniam cum et non qui quia.	Ver	Editar	Eliminar
81	Novo produto	Ver	Editar	Eliminar

<

1

2

3

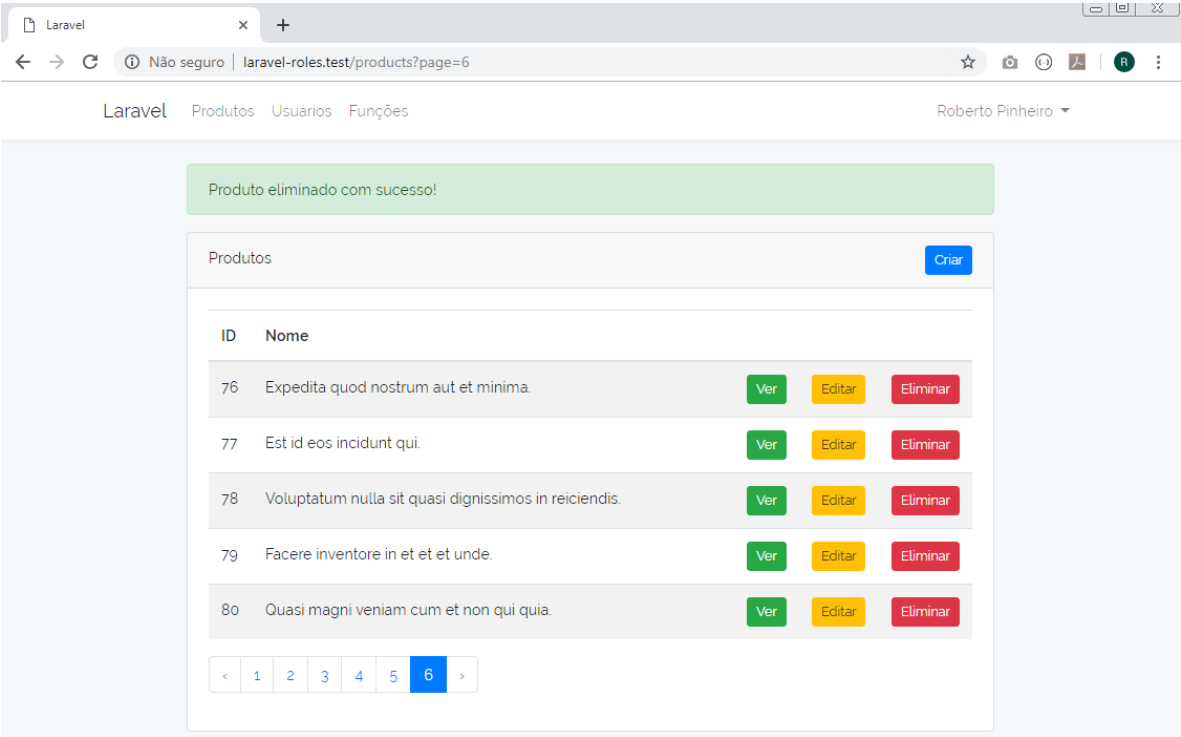
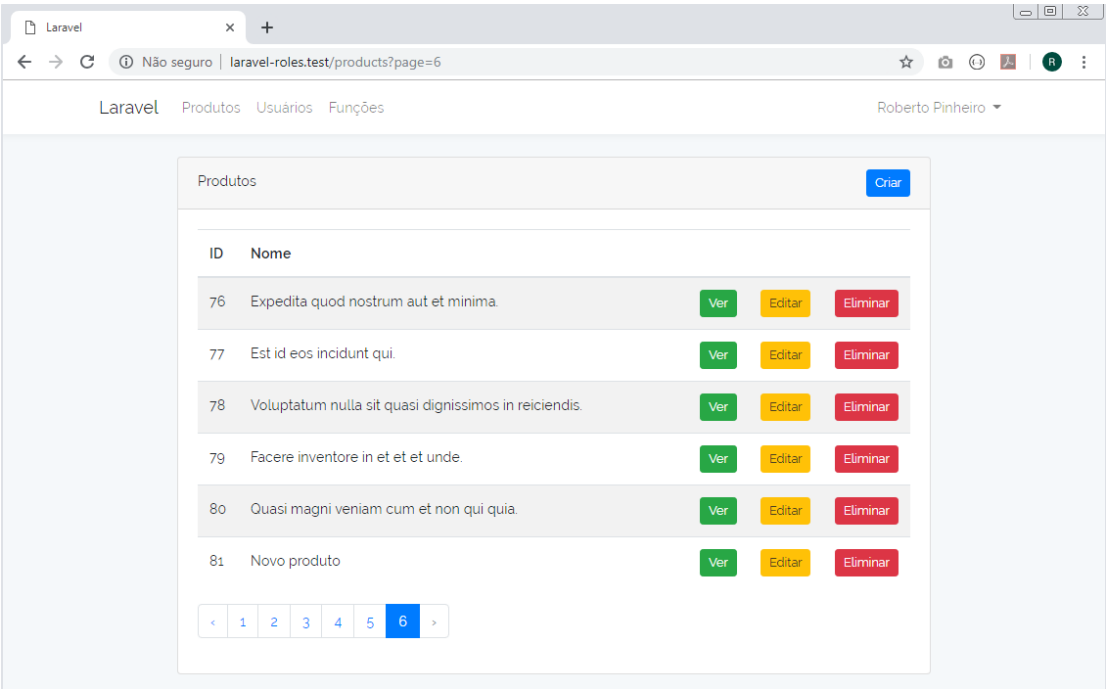
4

5

6

>

Eliminando um produto (id 81)



Aula 15 - Módulo de usuário - index

http/Controllers/UserController.php

```
<?php
```

```
namespace App\Http\Controllers;
```

```
use App\User;
```

```
use Illuminate\Http\Request;
```

```
class UserController extends Controller
```

```
{
```

```
    public function index()
```

```
    {
```

```
        $users = User::paginate();
```

```
        return view('users.index', compact('users'));
```

```
    }
```

```
    public function show(User $user)
```

```
    {
```

```
        return view('users.show', compact('user'));
```

```
    }
```

```
    public function edit(User $user)
```

```
    {
```

```
        return view('users.edit', compact('user'));
```

```
    }
```

```
    public function update(Request $request, User $user)
```

```
    {
```

```
        $user->update($request->all());
```

```
        return redirect()->route('users.index', $user->id)
```

```
        ->with('info', 'Usuário atualizado com sucesso!');
```

```
    }
```

```
    public function destroy(User $user)
```

```
    {
```

```
        $user->delete();
```

```
        return back()->with('info', 'Usuário eliminado com sucesso!');
```

```
    }
```

```
}
```

Duplique (copie) a pasta views/resources/products como views/resources/users

Elimine o arquivo create.blade.php

Nesta primeira etapa, altere apenas o arquivo abaixo

resources/views/users/index.blade.php

```
@extends('layouts.app')
```

```
@section('content')
```

```
<div class="container">
```

```
<div class="row justify-content-center">
```

```
<div class="col-md-1"></div>
```

```
<div class="col-md-10">
```

```
<div class="card">
```

```
<div class="card-header">
```

```
    Usuários
```

```
</div>
```

```
<div class="card-body">
```

```
<table class="table table-striped table-hover">
```

```
<thead>
```

```
<tr>
```

```
<th width="10px">ID</th>
```

```
<th>Nome</th>
```

```
<th colspan="3">&nbsp;</th>
```

```
</tr>
```

```
</thead>
```

```
<tbody>
```

```
@foreach($users as $user)
```

```
<tr>
```

```
<td>{{ $user->id }}</td>
```

```
<td>{{ $user->name }}</td>
```

```
<td width="10px">
```

```
@can('users.show')
```

```
<a href="{{ route('users.show', $user->id) }}"
```

```
class="btn btn-sm btn-success">Ver</a>
```

```
@endcan
```

```
</td>
```

```
<td width="10px">
```

```
@can('users.edit')
```

```
<a href="{{ route('users.edit', $user->id) }}"
```

```
class="btn btn-sm btn-warning">Editar</a>
```

```
@endcan
```

```
</td>
```

```
<td width="10px">
```

```
@can('users.destroy')
```

```
{!! Form::open(['route' => ['users.destroy', $user->id],
```

```
'method' => 'DELETE']) !!}
```

```
<button class="btn btn-sm btn-danger">Eliminar</button>
```

```
{!! Form::close() !!}
```

```
@endcan
```

```
</td>
```

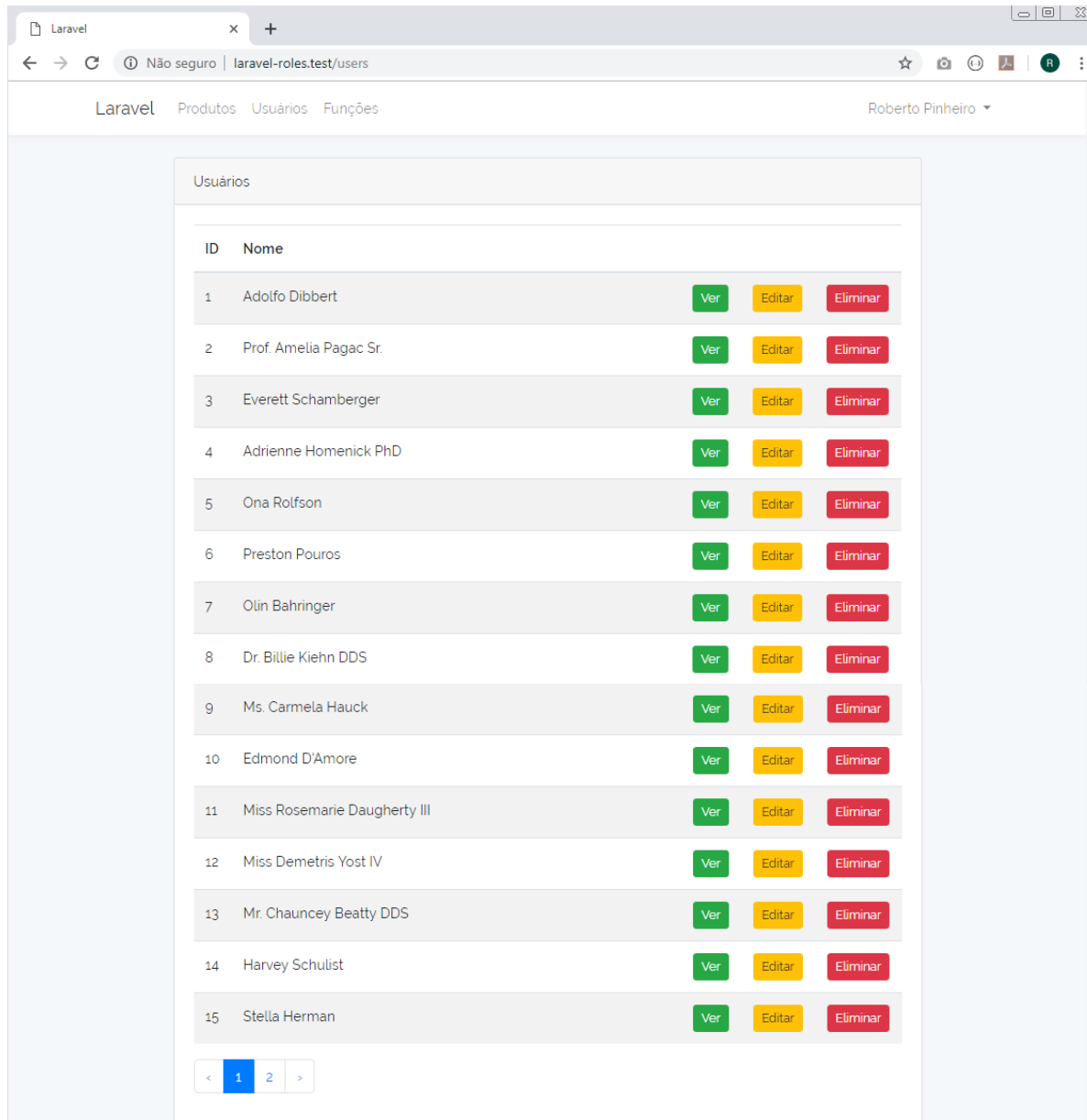
```
</tr>
```

```
@endforeach
```

```

        </tbody>
      </table>
      {{ $users->render() }}
    </div>
  </div>
</div>
<div class="col-md-1"></div>
</div>
</div>
@endsection

```



Aula 16 - Módulo de usuário - show, destroy, edit

resources/views/users/show.blade.php

```
@extends('layouts.app')

@section('content')
<div class="container">
  <div class="row justify-content-center">
    <div class="col-md-1"></div>
    <div class="col-md-10">
      <div class="card">
        <div class="card-header">Usuário</div>
        <div class="card-body">
          <p><strong>Nome: </strong> {{ $user->name }}</p>
          <p><strong>Email: </strong> {{ $user->email }}</p>
        </div>
      </div>
    </div>
  </div>
</div>
@endsection
```

resources/views/users/edit.blade.php

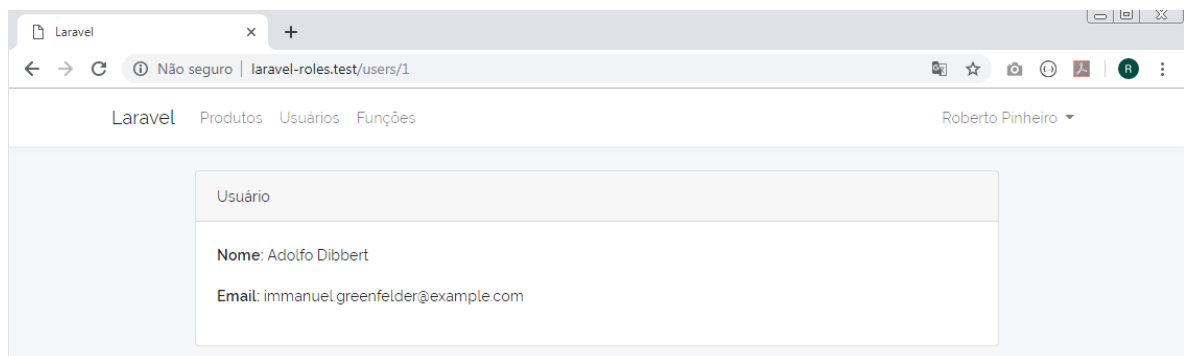
```
@extends('layouts.app')

@section('content')
<div class="container">
  <div class="row justify-content-center">
    <div class="col-md-1"></div>
    <div class="col-md-10">
      <div class="card">
        <div class="card-header">Usuário</div>
        <div class="card-body">
          {!! Form::model($user, ['route' => ['users.update', $user->id], 'method' =>
'PUT']) !!}
          @include('users.partials.form')
          {!! Form::close() !!}
        </div>
      </div>
    </div>
  </div>
</div>
@endsection
```

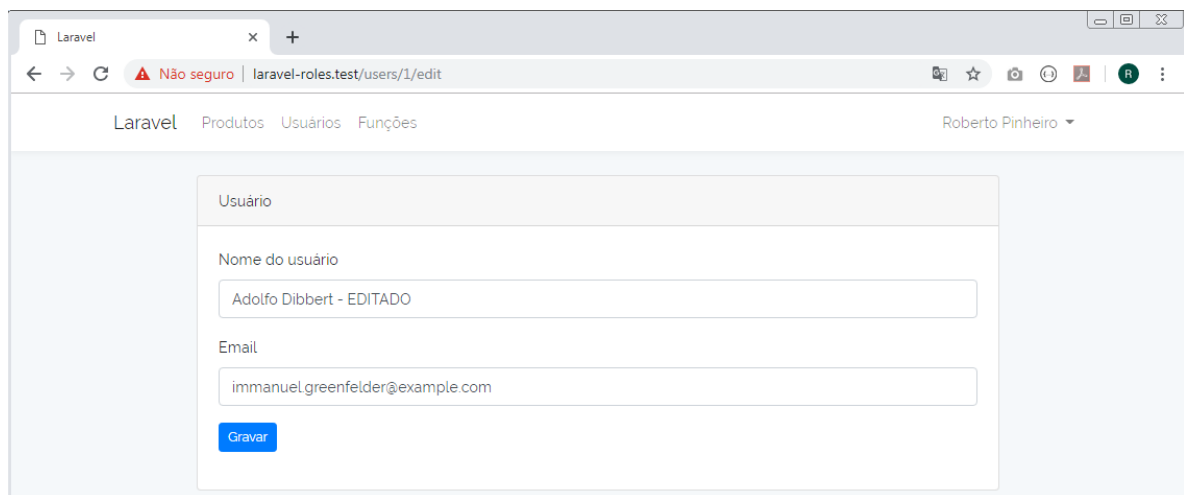

resources/views/users/partials/form.blade.php

```
<div class="form-group">
    {{ Form::label('name', 'Nome do usuário') }}
    {{ Form::text('name', null, ['class' => 'form-control']) }}
</div>
<div class="form-group">
    {{ Form::label('email', 'Email') }}
    {{ Form::text('email', null, ['class' => 'form-control']) }}
</div>
<div class="form-group">
    {{ Form::submit('Gravar', ['class' => 'btn btn-sm btn-primary']) }}
</div>
```

Exibindo informações de usuário:



Editando informações de usuário:



Usuário atualizado com sucesso!

Usuários

ID	Nome			
1	Adolfo Dibbert - EDITADO	Ver	Editar	Eliminar
2	Prof. Amelia Pagac Sr.	Ver	Editar	Eliminar
3	Everett Schamberger	Ver	Editar	Eliminar
4	Adrienne Homenick PhD	Ver	Editar	Eliminar
5	Ona Rolfson	Ver	Editar	Eliminar
6	Preston Poulos	Ver	Editar	Eliminar
7	Olin Bahringer	Ver	Editar	Eliminar

Printman ▾

Eliminando usuário de id 2:

Laravel

Não seguro | laravel-roles.test/users?1

LaravelProdutosUsuáriosFunções

Roberto Pinheiro

Usuário eliminado com sucesso!

Usuários

ID	Nome			
1	Adolfo Dibbert - EDITADO	Ver	Editar	Eliminar
3	Everett Schamberger	Ver	Editar	Eliminar
4	Adrienne Homenick PhD	Ver	Editar	Eliminar
5	Ona Rolfson	Ver	Editar	Eliminar
6	Preston Poulos	Ver	Editar	Eliminar
7	Olin Bahringer	Ver	Editar	Eliminar
8	Dr. Billie Kiehn DDS	Ver	Editar	Eliminar

Aula 17 - Desenho de edição de usuários (Listagem de roles)

resources/views/users/partials/form.blade.php

```
<div class="form-group">
  {{ Form::label('name', 'Nome') }}
  {{ Form::text('name', null, ['class' => 'form-control']) }}
</div>
<hr>
<h3>Lista de roles</h3>
<div class="form-group">
  <ul class="list-unstyled">
    @foreach($roles as $role)
      <li>
        <label>
          {{ Form::checkbox('roles[]', $role->id, null) }}
          {{ $role->name }}
          <em>({{ $role->description ? : 'Sem descrição' }})</em>
        </label>
      </li>
    @endforeach
  </ul>
</div>
<div class="form-group">
  {{ Form::submit('Gravar', ['class' => 'btn btn-sm btn-primary']) }}
</div>
```

http/Controllers/UserController.php

```
<?php
```

```
namespace App\Http\Controllers;
```

```
use App\User;
```

```
use Caffeinated\Shinobi\Models\Role;
```

```
use Illuminate\Http\Request;
```

```
class UserController extends Controller
```

```
{
```

```
    public function index()
```

```
    {
```

```
        $users = User::paginate();
```

```
        return view('users.index', compact('users'));
```

```
    }
```

```
    public function show(User $user)
```

```
    {
```

```
        return view('users.show', compact('user'));
```

```
    }
```

```
    public function edit(User $user)
```

```
    {
```

```
        $roles = Role::get();
```

```
        return view('users.edit', compact('user', 'roles'));
```

```
    }
```

```
    public function update(Request $request, User $user)
```

```
    {
```

```
        $user->update($request->all());
```

```
        return redirect()->route('users.index', $user->id)
```

```
            ->with('info', 'Usuário atualizado com sucesso!');
```

```
    }
```

```
    public function destroy(User $user)
```

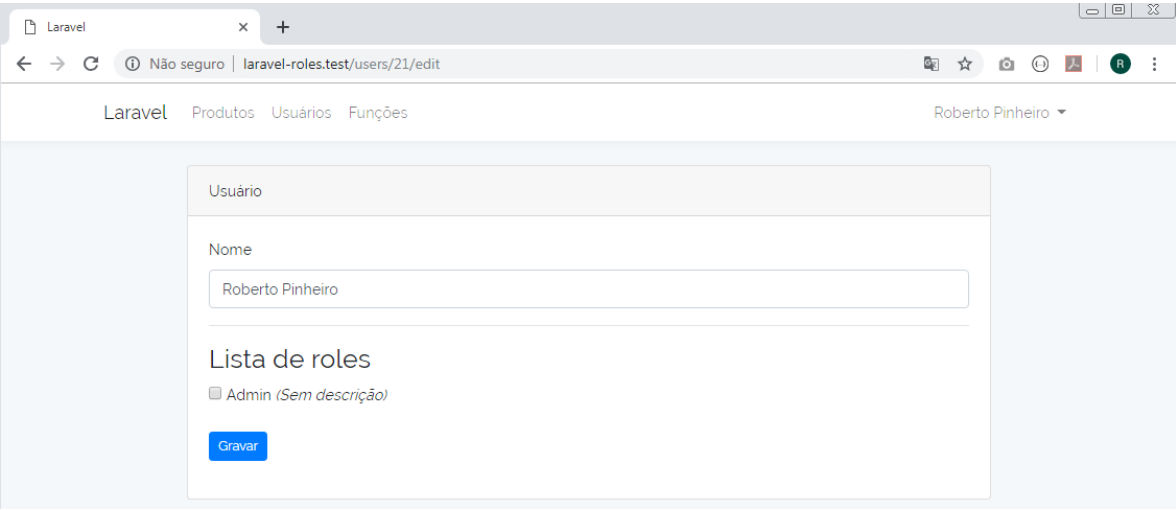
```
    {
```

```
        $user->delete();
```

```
        return back()->with('info', 'Usuário eliminado com sucesso!');
```

```
    }
```

```
}
```



Aula 18 - Atribuição de roles a usuários

Na tabela roles, altere description de "null" para "Role Administrador"

Showing rows 0 - 0 (1 total, Query took 0.0000 seconds.)

```
SELECT * FROM `roles`
```

Profiling [Edit inline]

Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

	id	name	slug	description	created_at	updated_at	special
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1	Admin	admin	Role Administrador	2019-04-17 21:27:02	2019-04-17 21:27:02	all-access

Check all | With selected: Edit Copy Delete Export

Laravel

Não seguro | laravel-roles.test/users/21/edit

Laravel Produtos Usuários Funções Roberto Pinheiro

Usuário

Nome

Roberto Pinheiro

Lista de roles

☐ Admin (Role Administrador)

Gravar

Crie um novo role: Suspenso

Showing rows 0 - 1 (2 total, Query took 0.0000 seconds.)

```
SELECT * FROM `roles`
```

Profiling [Edit inline] [Edit]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

	id	name	slug	description	created_at	updated_at	special
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1	Admin	admin	Role Administrador	2019-04-17 21:27:02	2019-04-17 21:27:02	all-access
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	2	Suspenso	suspenso	Usuários de férias	2019-04-18 01:50:00	2019-04-18 01:50:00	no-access

Check all | With selected: Edit Copy Delete Export

http/Controllers/UserController.php

```

<?php

namespace App\Http\Controllers;

use App\User;
use Caffeinated\Shinobi\Models\Role;
use Illuminate\Http\Request;

class UserController extends Controller
{
    public function index()
    {
        $users = User::paginate();
        return view('users.index', compact('users'));
    }

    public function show(User $user)
    {
        return view('users.show', compact('user'));
    }

    public function edit(User $user)
    {
        $roles = Role::get();
        return view('users.edit', compact('user', 'roles'));
    }

    public function update(Request $request, User $user)
    {
        // Atualizar usuário
        $user->update($request->all());

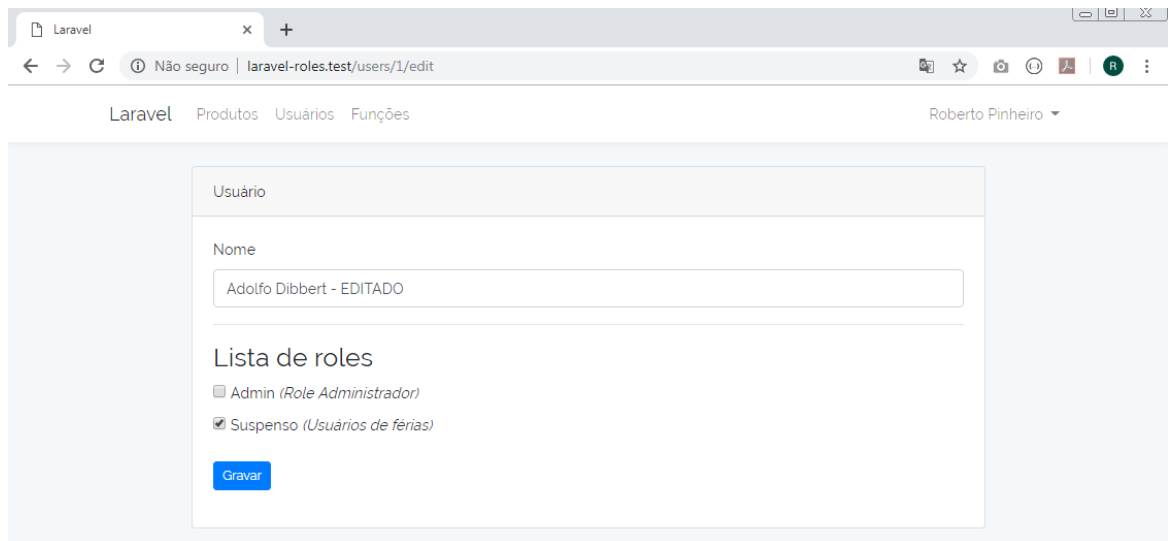
        // Atualizar roles
        $user->roles()->sync($request->get('roles'));

        return redirect()->route('users.index', $user->id)
            ->with('info', 'Usuário atualizado com sucesso!');
    }

    public function destroy(User $user)
    {
        $user->delete();
        return back()->with('info', 'Usuário eliminado com sucesso!');
    }
}

```

Editando roles do usuário de id 1:



Marque a opção "Suspense" e clique no botão "Gravar".

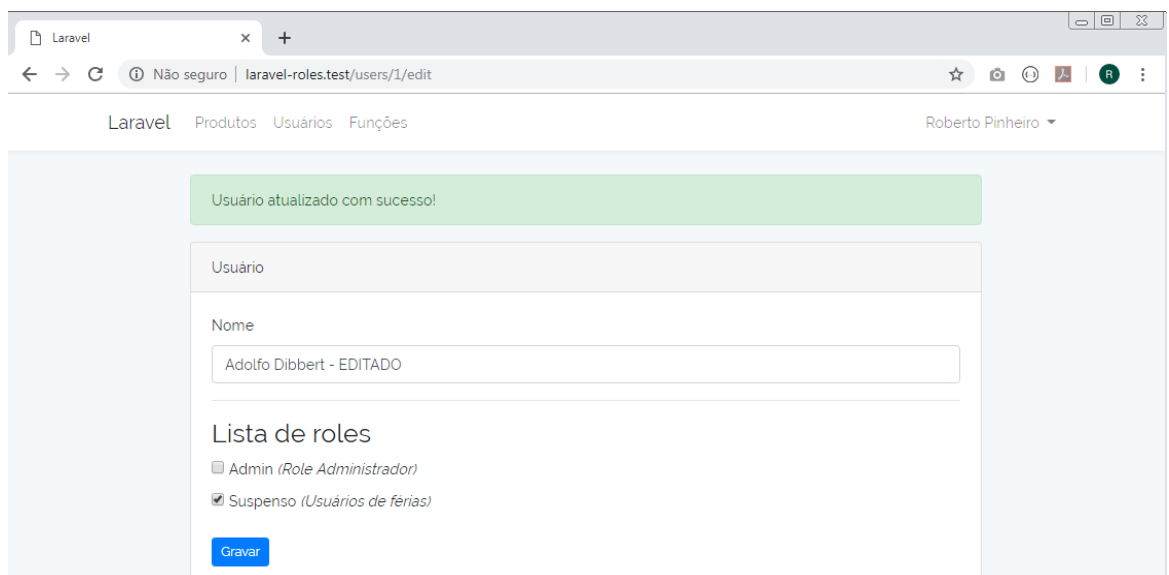


tabela **role_user**

✓ Showing rows 0 - 1 (2 total, Query took 0.0000 seconds.)

```
SELECT * FROM `role_user`
```

☐ Show all

Number of rows: 25

Filter rows:

Sort by key:

+ Options

				id	role_id	user_id	created_at	updated_at			
<input type="checkbox"/>		Edit		Copy		Delete	2	1	21	2019-04-18 02:50:18	2019-04-18 02:50:18
<input type="checkbox"/>		Edit		Copy		Delete	3	2	1	2019-04-18 05:59:24	2019-04-18 05:59:24

☐ Check all

With selected:

Edit

Copy

Delete

Export

Aula 19 - Desenho do módulo Roles

http/Controllers/RoleController.php

```
<?php
```

```
namespace App\Http\Controllers;
```

```
use Caffeinated\Shinobi\Models\Role;
```

```
use Caffeinated\Shinobi\Models\Permission;
```

```
use Illuminate\Http\Request;
```

```
class RoleController extends Controller
```

```
{
```

```
    public function index()
```

```
    {
```

```
        $roles = Role::paginate();
```

```
        return view('roles.index', compact('roles'));
```

```
    }
```

```
    public function create()
```

```
    {
```

```
        return view('roles.create');
```

```
    }
```

```
    public function store(Request $request)
```

```
    {
```

```
        $role = Role::create($request->all());
```

```
        return redirect()->route('roles.edit', $role->id)
```

```
            ->with('info', 'Role gravado com sucesso!');
```

```
    }
```

```
    public function show(Role $role)
```

```
    {
```

```
        return view('roles.show', compact('role'));
```

```
    }
```

```
    public function edit(Role $role)
```

```
    {
```

```
        $roles = Role::get();
```

```
        return view('roles.edit', compact('role', 'roles'));
```

```
    }
```

```
    public function update(Request $request, Role $role)
```

```
    {
```

```
        // Atualizar usuário
```

```
        $role->update($request->all());
```

```

// Atualizar roles
$role->roles()->sync($request->get('roles'));

return redirect()->route('roles.edit', $role->id)
->with('info', 'Role atualizado com sucesso!');
}

public function destroy(Role $role)
{
    $role->delete();
    return back()->with('info', 'Role eliminado com sucesso!');
}
}

```

resources/views/roles/index.blade.php

```

@extends('layouts.app')

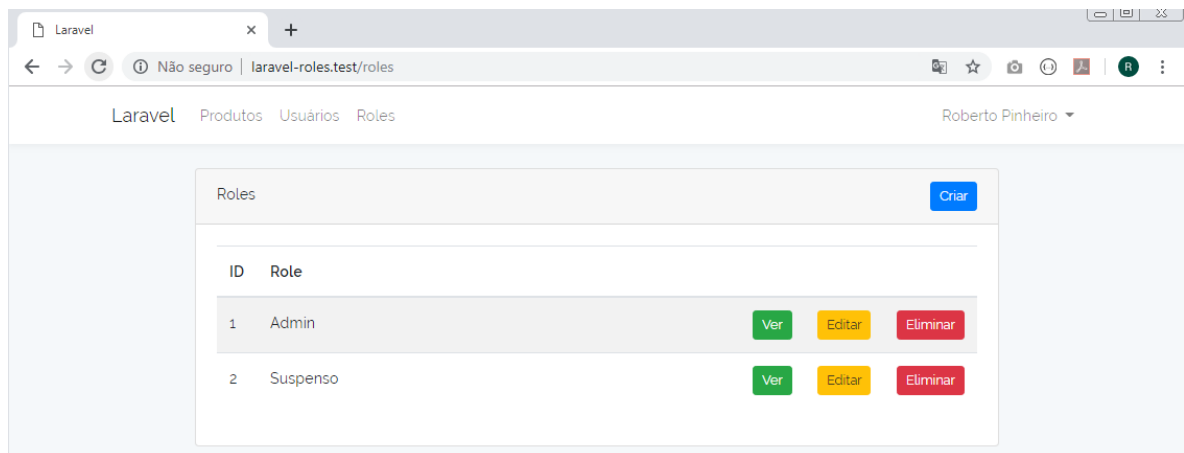
@section('content')
<div class="container">
    <div class="row justify-content-center">
        <div class="col-md-1"></div>
        <div class="col-md-10">
            <div class="card">
                <div class="card-header">
                    Roles
                    @can('roles.create')
                        <a href="{{ route('roles.create') }}"
                            class="btn btn-sm btn-primary float-right">
                            Criar
                        </a>
                    @endcan
                </div>
                <div class="card-body">
                    <table class="table table-striped table-hover">
                        <thead>
                            <tr>
                                <th width="10px">ID</th>
                                <th>Role</th>
                                <th colspan="3">&nbsp;</th>
                            </tr>
                        </thead>
                        <tbody>
                            @foreach($roles as $role)
                                <tr>
                                    <td>{{ $role->id }}</td>
                                    <td>{{ $role->name }}</td>
                                    <td width="10px">
                                        @can('roles.show')
                                            <a href="{{ route('roles.show', $role->id) }}"
                                                class="btn btn-sm btn-success">Ver</a>
                                        @endcan
                                    </td>
                                </tr>
                            @endforeach
                        </tbody>
                    </table>
                </div>
            </div>
        </div>
    </div>
</div>

```

```

<td width="10px">
    @can('roles.edit')
        <a href="{{ route('roles.edit', $role->id) }}"
            class="btn btn-sm btn-warning">Editar</a>
    @endcan
</td>
<td width="10px">
    @can('roles.destroy')
        {!! Form::open(['route' => ['roles.destroy', $role->id],
            'method' => 'DELETE']) !!}
        <button class="btn btn-sm btn-danger">Eliminar</button>
        {!! Form::close() !!}
    @endcan
</td>
</tr>
@endforeach
</tbody>
</table>
{{ $roles->render() }}
</div>
</div>
<div class="col-md-1"></div>
</div>
</div>
@endsection

```



resources/views/roles/create.blade.php

```
@extends('layouts.app')

@section('content')
<div class="container">
    <div class="row justify-content-center">
        <div class="col-md-1"></div>
        <div class="col-md-10">
            <div class="card">
                <div class="card-header">Role</div>
                <div class="card-body">
                    {!! Form::open(['route' => 'roles.store']) !!}
                    @include('roles.partials.form')
                    {!! Form::close() !!}
                </div>
            </div>
        </div>
        <div class="col-md-1"></div>
    </div>
</div>
@endsection
```

resources/views/roles/edit.blade.php

```
@extends('layouts.app')

@section('content')
<div class="container">
    <div class="row justify-content-center">
        <div class="col-md-1"></div>
        <div class="col-md-10">
            <div class="card">
                <div class="card-header">Role</div>
                <div class="card-body">
                    {!! Form::model($role, ['route' => ['roles.update', $role->id], 'method'
=> 'PUT']) !!}
                    @include('roles.partials.form')
                    {!! Form::close() !!}
                </div>
            </div>
        </div>
        <div class="col-md-1"></div>
    </div>
</div>
@endsection
```

resources/views/roles/show.blade.php

```
@extends('layouts.app')
```

```
@section('content')
```

```
<div class="container">
```

```
<div class="row justify-content-center">
```

```
<div class="col-md-1"></div>
```

```
<div class="col-md-10">
```

```
<div class="card">
```

```
<div class="card-header">Role</div>
```

```
<div class="card-body">
```

```
<p><strong>Role: </strong> {{ $role->name }}</p>
```

```
<p><strong>Slug: </strong> {{ $role->slug }}</p>
```

```
<p><strong>Descrição: </strong> {{ $role->description }}</p>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div class="col-md-1"></div>
```

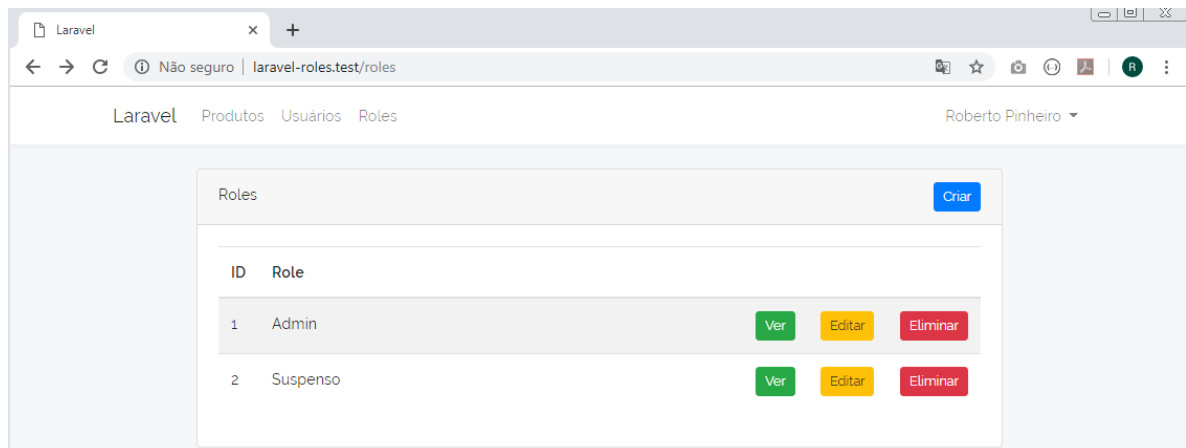
```
</div>
```

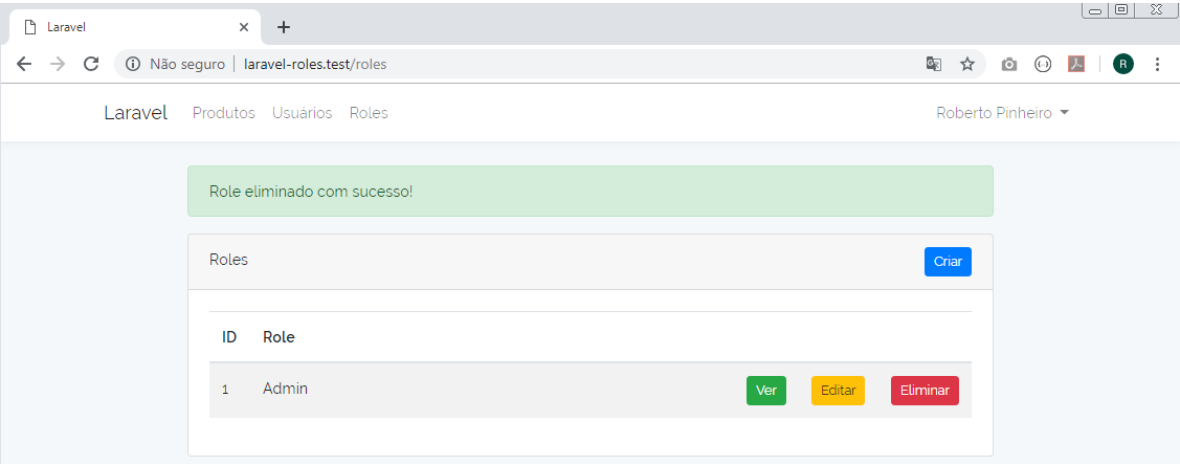
```
</div>
```

```
@endsection
```

Eliminando um role

Elimine o role de id 2





Aula 20 - Gravar e editar roles e permissions

resources/views/roles/partials/form.blade.php

```
<div class="form-group">
    {{ Form::label('name', 'Nome') }}
    {{ Form::text('name', null, ['class' => 'form-control']) }}
</div>
<div class="form-group">
    {{ Form::label('slug', 'URL amigável') }}
    {{ Form::text('slug', null, ['class' => 'form-control']) }}
</div>
<div class="form-group">
    {{ Form::label('description', 'Descrição') }}
    {{ Form::textarea('description', null, ['class' => 'form-control']) }}
</div>
<hr>
<h3>Permissão especial</h3>
<div class="form-group">
    <label>{{ Form::radio('special', 'all-access') }} Acesso Total</label>
    <label>{{ Form::radio('special', 'no-access') }} Nenhum Acesso</label>
</div>
<h3>Lista de permissions</h3>
<div class="form-group">
    <ul class="list-unstyled">
        @foreach($permissions as $permission)
            <li>
                <label>
                    {{ Form::checkbox('permissions[]', $permission->id, null) }}
                    {{ $permission->name }}
                    <em>({{ $permission->description ? : 'Sem descrição' }})</em>
                </label>
            </li>
        @endforeach
    </ul>
</div>
<div class="form-group">
    {{ Form::submit('Gravar', ['class' => 'btn btn-sm btn-primary']) }}
</div>
```

http/Controllers/RoleController.php

```
<?php
```

```
namespace App\Http\Controllers;
```

```
use Caffeinated\Shinobi\Models\Role;  
use Caffeinated\Shinobi\Models\Permission;  
use Illuminate\Http\Request;
```

```
class RoleController extends Controller
```

```
{  
    public function index()  
    {  
        $roles = Role::paginate();  
        return view('roles.index', compact('roles'));  
    }  
  
    public function create()  
    {  
        $permissions = Permission::get();  
        return view('roles.create', compact('permissions'));  
    }  
  
    public function store(Request $request)  
    {  
        $role = Role::create($request->all());  
  
        // Atualizar permissions  
        $role->permissions()->sync($request->get('permissions'));  
  
        return redirect()->route('roles.edit', $role->id)  
            ->with('info', 'Role gravado com sucesso!');  
    }  
  
    public function show(Role $role)  
    {  
        return view('roles.show', compact('role'));  
    }  
  
    public function edit(Role $role)  
    {  
        $permissions = Permission::get();  
        return view('roles.edit', compact('role', 'permissions'));  
    }  
  
    public function update(Request $request, Role $role)  
    {  
        // Atualizar role  
        $role->update($request->all());  
    }  
}
```

```
// Atualizar permissions
$role->permissions()->sync($request->get('permissions'));

return redirect()->route('roles.edit', $role->id)
->with('info', 'Role atualizado com sucesso!');
}

public function destroy(Role $role)
{
    $role->delete();
    return back()->with('info', 'Role eliminado com sucesso!');
}
}
```

Criando role e permissions

Laravel

laravel-roles.test/roles/create

Não seguro

Roberto Pinheiro

Produtos

Usuários

Roles

Role

Nome

Supervisor

URL amigável

supervisor

Descrição

Permissão especial

Acesso Total

Nenhum Acesso

Lista de permissions

☒

Exibir usuários *(Lista e exibe todos os usuários do sistema)*

☒

Ver detalhes de usuário *(Ver em detalhes cada usuário do sistema)*

☐

Edição de usuários *(Editar qualquer dado de um usuário do sistema)*

☐

Eliminar usuário *(Eliminar qualquer usuário do sistema)*☒☒☐☐☐☒☒☐☐☐

Gravar

Laravel

Produtos

Usuários

Roles

Roberto Pinheiro

Role gravado com sucesso!

Role

Nome

Supervisor

URL amigável

supervisor

Descrição

Permissão especial

Acesso Total

Nenhum Acesso

Lista de permissions

☒ Exibir usuários *(Lista e exibe todos os usuários do sistema)*

☒ Ver detalhes de usuário *(Ver em detalhes cada usuário do sistema)*

☐ Edição de usuários *(Editar qualquer dado de um usuário do sistema)*

☐ Eliminar usuário *(Eliminar qualquer usuário do sistema)*

☒ Exibir roles *(Lista e exibe todos os roles do sistema)*

☒ Ver detalhes de rol *(Ver em detalhes cada role do sistema)*

☐ Criação de rol *(Criar role do sistema)*

☐ Edição de rol *(Editar qualquer dado de um role do sistema)*

☐ Eliminar rol *(Eliminar qualquer role do sistema)*

☒ Exibir produtos *(Lista e exibe todos os produtos do sistema)*

☒ Ver detalhes de produto *(Ver em detalhes cada produto do sistema)*

☐ Criação de produto *(Criar produto do sistema)*

☐ Edição de produto *(Editar qualquer dado de um produto do sistema)*

☐ Eliminar produto *(Eliminar qualquer produto do sistema)*

Gravar

Laravel

Produtos

Usuários

Roles

Roberto Pinheiro

Roles

Criar

ID	Role			
1	Admin	Ver	Editar	Eliminar
4	Supervisor	Ver	Editar	Eliminar

✓ Showing rows 0 - 1 (2 total, Query took 0.0000 seconds.)

```
SELECT * FROM `roles`
```

Profiling [Edit inline] [Edit]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

	id	name	slug	description	created_at	updated_at	special
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1	Admin	admin	Role Administrador	2019-04-17 21:27:02	2019-04-17 21:27:02	all-access
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	4	Supervisor	supervisor	NULL	2019-04-18 07:46:05	2019-04-18 07:46:05	NULL

Check all | With selected: Edit Copy Delete Export

Registrando um novo usuário

Senha: 123456

Laravel

Login Register

Register

Name

E-Mail Address

Password

Confirm Password

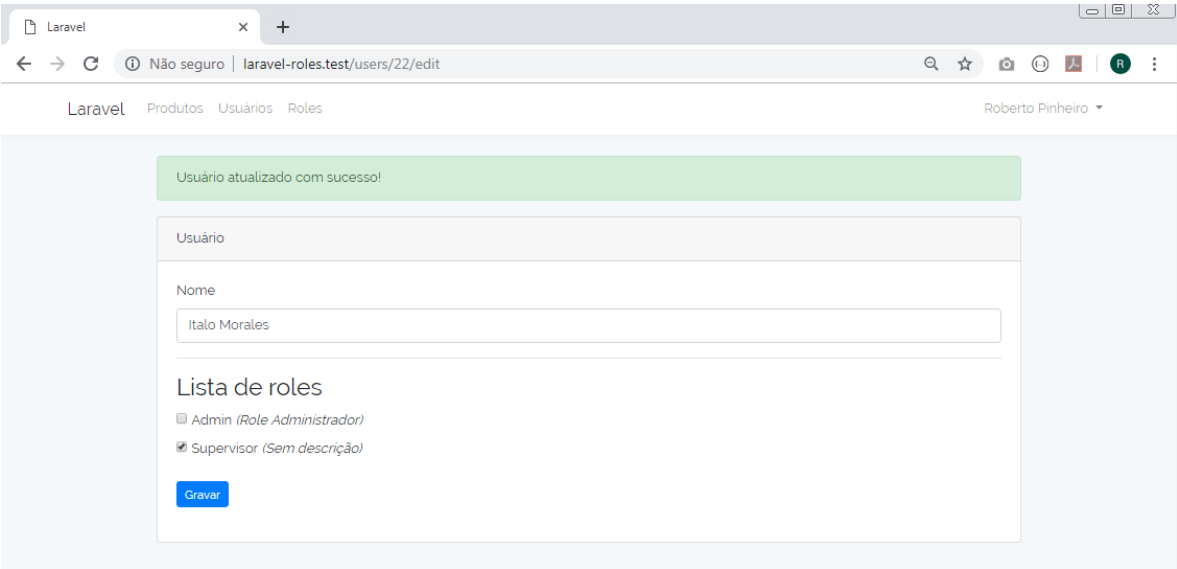
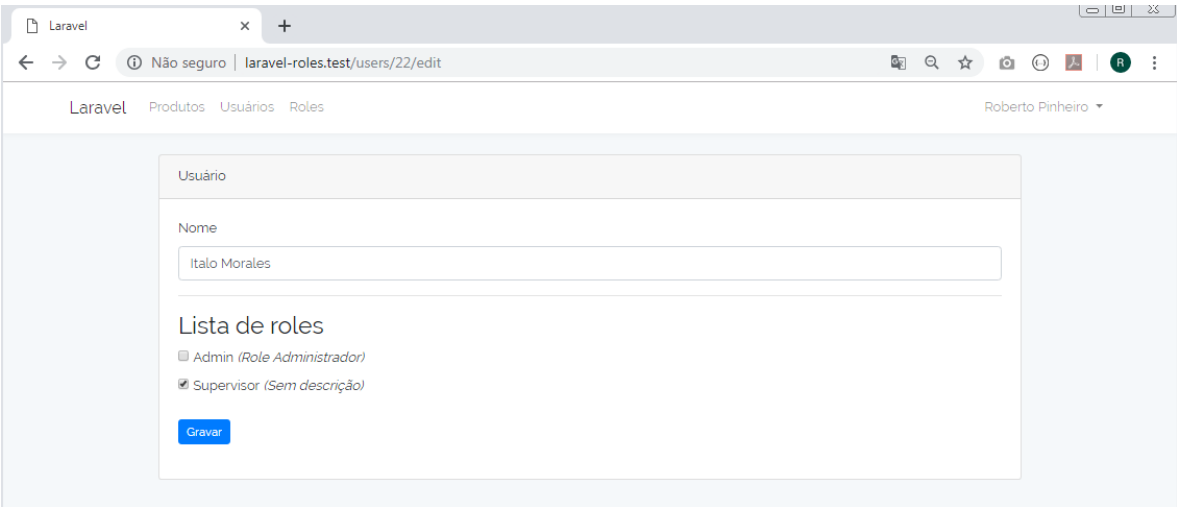
Laravel

Italo Morales

Dashboard

You are logged in!

Administrador atribuindo role de supervisor ao usuário registrado



Usuário criado (Italo Morales) acessando o sistema

Produtos:

Laravel

Produtos

Usuários

Roles

Italo Morales

Produtos

ID	Nome	
1	Culpa non sed asperiores necessitatibus.- EDITADO	Ver
2	Quam distinctio occaecati dolores a saepe fuga occaecati.	Ver
3	Autem qui tenetur rerum officia iure odio.	Ver
4	Quo eaque alias tempora voluptates et officia.	Ver
5	Sunt nobis beatae perferendis et molestiae temporibus rerum.	Ver
6	Quia recusandae perspiciatis facilis animi natus rerum delectus.	Ver
7	Ipsa ut possimus nisi quasi quidem officiis et dolorum.	Ver
8	Quia est odit mollitia vitae quaerat ullam et.	Ver
9	Enim nobis in similique id.	Ver
10	Vitae magnam aut dolorem voluptatem enim.	Ver

Laravel

Produtos

Usuários

Roles

Italo Morales

Produto

Produto: Culpa non sed asperiores necessitatibus.- EDITADO

Descrição: Voluptas non recusandae et neque sit nihil et sed.

Usuários:

Laravel

Produtos

Usuários

Roles

Italo Morales

Usuários

ID	Nome	
1	Adolfo Dibbert - EDITADO	Ver
3	Everett Schamberger	Ver
4	Adrienne Homenick PhD	Ver
5	Ona Rolfson	Ver
6	Preston Pouroos	Ver
7	Olin Bahringer	Ver
8	Dr. Billie Kiehn DDS	Ver
9	Ms. Carmela Hauck	Ver
10	Edmond D'Amore	Ver
11	Miss Rosemarie Daugherty III	Ver

Laravel

Produtos

Usuários

Roles

Italo Morales

Usuário

Nome: Everett Schamberger

Email: rollin77@example.com

Roles:

Laravel

Produtos

Usuários

Roles

Italo Morales

Roles

ID	Role	
1	Admin	Ver
4	Supervisor	Ver

Laravel

Não seguro

laravel-roles.test/roles/1

Laravel

Produtos

Usuários

Roles

Italo Morales

Role

Role: Admin

Slug: admin

Descrição: Role Administrador

Aula 21 - Atribuindo permissões a partir das rotas e do controlador

routes/web.php

```
<?php

/*
|-----
| Web Routes
|-----
|
| Here is where you can register web routes for your application. These
| routes are loaded by the RouteServiceProvider within a group which
| contains the "web" middleware group. Now create something great!
|
*/

Route::get('/', function () {
    return view('welcome');
});

Auth::routes();

Route::get('/home', 'HomeController@index')->name('home');

Route::middleware(['auth'])->group(function(){
    // Roles
    Route::resource('roles', 'RoleController');

    // Products
    Route::post('products/store', 'ProductController@store')->name('products.store')
    ->middleware('permission:products.create');
    Route::get('products', 'ProductController@index')->name('products.index')
    ->middleware('permission:products.index');
    Route::get('products/create', 'ProductController@create')->name('products.create')
    ->middleware('permission:products.create');
    Route::put('products/{product}', 'ProductController@update')->name('products.update')
    ->middleware('permission:products.edit');
    Route::get('products/{product}', 'ProductController@show')->name('products.show')
    ->middleware('permission:products.show');
    Route::delete('products/{product}', 'ProductController@destroy')-
>name('products.destroy')
    ->middleware('permission:products.destroy');
    Route::get('products/{product}/edit', 'ProductController@edit')->name('products.edit')
    ->middleware('permission:products.edit');

    // Users
    Route::get('users', 'UserController@index')->name('users.index')
    ->middleware('permission:users.index');
    Route::put('users/{user}', 'UserController@update')->name('users.update')
    ->middleware('permission:users.edit');
```

```
Route::get('users/{user}', 'UserController@show')->name('users.show')
->middleware('permission:users.show');
Route::delete('users/{user}', 'UserController@destroy')->name('users.destroy')
->middleware('permission:users.destroy');
Route::get('users/{user}/edit', 'UserController@edit')->name('users.edit')
->middleware('permission:users.edit');
});
```

http/Controllers/RoleController.php

```
<?php
```

```
namespace App\Http\Controllers;
```

```
use Caffeinated\Shinobi\Models\Role;  
use Caffeinated\Shinobi\Models\Permission;  
use Illuminate\Http\Request;
```

```
class RoleController extends Controller  
{
```

```
    public function __construct()  
    {  
        $this->middleware('permission:roles.create')->only(['create', 'store']);  
        $this->middleware('permission:roles.index')->only(['index']);  
        $this->middleware('permission:roles.edit')->only(['edit', 'update']);  
        $this->middleware('permission:roles.show')->only(['show']);  
        $this->middleware('permission:roles.destroy')->only(['destroy']);  
    }
```

```
    public function index()  
    {  
        $roles = Role::paginate();  
        return view('roles.index', compact('roles'));  
    }
```

```
    public function create()  
    {  
        $permissions = Permission::get();  
        return view('roles.create', compact('permissions'));  
    }
```

```
    public function store(Request $request)  
    {  
        $role = Role::create($request->all());  
  
        // Atualizar permissions  
        $role->permissions()->sync($request->get('permissions'));  
  
        return redirect()->route('roles.edit', $role->id)  
            ->with('info', 'Role gravado com sucesso!');  
    }
```

```
    public function show(Role $role)  
    {  
        return view('roles.show', compact('role'));  
    }
```

```

public function edit(Role $role)
{
    $permissions = Permission::get();
    return view('roles.edit', compact('role', 'permissions'));
}

public function update(Request $request, Role $role)
{
    // Atualizar role
    $role->update($request->all());

    // Atualizar permissions
    $role->permissions()->sync($request->get('permissions'));

    return redirect()->route('roles.edit', $role->id)
        ->with('info', 'Role atualizado com sucesso!');
}

public function destroy(Role $role)
{
    $role->delete();
    return back()->with('info', 'Role eliminado com sucesso!');
}
}

```

resources/views/errors/403.blade.php

```
<!doctype html>
<html lang="{{ app()->getLocale() }}">
    <head>
        <meta charset="utf-8">
        <meta http-equiv="X-UA-Compatible" content="IE=edge">
        <meta name="viewport" content="width=device-width, initial-scale=1">

        <title>Erro 403</title>

        <!-- Fonts -->
        <link href="https://fonts.googleapis.com/css?family=Raleway:100,600"
rel="stylesheet" type="text/css">

        <!-- Styles -->
        <style>
            html, body {
                background-color: #fff;
                color: #636b6f;
                font-family: 'Raleway', sans-serif;
                font-weight: 100;
                height: 100vh;
                margin: 0;
            }

            .full-height {
                height: 100vh;
            }

            .flex-center {
                align-items: center;
                display: flex;
                justify-content: center;
            }

            .position-ref {
                position: relative;
            }

            .top-right {
                position: absolute;
                right: 10px;
                top: 18px;
            }

            .content {
                text-align: center;
            }
        </style>
    </head>
    <body>
```

```
.title {
  font-size: 84px;
}

.links > a {
  color: #636b6f;
  padding: 0 25px;
  font-size: 12px;
  font-weight: 600;
  letter-spacing: .1rem;
  text-decoration: none;
  text-transform: uppercase;
}

.m-b-md {
  margin-bottom: 30px;
}
</style>
</head>
<body>
  <div class="flex-center position-ref full-height">

    <div class="content">
      <div class="title m-b-md">
        403 - Ação não autorizada!
      </div>

      <div class="links">
        <a href={{ route('home') }}>Ir para Home</a>
      </div>
    </div>
  </div>
</body>
</html>
```


resources/views/errors/403.blade.php

```
<!doctype html>
<html lang="{{ app()->getLocale() }}">
  <head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1">

    <title>Erro 404</title>

    <!-- Fonts -->
    <link href="https://fonts.googleapis.com/css?family=Raleway:100,600"
rel="stylesheet" type="text/css">

    <!-- Styles -->
    <style>
      html, body {
        background-color: #fff;
        color: #636b6f;
        font-family: 'Raleway', sans-serif;
        font-weight: 100;
        height: 100vh;
        margin: 0;
      }

      .full-height {
        height: 100vh;
      }

      .flex-center {
        align-items: center;
        display: flex;
        justify-content: center;
      }

      .position-ref {
        position: relative;
      }

      .top-right {
        position: absolute;
        right: 10px;
        top: 18px;
      }

      .content {
        text-align: center;
      }
    </style>
  </head>
  <body>
    <div class="flex-center position-ref full-height">
      <div class="top-right">
        <div class="text">
          <h1>404</h1>
        </div>
      </div>
    </div>
  </body>
</html>
```

```
.title {
  font-size: 84px;
}

.links > a {
  color: #636b6f;
  padding: 0 25px;
  font-size: 12px;
  font-weight: 600;
  letter-spacing: .1rem;
  text-decoration: none;
  text-transform: uppercase;
}

.m-b-md {
  margin-bottom: 30px;
}
</style>
</head>
<body>
  <div class="flex-center position-ref full-height">

    <div class="content">
      <div class="title m-b-md">
        404 - Esta rota não existe!
      </div>

      <div class="links">
        <a href={{ route('home') }}>Ir para Home</a>
      </div>
    </div>
  </div>
</body>
</html>
```

Alterar a lista de permissões para supervisor para:

Laravel

Produtos

Usuários

Roles

Roberto Pinheiro

Role

Nome

Supervisor

URL amigável

supervisor

Descrição

Permissão especial

Acesso Total

Nenhum Acesso

Lista de permissions

☒ Exibir usuários (Lista e exibe todos os usuários do sistema)

☒ Ver detalhes de usuário (Ver em detalhes cada usuário do sistema)

☐ Edição de usuários (Editar qualquer dado de um usuário do sistema)

☐ Eliminar usuário (Eliminar qualquer usuário do sistema)

☐ Exibir roles (Lista e exibe todos os roles do sistema)

☐ Ver detalhes de rol (Ver em detalhes cada role do sistema)

☐ Criação de rol (Criar role do sistema)

☐ Edição de rol (Editar qualquer dado de um role do sistema)

☐ Eliminar rol (Eliminar qualquer role do sistema)

☒ Exibir produtos (Lista e exibe todos os produtos do sistema)

☒ Ver detalhes de produto (Ver em detalhes cada produto do sistema)

☐ Criação de produto (Criar produto do sistema)

☐ Edição de produto (Editar qualquer dado de um produto do sistema)

☐ Eliminar produto (Eliminar qualquer produto do sistema)

Gravar

E gravar.

Entrar como usuário supervisor (Italo Morales):

Laravel

Produtos

Usuários

Italo Morales

Dashboard

You are logged in!

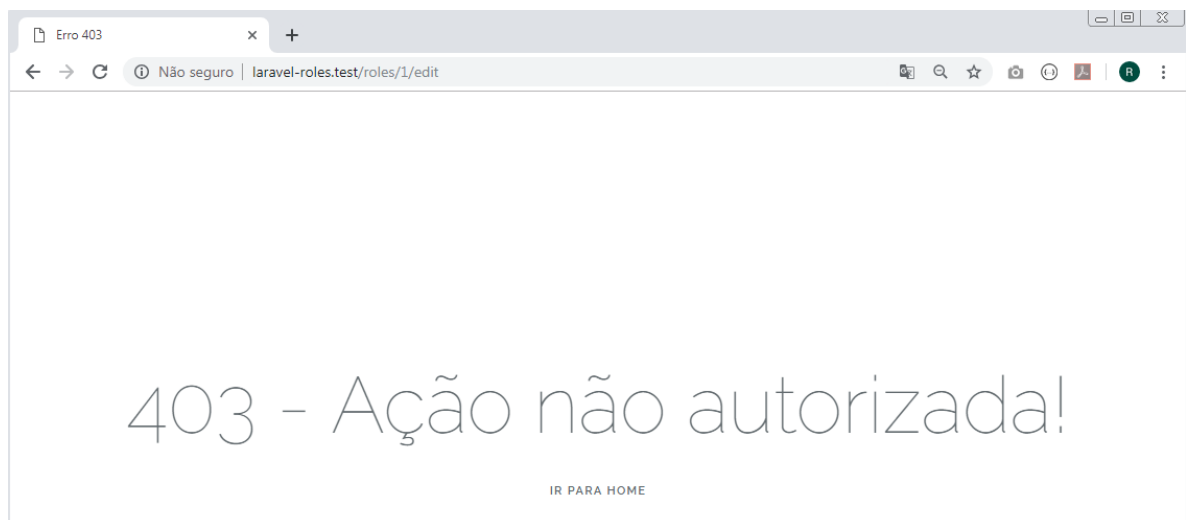
Entre com a URL:

<http://laravel-roles.test/roles>



Entre com a URL:

<http://laravel-roles.test/roles/1/edit>



Entre com a URL:

<http://laravel-roles.test/roles/11/edit>



404 - Esta rota não existe!

[IR PARA HOME](#)