Curso de Laravel 8
cursodesarrolloweb

Aula 03 - Instalação

Instalação global

composer global require laravel/installer

```
C:\Users\beto1>composer global require laravel/installer
Changed current directory to C:/Users/beto1/AppData/Roaming/Composer
Using version ^4.2 for laravel/installer
./composer.json has been created
Running composer update laravel/installer
Loading composer repositories with package information
Updating dependencies
Lock file operations: 13 installs, 0 updates, 0 removals
  - Locking laravel/installer (v4.2.9)
  - Locking psr/container (1.1.2)
  - Locking symfony/console (v5.3.11)
  - Locking symfony/deprecation-contracts (v2.5.0)
  - Locking symfony/polyfill-ctype (v1.23.0)
  - Locking symfony/polyfill-intl-grapheme (v1.23.1)
  - Locking symfony/polyfill-intl-normalizer (v1.23.0)
  - Locking symfony/polyfill-mbstring (v1.23.1)
  - Locking symfony/polyfill-php73 (v1.23.0)
  - Locking symfony/polyfill-php80 (v1.23.1)
  - Locking symfony/process (v5.3.12)
  - Locking symfony/service-contracts (v2.5.0)
  - Locking symfony/string (v5.3.10)
Writing lock file
Installing dependencies from lock file (including require-dev)
Package operations: 13 installs, 0 updates, 0 removals
  - Downloading symfony/process (v5.3.12)
  - Downloading symfony/deprecation-contracts (v2.5.0)
  - Downloading symfony/service-contracts (v2.5.0)
  - Downloading symfony/console (v5.3.11)
  - Downloading laravel/installer (v4.2.9)
  - Installing symfony/polyfill-php80 (v1.23.1): Extracting archive
  - Installing symfony/process (v5.3.12): Extracting archive
  - Installing symfony/polyfill-mbstring (v1.23.1): Extracting archive
  - Installing symfony/polyfill-intl-normalizer (v1.23.0): Extracting archive
  - Installing symfony/polyfill-intl-grapheme (v1.23.1): Extracting archive
  - Installing symfony/polyfill-ctype (v1.23.0): Extracting archive
  - Installing symfony/string (v5.3.10): Extracting archive
  - Installing symfony/deprecation-contracts (v2.5.0): Extracting archive
  - Installing psr/container (1.1.2): Extracting archive
  - Installing symfony/service-contracts (v2.5.0): Extracting archive
  - Installing symfony/polyfill-php73 (v1.23.0): Extracting archive
  - Installing symfony/console (v5.3.11): Extracting archive
  - Installing laravel/installer (v4.2.9): Extracting archive
6 package suggestions were added by new dependencies, use `composer suggest` to see details.
Generating autoload files
11 packages you are using are looking for funding.
Use the `composer fund` command to find out more!
```

laravel -V

```
C:\Users\beto1>laravel -V
Laravel Installer 4.2.9
```

laravel new blog
cd blog

Instalação usando composer

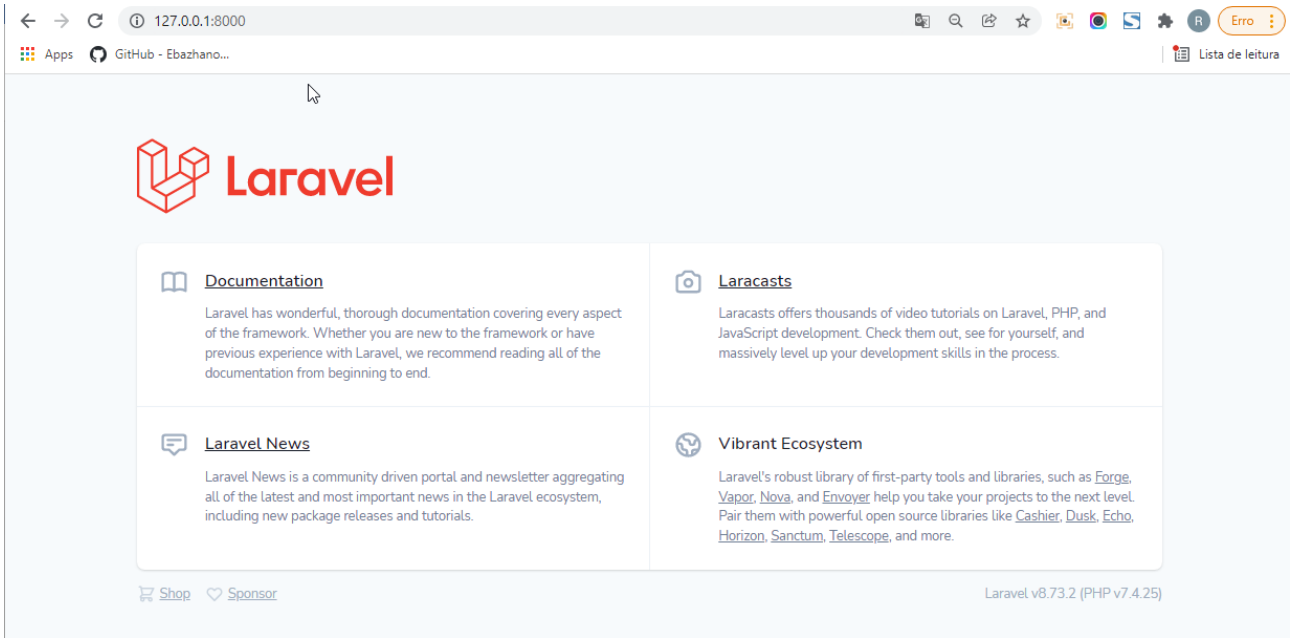
composer create-project laravel/laravel blog2

Aula 04 - Rodando o servidor

php artisan serve

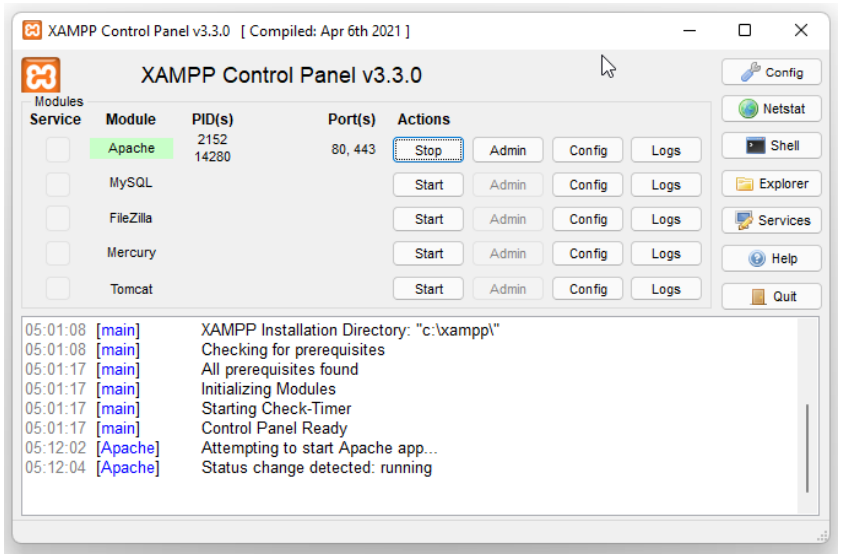
```
C:\xampp\htdocs\blog>php artisan serve
Starting Laravel development server: http://127.0.0.1:8000
[Thu Nov 25 04:57:48 2021] PHP 7.4.25 Development Server (http://127.0.0.1:8000) started
Environment modified. Restarting server...
```

http://127.0.0.1:8000

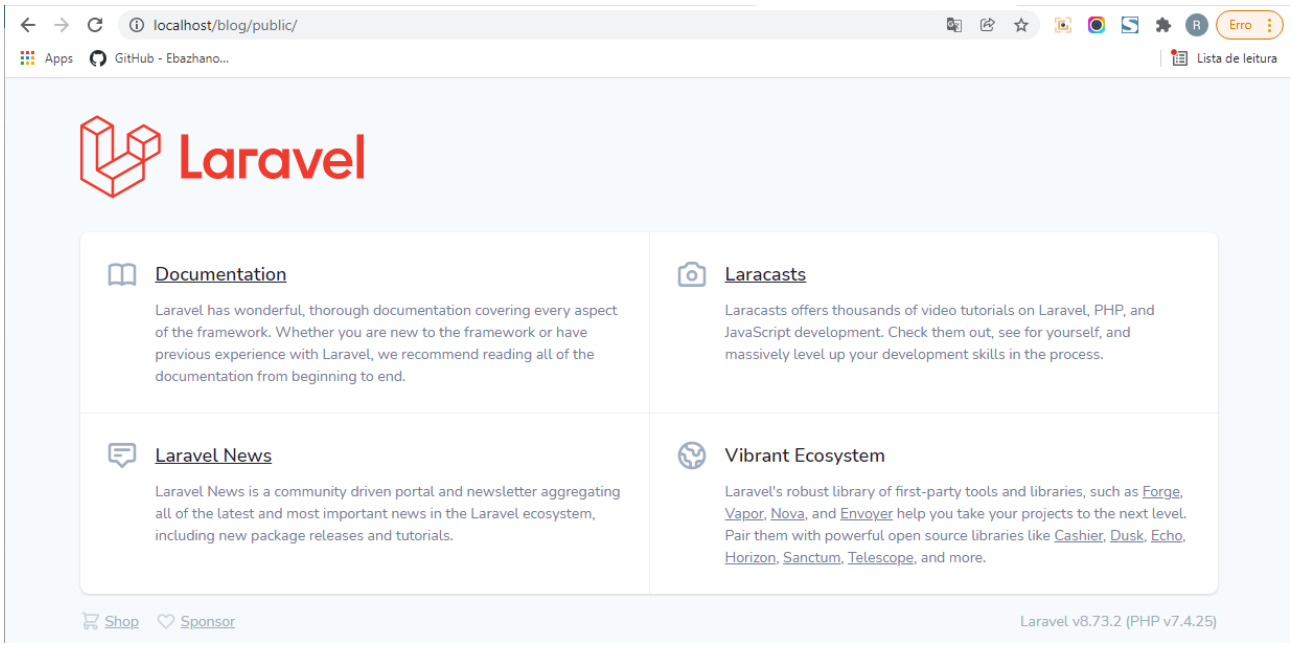


Usando Xampp

- Inicie o servidor Apache do Xampp



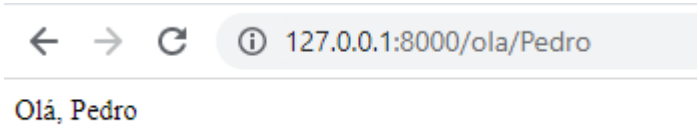
http://localhost/blog/public/



Aula 08 - Introdução ao sistema de rotas

routes\web.php

```
<?php

use Illuminate\Support\Facades\Route;

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

Route::get('/ola/{name}', function ($name) {
    return ("Olá, {$name}");
});
```



Olá, Pedro

Aula 09 - Introdução aos controladores

Criando um controller de forma manual

app\Http\Controllers\OlaController.php

```
<?php

namespace App\Http\Controllers;

class OlaController extends Controller {
   public function __invoke(string $name){
      return ("Olá, {$name}");
   }
}
```

routes\web.php

```
<?php

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

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

Route::get('/ola/{name}', OlaController::class);
```

Aula 10 - Artisan, a linha de comandos do Laravel

php artisan serve

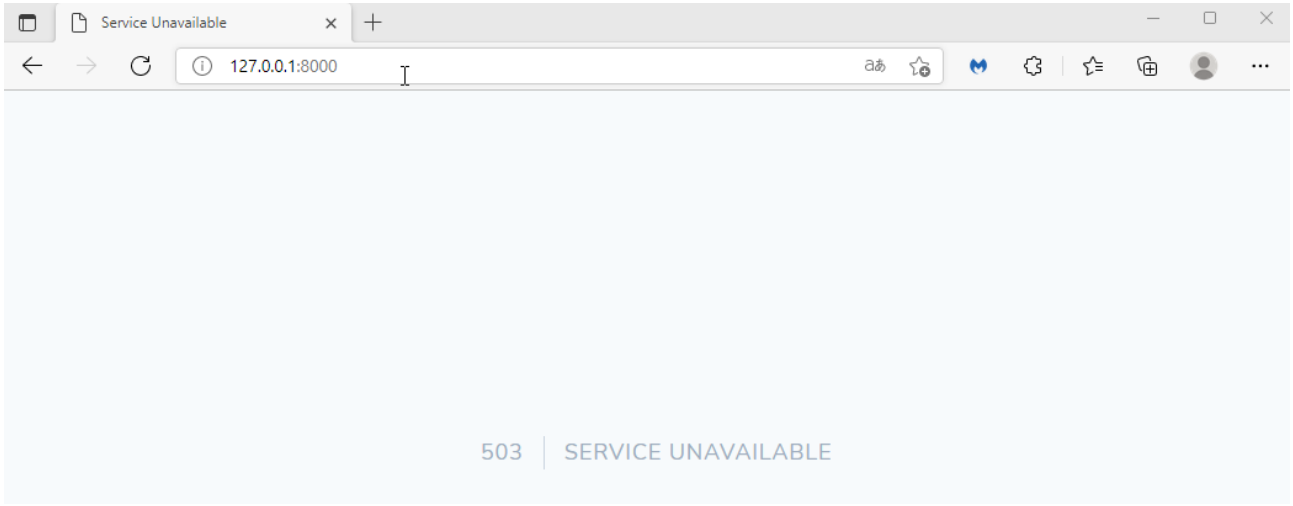
```
C:\xampp\htdocs\blog>php artisan serve
Starting Laravel development server: http://127.0.0.1:8000
[Thu Nov 25 10:29:28 2021] PHP 7.4.25 Development Server (http://127.0.0.1:8000) started
```

php artisan inspire

```
C:\xampp\htdocs\blog>php artisan inspire
Act only according to that maxim whereby you can, at the same time, will that it should become a universal law. - Immanuel Kant
```

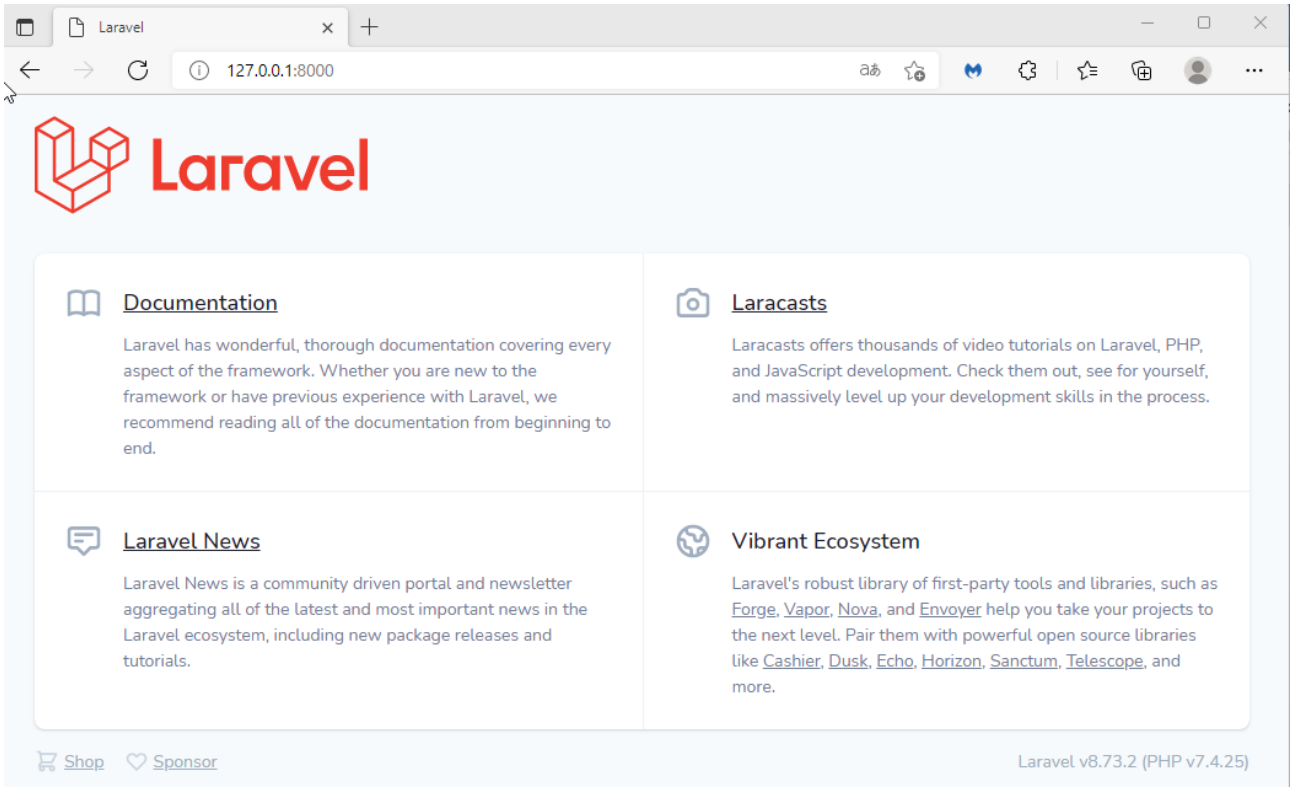
php artisan down

```
C:\xampp\htdocs\blog>php artisan down
Application is now in maintenance mode.
```



php artisan up

```
C:\xampp\htdocs\blog>php artisan up
Application is now live.
```



php artisan route:list

```
C:\xampp\htdocs\blog>php artisan route:list
+--------+----------+--------------------+------+-----------------------------------------------------------------+-----------------------------------------+
| Domain | Method   | URI                | Name | Action                                                          | Middleware                              |
+--------+----------+--------------------+------+-----------------------------------------------------------------+-----------------------------------------+
|        | GET|HEAD | /                  |      | Closure                                                         | web                                     |
|        | GET|HEAD | api/user           |      | Closure                                                         | api                                     |
|        |          |                    |      |                                                                 | App\Http\Middleware\Authenticate:sanctum |
|        | GET|HEAD | ola/{name}         |      | App\Http\Controllers\OlaController                              | web                                     |
|        | GET|HEAD | sanctum/csrf-cookie |      | Laravel\Sanctum\Http\Controllers\CsrfCookieController@show | web                                     |
+--------+----------+--------------------+------+-----------------------------------------------------------------+-----------------------------------------+
```

php artisan route:list -c

```
C:\xampp\htdocs\blog>php artisan route:list -c
+----------+--------------------+-----------------------------------------------------------------+
| Method   | URI                | Action                                                          |
+----------+--------------------+-----------------------------------------------------------------+
| GET|HEAD | /                  | Closure                                                         |
| GET|HEAD | api/user           | Closure                                                         |
| GET|HEAD | ola/{name}         | App\Http\Controllers\OlaController                              |
| GET|HEAD | sanctum/csrf-cookie | Laravel\Sanctum\Http\Controllers\CsrfCookieController@show |
+----------+--------------------+-----------------------------------------------------------------+
```

Criando controller com o Artisan

php artisan make:controller OlaController

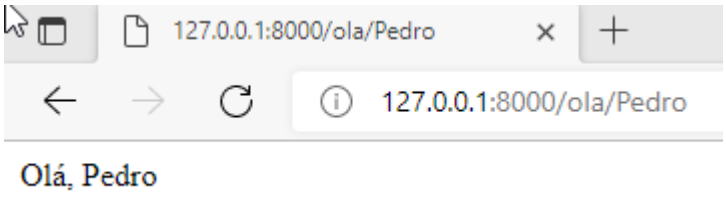
```
C:\xampp\htdocs\blog>php artisan make:controller OlaController
Controller created successfully.
```

app\Http\Controllers\OlaController.php

```
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;

class OlaController extends Controller
{
   public function __invoke(string $name)
   {
      return ("Olá, {$name}");
   }
}
```

routes\web.php

```
<?php

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

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

Route::get('/ola/{name}', OlaController::class);
```



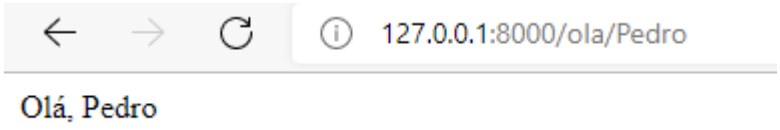
Aula 11 - Uso de métodos em Controladores

routes\web.php

```
<?php

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

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

Route::get('/ola/{name}', [OlaController::class, "index"]);
```

app\Http\Controllers\OlaController.php

```
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;

class OlaController extends Controller
{
   public function index(string $name)
   {
      return ("Olá, {$name}");
   }
}
```



Olá, Pedro

app\Http\Controllers\OlaController.php

```
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;

class OlaController extends Controller
{
   public function index(string $name)
   {
      return view("saudar", compact("name"));
   }
}
```

resources\views\saudar.blade.php

```
<h1>Olá, {{ $name }}</h1>
```

Olá, Pedro

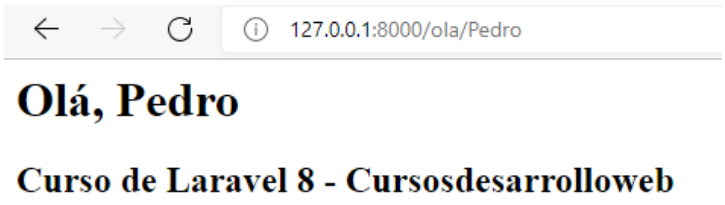
Aula 12 - Variáveis de ambiente

.env

```
APP_NAME="Curso de Laravel 8 - Cursosdesarrolloweb"
APP_ENV=local
APP_KEY=base64:ejpjIGU95fkNemcwzBHpU9YMaDLBmGSWo5ebkN22F/Q=
APP_DEBUG=true
APP_URL=http://blog.test

LOG_CHANNEL=stack
LOG_DEPRECATIONS_CHANNEL=null
LOG_LEVEL=debug

DB_CONNECTION=mysql
DB_HOST=127.0.0.1
DB_PORT=3306
DB_DATABASE=blog
DB_USERNAME=root
DB_PASSWORD=

BROADCAST_DRIVER=log
CACHE_DRIVER=file
FILESYSTEM_DRIVER=local
QUEUE_CONNECTION=sync
SESSION_DRIVER=file
SESSION_LIFETIME=120

MEMCACHED_HOST=127.0.0.1

REDIS_HOST=127.0.0.1
REDIS_PASSWORD=null
REDIS_PORT=6379

MAIL_MAILER=smtp
MAIL_HOST=mailhog
MAIL_PORT=1025
MAIL_USERNAME=null
MAIL_PASSWORD=null
MAIL_ENCRYPTION=null
MAIL_FROM_ADDRESS=null
MAIL_FROM_NAME="${APP_NAME}"

AWS_ACCESS_KEY_ID=
AWS_SECRET_ACCESS_KEY=
AWS_DEFAULT_REGION=us-east-1
AWS_BUCKET=
AWS_USE_PATH_STYLE_ENDPOINT=false

PUSHER_APP_ID=
PUSHER_APP_KEY=
PUSHER_APP_SECRET=
PUSHER_APP_CLUSTER=mt1

MIX_PUSHER_APP_KEY="${PUSHER_APP_KEY}"
MIX_PUSHER_APP_CLUSTER="${PUSHER_APP_CLUSTER}"
```

resources\views\saudar.blade.php

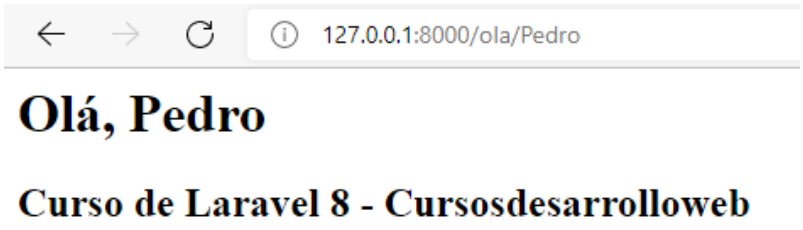
```
<h1>Olá, {{ $name }}</h1>
<h2>{{env("APP_NAME")}}</h2>
```



Aula 13 - Uso correto de variáveis de ambiente

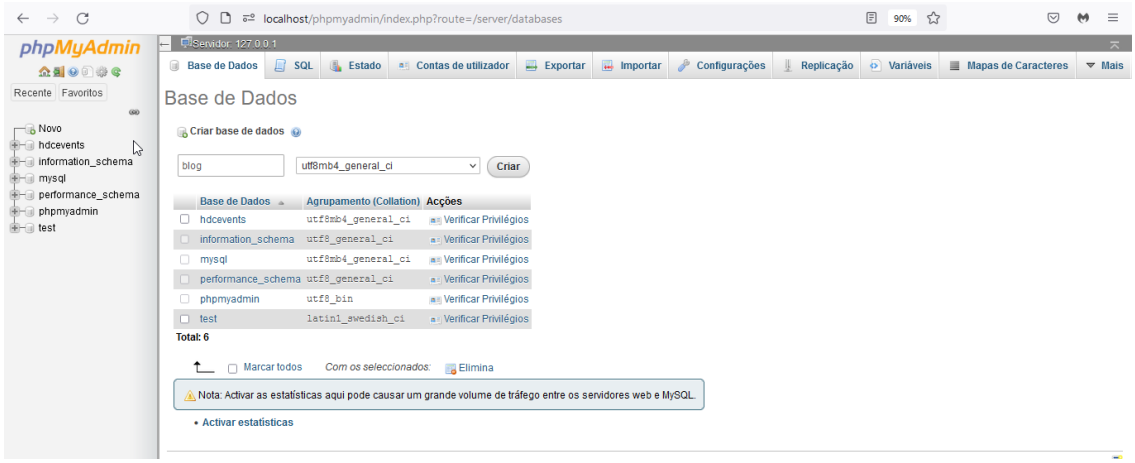
resources\views\saudar.blade.php

```
<h1>Olá, {{ $name }}</h1>
<h2>{{ config("app.name") }}</h2>
```



Aula 16 - Introdução às migrations

- No PHPMyAdmin crie a base de dados chamada blog.



database\migrations\2014_10_12_000000_create_users_table.php

```
<?php

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

class CreateUsersTable extends Migration
{
    /**
     * Run the migrations.
     *
     * @return void
     */
    public function up()
    {
        Schema::create('users', function (Blueprint $table) {
            $table->id();
            $table->string('name');
            $table->string('email')->unique();
            $table->timestamp('email_verified_at')->nullable();
            $table->string('password');
            $table->rememberToken();
            $table->timestamps();
        });
    }

    /**
     * Reverse the migrations.
     *
     * @return void
     */
    public function down()
    {
        Schema::dropIfExists('users');
    }
}
```

php artisan migrate

```
PS C:\xampp\htdocs\blog> php artisan migrate
Migration table created successfully.
Migrating: 2014_10_12_000000_create_users_table
Migrated:  2014_10_12_000000_create_users_table (2,841.88ms)
Migrating: 2014_10_12_100000_create_password_resets_table
Migrated:  2014_10_12_100000_create_password_resets_table (1,310.37ms)
Migrating: 2019_08_19_000000_create_failed_jobs_table
Migrated:  2019_08_19_000000_create_failed_jobs_table (1,317.63ms)
Migrating: 2019_12_14_000001_create_personal_access_tokens_table
Migrated:  2019_12_14_000001_create_personal_access_tokens_table (1,233.72ms)
```

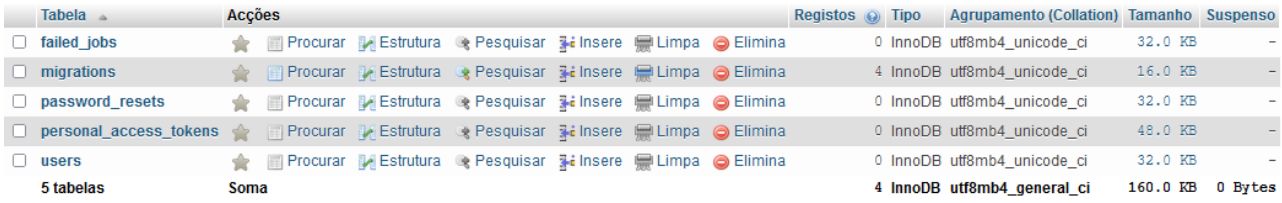


Tabela	Acções	Registos	Tipo	Agrupamento (Collation)	Tamanho	Suspenso
failed_jobs	Procurar Estrutura Pesquisar Insere Limpa Elimina	0	InnoDB	utf8mb4_unicode_ci	32.0 KB	-
migrations	Procurar Estrutura Pesquisar Insere Limpa Elimina	4	InnoDB	utf8mb4_unicode_ci	16.0 KB	-
password_resets	Procurar Estrutura Pesquisar Insere Limpa Elimina	0	InnoDB	utf8mb4_unicode_ci	32.0 KB	-
personal_access_tokens	Procurar Estrutura Pesquisar Insere Limpa Elimina	0	InnoDB	utf8mb4_unicode_ci	48.0 KB	-
users	Procurar Estrutura Pesquisar Insere Limpa Elimina	0	InnoDB	utf8mb4_unicode_ci	32.0 KB	-
5 tabelas	Soma	4	InnoDB	utf8mb4_general_ci	160.0 KB	0 Bytes

php artisan migrate:status

```
PS C:\xampp\htdocs\blog> php artisan migrate:status
+------+-----------------------------------------------------+-------+
| Ran? | Migration                                           | Batch |
+------+-----------------------------------------------------+-------+
| Yes  | 2014_10_12_000000_create_users_table                | 1     |
| Yes  | 2014_10_12_100000_create_password_resets_table      | 1     |
| Yes  | 2019_08_19_000000_create_failed_jobs_table          | 1     |
| Yes  | 2019_12_14_000001_create_personal_access_tokens_table | 1     |
+------+-----------------------------------------------------+-------+
```

Voltando atrás na última migration

php artisan migrate:rollback

```
PS C:\xampp\htdocs\blog> php artisan migrate:rollback
Rolling back: 2019_12_14_000001_create_personal_access_tokens_table
Rolled back:  2019_12_14_000001_create_personal_access_tokens_table (344.13ms)
Rolling back: 2019_08_19_000000_create_failed_jobs_table
Rolled back:  2019_08_19_000000_create_failed_jobs_table (208.97ms)
Rolling back: 2014_10_12_100000_create_password_resets_table
Rolled back:  2014_10_12_100000_create_password_resets_table (206.41ms)
Rolling back: 2014_10_12_000000_create_users_table
Rolled back:  2014_10_12_000000_create_users_table (417.75ms)
```

Tabela	Acções	Registos	Tipo	Agrupamento (Collation)	Tamanho	Suspenso
migrations	Procurar Estrutura Pesquisar Insere Limpa Elimina	0	InnoDB	utf8mb4_unicode_ci	16.0 KB	-
1 tabela	Soma	0	InnoDB	utf8mb4_general_ci	16.0 KB	0 Bytes

Marcar todos Com os seleccionados:

Imprimir Dicionário de dados

Recriando as tabelas no banco de dados

php artisan migrate

```
PS C:\xampp\htdocs\blog> php artisan migrate
Migration table created successfully.
Migrating: 2014_10_12_000000_create_users_table
Migrated:  2014_10_12_000000_create_users_table (2,841.88ms)
Migrating: 2014_10_12_100000_create_password_resets_table
Migrated:  2014_10_12_100000_create_password_resets_table (1,310.37ms)
Migrating: 2019_08_19_000000_create_failed_jobs_table
Migrated:  2019_08_19_000000_create_failed_jobs_table (1,317.63ms)
Migrating: 2019_12_14_000001_create_personal_access_tokens_table
Migrated:  2019_12_14_000001_create_personal_access_tokens_table (1,233.72ms)
```

Squashing migrations

Em variáveis de ambiente, adicionar no path:

C:\xampp\mysql\bin

php artisan schema:dump

```
C:\xampp\htdocs\blog>php artisan schema:dump
Database schema dumped successfully.
```

database\schema\mysql-schema.dump

```
/*!40103 SET @OLD_TIME_ZONE=@@TIME_ZONE */;
/*!40103 SET TIME_ZONE='+00:00' */;
/*!40014 SET @OLD_UNIQUE_CHECKS=@@UNIQUE_CHECKS, UNIQUE_CHECKS=0 */;
/*!40014 SET @OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS, FOREIGN_KEY_CHECKS=0 */;
/*!40101 SET @OLD_SQL_MODE=@@SQL_MODE, SQL_MODE='NO_AUTO_VALUE_ON_ZERO' */;
/*!40111 SET @OLD_SQL_NOTES=@@SQL_NOTES, SQL_NOTES=0 */;
DROP TABLE IF EXISTS `failed_jobs`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `failed_jobs` (
  `id` bigint(20) unsigned NOT NULL AUTO_INCREMENT,
  `uuid` varchar(255) COLLATE utf8mb4_unicode_ci NOT NULL,
  `connection` text COLLATE utf8mb4_unicode_ci NOT NULL,
  `queue` text COLLATE utf8mb4_unicode_ci NOT NULL,
  `payload` longtext COLLATE utf8mb4_unicode_ci NOT NULL,
  `exception` longtext COLLATE utf8mb4_unicode_ci NOT NULL,
  `failed_at` timestamp NOT NULL DEFAULT current_timestamp(),
  PRIMARY KEY (`id`),
  UNIQUE KEY `failed_jobs_uuid_unique` (`uuid`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_unicode_ci;
/*!40101 SET character_set_client = @saved_cs_client */;
DROP TABLE IF EXISTS `migrations`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `migrations` (
```

```
  `id` int(10) unsigned NOT NULL AUTO_INCREMENT,
  `migration` varchar(255) COLLATE utf8mb4_unicode_ci NOT NULL,
  `batch` int(11) NOT NULL,
  PRIMARY KEY (`id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_unicode_ci;
/*!40101 SET character_set_client = @saved_cs_client */;
DROP TABLE IF EXISTS `password_resets`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `password_resets` (
  `email` varchar(255) COLLATE utf8mb4_unicode_ci NOT NULL,
  `token` varchar(255) COLLATE utf8mb4_unicode_ci NOT NULL,
  `created_at` timestamp NULL DEFAULT NULL,
  KEY `password_resets_email_index` (`email`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_unicode_ci;
/*!40101 SET character_set_client = @saved_cs_client */;
DROP TABLE IF EXISTS `personal_access_tokens`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `personal_access_tokens` (
  `id` bigint(20) unsigned NOT NULL AUTO_INCREMENT,
  `tokenable_type` varchar(255) COLLATE utf8mb4_unicode_ci NOT NULL,
  `tokenable_id` bigint(20) unsigned NOT NULL,
  `name` varchar(255) COLLATE utf8mb4_unicode_ci NOT NULL,
  `token` varchar(64) COLLATE utf8mb4_unicode_ci NOT NULL,
  `abilities` text COLLATE utf8mb4_unicode_ci DEFAULT NULL,
  `last_used_at` timestamp NULL DEFAULT NULL,
  `created_at` timestamp NULL DEFAULT NULL,
  `updated_at` timestamp NULL DEFAULT NULL,
  PRIMARY KEY (`id`),
  UNIQUE KEY `personal_access_tokens_token_unique` (`token`),
  KEY `personal_access_tokens_tokenable_type_tokenable_id_index` (`tokenable_type`,`tokenable_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_unicode_ci;
/*!40101 SET character_set_client = @saved_cs_client */;
DROP TABLE IF EXISTS `users`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `users` (
  `id` bigint(20) unsigned NOT NULL AUTO_INCREMENT,
  `name` varchar(255) COLLATE utf8mb4_unicode_ci NOT NULL,
  `email` varchar(255) COLLATE utf8mb4_unicode_ci NOT NULL,
  `email_verified_at` timestamp NULL DEFAULT NULL,
  `password` varchar(255) COLLATE utf8mb4_unicode_ci NOT NULL,
  `remember_token` varchar(100) COLLATE utf8mb4_unicode_ci DEFAULT NULL,
  `created_at` timestamp NULL DEFAULT NULL,
  `updated_at` timestamp NULL DEFAULT NULL,
  PRIMARY KEY (`id`),
  UNIQUE KEY `users_email_unique` (`email`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_unicode_ci;
/*!40101 SET character_set_client = @saved_cs_client */;
/*!40103 SET TIME_ZONE=@OLD_TIME_ZONE */;

/*!40101 SET SQL_MODE=@OLD_SQL_MODE */;
/*!40014 SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS */;
/*!40014 SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS */;
/*!40111 SET SQL_NOTES=@OLD_SQL_NOTES */;

INSERT INTO `migrations` VALUES (5,'2014_10_12_000000_create_users_table',1);
INSERT INTO `migrations` VALUES (6,'2014_10_12_100000_create_password_resets_table',1);
```

INSERT INTO `migrations` VALUES (7,'2019_08_19_000000_create_failed_jobs_table',1);
INSERT INTO `migrations` VALUES (8,'2019_12_14_000001_create_personal_access_tokens_table',1);

Voltando atrás todas as migrations

php artisan migrate:reset

```
PS C:\xampp\htdocs\blog> php artisan migrate:reset
Rolling back: 2019_12_14_000001_create_personal_access_tokens_table
Rolled back:  2019_12_14_000001_create_personal_access_tokens_table (910.22ms)
Rolling back: 2019_08_19_000000_create_failed_jobs_table
Rolled back:  2019_08_19_000000_create_failed_jobs_table (235.28ms)
Rolling back: 2014_10_12_100000_create_password_resets_table
Rolled back:  2014_10_12_100000_create_password_resets_table (684.96ms)
Rolling back: 2014_10_12_000000_create_users_table
Rolled back:  2014_10_12_000000_create_users_table (109.46ms)
```

Resetando e voltando a criar as migrations

php artisan migrate:fresh

```
Dropped all tables successfully.
Migration table created successfully.
Migrating: 2014_10_12_000000_create_users_table
Migrated:  2014_10_12_000000_create_users_table (1,182.57ms)
Migrating: 2014_10_12_100000_create_password_resets_table
Migrated:  2014_10_12_100000_create_password_resets_table (688.14ms)
Migrating: 2019_08_19_000000_create_failed_jobs_table
Migrated:  2019_08_19_000000_create_failed_jobs_table (727.62ms)
Migrating: 2019_12_14_000001_create_personal_access_tokens_table
Migrated:  2019_12_14_000001_create_personal_access_tokens_table (698.99ms)
```

Aula 17 - Criar uma migration simples para a tabela de Posts

php artisan make:migration create_posts_table

```
PS C:\xampp\htdocs\blog> php artisan make:migration create_posts_table
Created Migration: 2021_11_25_232346_create_posts_table
```

database\migrations\2021_11_25_232346_create_posts_table.php

```
<?php

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

class CreatePostsTable extends Migration
{
    public function up()
    {
        Schema::create('posts', function (Blueprint $table) {
            $table->id();
            $table->string("title", 100)->unique();
            $table->text("content");
            $table->timestamps();
        });
    }

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

php artisan migrate

```
PS C:\xampp\htdocs\blog> php artisan migrate
Migrating: 2021_11_25_232346_create_posts_table
Migrated:  2021_11_25_232346_create_posts_table (2,065.99ms)
```

	Tabela	Acções	Registos	Tipo	Agrupamento (Collation)	Tamanho	Suspenso
☐	failed_jobs	Procurar Estrutura Pesquisar Insere Limpa Elimina	0	InnoDB	utf8mb4_unicode_ci	32.0 KB	-
☐	migrations	Procurar Estrutura Pesquisar Insere Limpa Elimina	5	InnoDB	utf8mb4_unicode_ci	16.0 KB	-
☐	password_resets	Procurar Estrutura Pesquisar Insere Limpa Elimina	0	InnoDB	utf8mb4_unicode_ci	32.0 KB	-
☐	personal_access_tokens	Procurar Estrutura Pesquisar Insere Limpa Elimina	0	InnoDB	utf8mb4_unicode_ci	48.0 KB	-
☐	posts	Procurar Estrutura Pesquisar Insere Limpa Elimina	0	InnoDB	utf8mb4_unicode_ci	32.0 KB	-
☐	users	Procurar Estrutura Pesquisar Insere Limpa Elimina	0	InnoDB	utf8mb4_unicode_ci	32.0 KB	-
	6 tabelas	Soma	5	InnoDB	utf8mb4_general_ci	192.0 KB	0 Bytes

Aula 18 - Adicionar foreign key user_id a tabela de posts

php artisan make:migration add_user_id_to_posts_table

```
PS C:\xampp\htdocs\blog> php artisan make:migration add_user_id_to_posts_table
Created Migration: 2021_11_25_234851_add_user_id_to_posts_table
```

database\migrations\2021_11_25_234851_add_user_id_to_posts_table.php

```
<?php

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

class AddUserIdToPostsTable extends Migration
{
    public function up()
    {
        Schema::table('posts', function (Blueprint $table) {
            $table->unsignedBigInteger('user_id')->after("id");
            $table->foreign('user_id')->references('id')->on('users');
        });
    }

    public function down()
    {
        Schema::table('posts', function (Blueprint $table) {
            $table->dropForeign(['user_id']);
            $table->dropColumn("user_id");
        });
    }
}
```

php artisan migrate

```
PS C:\xampp\htdocs\blog> php artisan migrate
Migrating: 2021_11_25_234851_add_user_id_to_posts_table
Migrated:  2021_11_25_234851_add_user_id_to_posts_table (3,127.43ms)
```

#	Nome	Tipo	Agrupamento (Collation)	Atributos	Nulo	Predefinido	Comentários	Extra	Acções
1	id	bigint(20)		UNSIGNED	Não	*Nenhum*		AUTO_INCREMENT	Muda Elimina Mais
2	user_id	bigint(20)		UNSIGNED	Não	*Nenhum*			Muda Elimina Mais
3	title	varchar(100)	utf8mb4_unicode_ci		Não	*Nenhum*			Muda Elimina Mais
4	content	text	utf8mb4_unicode_ci		Não	*Nenhum*			Muda Elimina Mais
5	created_at	timestamp			Sim	*NULL*			Muda Elimina Mais
6	updated_at	timestamp			Sim	*NULL*			Muda Elimina Mais

php artisan migrate:rollback

```
PS C:\xampp\htdocs\blog> php artisan migrate:rollback
Rolling back: 2021_11_25_234851_add_user_id_to_posts_table
Rolled back:  2021_11_25_234851_add_user_id_to_posts_table (428.81ms)
```

#	Nome	Tipo	Agrupamento (Collation)	Atributos	Nulo	Predefinido	Comentários	Extra	Acções
1	id	bigint(20)		UNSIGNED	Não	*Nenhum*		AUTO_INCREMENT	Muda Elimina Mais
2	title	varchar(100)	utf8mb4_unicode_ci		Não	*Nenhum*			Muda Elimina Mais
3	content	text	utf8mb4_unicode_ci		Não	*Nenhum*			Muda Elimina Mais
4	created_at	timestamp			Sim	*NULL*			Muda Elimina Mais
5	updated_at	timestamp			Sim	*NULL*			Muda Elimina Mais

Outra forma de criar a migration

database\migrations\2021_11_25_234851_add_user_id_to_posts_table.php

```
<?php

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

class AddUserIdToPostsTable extends Migration
{
   public function up()
   {
      Schema::table('posts', function (Blueprint $table) {
         $table->foreignId('user_id')->constrained()->after("id");
      });
   }

   public function down()
   {
      Schema::table('posts', function (Blueprint $table) {
         $table->dropForeign(['user_id']);
         $table->dropColumn("user_id");
      });
   }
}
```

php artisan migrate

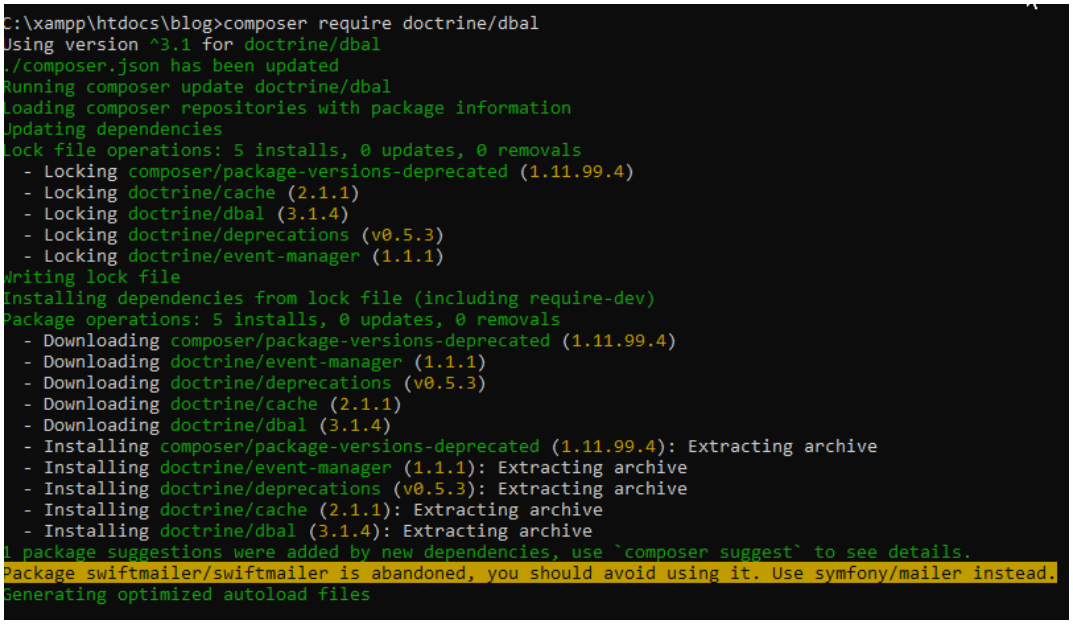
```
PS C:\xampp\htdocs\blog> php artisan migrate
Migrating: 2021_11_25_234851_add_user_id_to_posts_table
Migrated:  2021_11_25_234851_add_user_id_to_posts_table (2,347.10ms)
```

	#	Nome	Tipo	Agrupamento (Collation)	Atributos	Nulo	Predefinido	Comentários	Extra	Acções
☐	1	**id** 🔑	bigint(20)		UNSIGNED	Não	*Nenhum*		AUTO_INCREMENT	Muda Elimina Mais
☐	2	**user_id** 🔗	bigint(20)		UNSIGNED	Não	*Nenhum*			Muda Elimina Mais
☐	3	**title** 🔗	varchar(100)	utf8mb4_unicode_ci		Não	*Nenhum*			Muda Elimina Mais
☐	4	**content**	text	utf8mb4_unicode_ci		Não	*Nenhum*			Muda Elimina Mais
☐	5	**created_at**	timestamp			Sim	*NULL*			Muda Elimina Mais
☐	6	**updated_at**	timestamp			Sim	*NULL*			Muda Elimina Mais

Aula 19 - Modificar colunas utilizando migrations e DoctrineDBAL

Instalando doctrine/dbal

composer require doctrine/dbal



php artisan make:migration update_title_to_posts_table

database\migrations\2021_11_26_003127_update_title_to_posts_table.php

```php
<?php

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

class UpdateTitleToPostsTable extends Migration
{
    public function up()
    {
        Schema::table('posts', function (Blueprint $table) {
            $table->string('title', 180)->change();
        });
    }

    public function down()
    {
        Schema::table('posts', function (Blueprint $table) {
            $table->string('title', 100)->change();
        });
    }
}
```

php artisan migrate

```
PS C:\xampp\htdocs\blog> php artisan migrate
Migrating: 2021_11_26_003127_update_title_to_posts_table
Migrated:  2021_11_26_003127_update_title_to_posts_table (1,662.56ms)
```

#	Nome	Tipo	Agrupamento (Collation)	Atributos	Nulo	Predefinido	Comentários	Extra	Acções
1	id	bigint(20)		UNSIGNED	Não	*Nenhum*		AUTO_INCREMENT	Muda Elimina Mais
2	user_id	bigint(20)		UNSIGNED	Não	*Nenhum*			Muda Elimina Mais
3	title	varchar(180)	utf8mb4_unicode_ci		Não	*Nenhum*			Muda Elimina Mais
4	content	text	utf8mb4_unicode_ci		Não	*Nenhum*			Muda Elimina Mais
5	created_at	timestamp			Sim	*NULL*			Muda Elimina Mais
6	updated_at	timestamp			Sim	*NULL*			Muda Elimina Mais

Aula 20 - Introdução aos modelos em Laravel e criar modelo Post

Criando o modelo Post

php artisan make:model Post

```
PS C:\xampp\htdocs\blog> php artisan make:model Post
Model created successfully.
```

app\Models\Post.php

```
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;

class Post extends Model
{
    use HasFactory;
}
```

Aula 21 - Trabalhando com Factories e Seeds

database\factories\UserFactory.php

```
<?php

namespace Database\Factories;

use Illuminate\Database\Eloquent\Factories\Factory;
use Illuminate\Support\Str;

class UserFactory extends Factory
{
    public function definition()
    {
        return [
            'name' => $this->faker->name(),
            'email' => $this->faker->unique()->safeEmail(),
            'email_verified_at' => now(),
            'password' => '$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2.uheWG/igi', // password
            'remember_token' => Str::random(10),
        ];
    }

    public function unverified()
    {
        return $this->state(function (array $attributes) {
            return [
                'email_verified_at' => null,
            ];
        });
    }
}
```

database\seeders\DatabaseSeeder.php

```
<?php

namespace Database\Seeders;
use Illuminate\Database\Seeder;
use \App\Models\User;

class DatabaseSeeder extends Seeder
{
    public function run()
    {
        User::factory(10)->create();
    }
}
```

php artisan db:seed

```
PS C:\xampp\htdocs\blog> php artisan db:seed
Database seeding completed successfully.
```

	id	name	email	email_verified_at	password	remember_token	created_at	updated_at
Edita Copiar Apagar	1	Miss Jaclyn Legros	francis38@example.com	2021-11-26 10:27:30	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	B0gZqrSYoC	2021-11-26 10:27:30	2021-11-26 10:27:30
Edita Copiar Apagar	2	Letha Lakin	cartwright.cathryn@example.org	2021-11-26 10:27:30	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	rnksiyimXo	2021-11-26 10:27:30	2021-11-26 10:27:30
Edita Copiar Apagar	3	Tomasa Bernier	kaylie08@example.org	2021-11-26 10:27:30	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	BnObAw3K0j	2021-11-26 10:27:30	2021-11-26 10:27:30
Edita Copiar Apagar	4	Abby Wiza	bud85@example.com	2021-11-26 10:27:30	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	J0LcucBiTx	2021-11-26 10:27:30	2021-11-26 10:27:30
Edita Copiar Apagar	5	Hassie Dickinson	emmerich.jessyca@example.net	2021-11-26 10:27:30	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	eSb7o58D03	2021-11-26 10:27:30	2021-11-26 10:27:30
Edita Copiar Apagar	6	Maxwell Mayer	denesik.gussie@example.net	2021-11-26 10:27:30	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	UlgCMG5chb	2021-11-26 10:27:30	2021-11-26 10:27:30
Edita Copiar Apagar	7	Dr. Reggie Von	ariel84@example.org	2021-11-26 10:27:30	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	WcOUBmN4Ah	2021-11-26 10:27:30	2021-11-26 10:27:30
Edita Copiar Apagar	8	Dr. Bernardo Shanahan	ondricka.alan@example.com	2021-11-26 10:27:30	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	cVueM8KWDq	2021-11-26 10:27:30	2021-11-26 10:27:30
Edita Copiar Apagar	9	Esteban Schuster	collier.renee@example.net	2021-11-26 10:27:30	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	5YhQkoZpnK	2021-11-26 10:27:30	2021-11-26 10:27:30
Edita Copiar Apagar	10	Esteban Hirthe	idella21@example.com	2021-11-26 10:27:30	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	Yy0siC4EDQ	2021-11-26 10:27:30	2021-11-26 10:27:30

Criando um factory para posts

php artisan make:factory PostFactory

```
PS C:\xampp\htdocs\blog> php artisan make:factory PostFactory
Factory created successfully.
```

database\factories\PostFactory.php

```
<?php

namespace Database\Factories;

use Illuminate\Database\Eloquent\Factories\Factory;
use \App\Models\User;

class PostFactory extends Factory
{
   public function definition()
   {
      return [
         "user_id" => User::factory(),
         "title" => $this->faker->text(50),
         "content" => $this->faker->text(500),
         "created_at" => now()
      ];
   }
}
```

php artisan migrate:fresh

database\seeders\DatabaseSeeder.php

```
<?php

namespace Database\Seeders;

use Illuminate\Database\Seeder;
// use \App\Models\User;
use \App\Models\Post;

class DatabaseSeeder extends Seeder
{
   public function run()
   {
      // User::factory(10)->create();
      Post::factory(20)->create();
   }
}
```

php artisan db:seed

```
PS C:\xampp\htdocs\blog> php artisan db:seed
Database seeding completed successfully.
```

	id	title	content	created_at	updated_at	user_id
Edita Copiar Apagar	1	Sit ad est minima ullam fuga fugit.	Voluptatem dignissimos amet dignissimos consequatu...	2021-11-26 10:44:39	2021-11-26 10:44:40	1
Edita Copiar Apagar	2	Sit totam dicta eaque molestiae.	Ipsa sed aut distinctio ut. Nobis amet excepturi e...	2021-11-26 10:44:39	2021-11-26 10:44:40	2
Edita Copiar Apagar	3	Dolores rerum placeat aliquam voluptatum.	Et qui similique hic sequi. Sapiente aut est perfe...	2021-11-26 10:44:39	2021-11-26 10:44:40	3
Edita Copiar Apagar	4	Id inventore sint est fugit facilis.	Doloremque quia sed dolore eligendi sequi distinct...	2021-11-26 10:44:39	2021-11-26 10:44:40	4
Edita Copiar Apagar	5	Et sed quos magnam.	Molestiae provident et omnis molestias alias nemo ...	2021-11-26 10:44:39	2021-11-26 10:44:40	5
Edita Copiar Apagar	6	Veniam minima perferendis sint quod magni.	Est aut sit est quod quam tenetur porro. Doloremqu...	2021-11-26 10:44:39	2021-11-26 10:44:40	6
Edita Copiar Apagar	7	Nisi harum culpa nihil sequi voluptatem aut.	Totam vel animi natus consequuntur sequi. Perferen...	2021-11-26 10:44:39	2021-11-26 10:44:40	7
Edita Copiar Apagar	8	A autem adipisci recusandae corporis.	Repellat vitae sed dolore nobis sunt corporis quia...	2021-11-26 10:44:40	2021-11-26 10:44:40	8
Edita Copiar Apagar	9	Fugiat ipsam ea repellat earum eligendi.	Laborum autem esse beatae animi incidunt ut volupt...	2021-11-26 10:44:40	2021-11-26 10:44:40	9
Edita Copiar Apagar	10	Et id a voluptas in.	Minus amet atque harum quia assumenda eveniet volu...	2021-11-26 10:44:40	2021-11-26 10:44:40	10
Edita Copiar Apagar	11	Eveniet laboriosam alias necessitatibus odit.	Totam et autem distinctio dolores eligendi necessi...	2021-11-26 10:44:40	2021-11-26 10:44:40	11
Edita Copiar Apagar	12	Nisi voluptatem distinctio dolores debitis eum.	Placeat exercitationem dolores fuga vel neque qui....	2021-11-26 10:44:40	2021-11-26 10:44:40	12
Edita Copiar Apagar	13	Quod deleniti soluta qui.	Dolor rem nesciunt exercitationem qui iusto quas i...	2021-11-26 10:44:40	2021-11-26 10:44:40	13
Edita Copiar Apagar	14	Illo sint enim iure vel est voluptas.	Inventore fugiat alias doloremque eum. Laudantium ...	2021-11-26 10:44:40	2021-11-26 10:44:40	14
Edita Copiar Apagar	15	Quisquam occaecati quia dolor officia nobis.	Et possimus veritatis veniam nulla et eligendi ips...	2021-11-26 10:44:40	2021-11-26 10:44:41	15
Edita Copiar Apagar	16	Rerum ut veniam enim et veniam qui.	Quas ducimus magni exercitationem et praesentium. ...	2021-11-26 10:44:40	2021-11-26 10:44:41	16
Edita Copiar Apagar	17	Natus et dolores ipsam.	Beatae quae at aut autem consequatur. Sunt nihil d...	2021-11-26 10:44:40	2021-11-26 10:44:41	17
Edita Copiar Apagar	18	Voluptates qui delectus nam recusandae sunt.	Eum amet corporis cumque eos. A quos ut ut neque u...	2021-11-26 10:44:40	2021-11-26 10:44:41	18
Edita Copiar Apagar	19	Voluptatem est perferendis iure neque et.	Sit in et vitae cupiditate magnam. Tempora volupta...	2021-11-26 10:44:40	2021-11-26 10:44:41	19
Edita Copiar Apagar	20	Qui deleniti praesentium aut officia.	Dolor sint molestiae ullam delectus fugiat id quis...	2021-11-26 10:44:40	2021-11-26 10:44:41	20

	id	name	email	email_verified_at	password	remember_token	created_at	updated_at
Edita Copiar Apagar	1	Bettie Sawayn II	hankunding@example.org	2021-11-26 10:44:39	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	dIpGWS9RHX	2021-11-26 10:44:39	2021-11-26 10:44:39
Edita Copiar Apagar	2	Dr. Wellington McCullough II	fhirthe@example.org	2021-11-26 10:44:39	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	83Nbu0omji	2021-11-26 10:44:39	2021-11-26 10:44:39
Edita Copiar Apagar	3	Dr. Myah Runolfsson PhD	bdubuque@example.org	2021-11-26 10:44:39	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	R4zbTlrCXk	2021-11-26 10:44:39	2021-11-26 10:44:39
Edita Copiar Apagar	4	Gilberto Herman	lukas.bruen@example.com	2021-11-26 10:44:39	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	sUbDLPWxt3	2021-11-26 10:44:39	2021-11-26 10:44:39
Edita Copiar Apagar	5	Jaylan Pacocha	cparisian@example.com	2021-11-26 10:44:39	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	cFAHpEExsr	2021-11-26 10:44:39	2021-11-26 10:44:39
Edita Copiar Apagar	6	Loyce Altenwerth	emckenzie@example.org	2021-11-26 10:44:39	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	UnUbdA9Spp	2021-11-26 10:44:39	2021-11-26 10:44:39
Edita Copiar Apagar	7	Sterling VonRueden	demetrius.mraz@example.org	2021-11-26 10:44:39	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	mxHhxGK20g	2021-11-26 10:44:39	2021-11-26 10:44:39
Edita Copiar Apagar	8	Jennifer Ledner	reichert.roy@example.com	2021-11-26 10:44:40	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	hXFZshxWkv	2021-11-26 10:44:40	2021-11-26 10:44:40
Edita Copiar Apagar	9	Prof. Harrison Lang DVM	roman48@example.com	2021-11-26 10:44:40	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	t8LOLB9sDS	2021-11-26 10:44:40	2021-11-26 10:44:40
Edita Copiar Apagar	10	Broderick Harris	isaac34@example.net	2021-11-26 10:44:40	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	AfM4pE7uMx	2021-11-26 10:44:40	2021-11-26 10:44:40
Edita Copiar Apagar	11	Eula Donnelly	bahringer.anabelle@example.net	2021-11-26 10:44:40	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	ZnQaE4rlux	2021-11-26 10:44:40	2021-11-26 10:44:40
Edita Copiar Apagar	12	Gilberto Quitzon	ettie.yost@example.net	2021-11-26 10:44:40	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	Kv80gnnYC9	2021-11-26 10:44:40	2021-11-26 10:44:40
Edita Copiar Apagar	13	Maximilian Ruecker	ischultz@example.net	2021-11-26 10:44:40	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	HAjfBNiFKS	2021-11-26 10:44:40	2021-11-26 10:44:40
Edita Copiar Apagar	14	Jorge Schowalter DDS	kozey.norene@example.com	2021-11-26 10:44:40	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	IdN8wMpzwH	2021-11-26 10:44:40	2021-11-26 10:44:40
Edita Copiar Apagar	15	Bryce Mills	ledner.eden@example.net	2021-11-26 10:44:40	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	80N8dqIVvQ	2021-11-26 10:44:40	2021-11-26 10:44:40
Edita Copiar Apagar	16	Molly Harvey	dortha.prohaska@example.org	2021-11-26 10:44:40	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	rK197bXg5C	2021-11-26 10:44:40	2021-11-26 10:44:40
Edita Copiar Apagar	17	Dolores Dach DDS	mia.legros@example.net	2021-11-26 10:44:40	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	itcZSzJx5G	2021-11-26 10:44:40	2021-11-26 10:44:40
Edita Copiar Apagar	18	Alexandre Gulgowski	gladys.ohara@example.org	2021-11-26 10:44:40	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	rmSpzoNjvF	2021-11-26 10:44:40	2021-11-26 10:44:40
Edita Copiar Apagar	19	Nola Rau	zemlak.alene@example.net	2021-11-26 10:44:40	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	64I9O74LiD	2021-11-26 10:44:40	2021-11-26 10:44:40
Edita Copiar Apagar	20	Emilia Zboncak	witting.sandrine@example.com	2021-11-26 10:44:40	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	JxPhtf4r1n	2021-11-26 10:44:40	2021-11-26 10:44:40

php artisan make:seeder PostSeeder

```
PS C:\xampp\htdocs\blog> php artisan make:seeder PostSeeder
Seeder created successfully.
```

database\seeders\PostSeeder.php

```
<?php

namespace Database\Seeders;

use \App\Models\Post;
use Illuminate\Database\Seeder;

class PostSeeder extends Seeder
{
   public function run()
   {
      Post::factory(20)->create();
   }
}
```

database\seeders\DatabaseSeeder.php

```
<?php

namespace Database\Seeders;

use Illuminate\Database\Seeder;
use \App\Models\Post;

class DatabaseSeeder extends Seeder
{
   public function run()
   {
     $this->call([
        PostSeeder::class,
      ]);
   }
}
```

php artisan migrate:fresh

php artisan db:seed

```
PS C:\xampp\htdocs\blog> php artisan db:seed
Seeding: Database\Seeders\PostSeeder
Seeded:  Database\Seeders\PostSeeder (2,465.44ms)
Database seeding completed successfully.
```

	id	title	content	created_at	updated_at	user_id
Edita Copiar Apagar	1	Sequi error omnis consequatur aut et.	Cupiditate molestiae maxime qui molestiae quia. Qu...	2021-11-26 11:03:23	2021-11-26 11:03:24	1
Edita Copiar Apagar	2	Facilis porro natus quia expedita.	Voluptatem facilis et ipsum at ex maxime est dolor...	2021-11-26 11:03:23	2021-11-26 11:03:24	2
Edita Copiar Apagar	3	Eum perspiciatis et culpa saepe dolorem.	Molestiae voluptas reprehenderit dolor aut culpa. ...	2021-11-26 11:03:23	2021-11-26 11:03:24	3
Edita Copiar Apagar	4	Quam et nesciunt quae et dolorem consectetur.	Ipsum qui cumque eaque ipsa in nemo totam. Illo ne...	2021-11-26 11:03:23	2021-11-26 11:03:24	4
Edita Copiar Apagar	5	Et dolorum deserunt non ut culpa iusto.	Consequatur blanditiis voluptatum reiciendis sed. ...	2021-11-26 11:03:23	2021-11-26 11:03:24	5
Edita Copiar Apagar	6	Nisi cumque sed laudantium natus eum et.	Ea quia perferendis ad veritatis laudantium sapien...	2021-11-26 11:03:23	2021-11-26 11:03:24	6
Edita Copiar Apagar	7	Est quisquam ea iste non corrupti.	Commodi sunt quibusdam vel est. Magni eaque deleni...	2021-11-26 11:03:23	2021-11-26 11:03:24	7
Edita Copiar Apagar	8	Enim reiciendis voluptas nihil eveniet officia.	Sapiente quia qui ea qui laborum numquam eaque. Vo...	2021-11-26 11:03:23	2021-11-26 11:03:24	8
Edita Copiar Apagar	9	Id vel officia laborum harum.	Voluptatem totam in et est. Cumque repellendus eos...	2021-11-26 11:03:23	2021-11-26 11:03:24	9
Edita Copiar Apagar	10	Natus quos odit quia molestiae.	Fuga itaque odit aut non sed non. In accusantium i...	2021-11-26 11:03:23	2021-11-26 11:03:24	10
Edita Copiar Apagar	11	Excepturi qui quod nihil autem sit.	Est quo nam dicta perferendis rerum. Tenetur fuga ...	2021-11-26 11:03:23	2021-11-26 11:03:24	11
Edita Copiar Apagar	12	Quis omnis sed ab in ipsum.	Exercitationem qui dolorum ex et libero quia qui. ...	2021-11-26 11:03:23	2021-11-26 11:03:24	12
Edita Copiar Apagar	13	Mollitia quo maxime officia ut.	Assumenda fuga itaque saepe odio aut voluptas nece...	2021-11-26 11:03:23	2021-11-26 11:03:24	13
Edita Copiar Apagar	14	Vitae libero et praesentium laboriosam ut vel et.	Quia quis non minima iusto et. Explicabo cupiditat...	2021-11-26 11:03:23	2021-11-26 11:03:24	14
Edita Copiar Apagar	15	Voluptas nemo sed quis enim error repudiandae.	Eveniet fugit sint veritatis quia vitae fuga. Dele...	2021-11-26 11:03:23	2021-11-26 11:03:24	15
Edita Copiar Apagar	16	Sint velit dolores rerum rem voluptatem tempora.	Consectetur ea nam nihil esse quibusdam. Iusto dol...	2021-11-26 11:03:23	2021-11-26 11:03:24	16
Edita Copiar Apagar	17	Sapiente officia recusandae ipsam sed.	Doloremque sint modi soluta magnam. Aspernatur del...	2021-11-26 11:03:23	2021-11-26 11:03:24	17
Edita Copiar Apagar	18	Sed dolorem sed pariatur cum reiciendis id quas.	Et error dolores hic ut ut eveniet quisquam. Ducim...	2021-11-26 11:03:24	2021-11-26 11:03:24	18
Edita Copiar Apagar	19	Eius incidunt ullam non nihil.	Consectetur id quia sit beatae. Voluptatum fugiat ...	2021-11-26 11:03:24	2021-11-26 11:03:24	19
Edita Copiar Apagar	20	Veniam ut perferendis vel amet consequuntur et.	Vel sint omnis voluptas et. Illum omnis at cum ut ...	2021-11-26 11:03:24	2021-11-26 11:03:24	20

	id	name	email	email_verified_at	password	remember_token	created_at	updated_at
Edita Copiar Apagar	1	Dr. Richie Stehr III	effertz.cole@example.org	2021-11-26 11:03:23	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	UCVn3Uw7Sr	2021-11-26 11:03:23	2021-11-26 11:03:23
Edita Copiar Apagar	2	Belle Fadel	marc14@example.org	2021-11-26 11:03:23	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	ImW8aXmkcP	2021-11-26 11:03:23	2021-11-26 11:03:23
Edita Copiar Apagar	3	Alivia Sauer	gorczany.brendon@example.org	2021-11-26 11:03:23	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	Gz0v4rHXTx	2021-11-26 11:03:23	2021-11-26 11:03:23
Edita Copiar Apagar	4	Caroline Flatley	jones.lenore@example.net	2021-11-26 11:03:23	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	Z6qrQRbenO	2021-11-26 11:03:23	2021-11-26 11:03:23
Edita Copiar Apagar	5	Kamryn Bashirian	lue.raynor@example.org	2021-11-26 11:03:23	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	qS4ggkq6ut	2021-11-26 11:03:23	2021-11-26 11:03:23
Edita Copiar Apagar	6	Lenore Schmeler	qmuller@example.org	2021-11-26 11:03:23	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	6yRShMYrZ9	2021-11-26 11:03:23	2021-11-26 11:03:23
Edita Copiar Apagar	7	Elwin Jast	lesly.fadel@example.com	2021-11-26 11:03:23	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	LEslp6D8gD	2021-11-26 11:03:23	2021-11-26 11:03:23
Edita Copiar Apagar	8	Prof. Reagan Tremblay	cheyanne.kemmer@example.net	2021-11-26 11:03:23	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	wuocx1D1Pt	2021-11-26 11:03:23	2021-11-26 11:03:23
Edita Copiar Apagar	9	Hiram Heaney	lframi@example.com	2021-11-26 11:03:23	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	4VTwCjDeBV	2021-11-26 11:03:23	2021-11-26 11:03:23
Edita Copiar Apagar	10	Emory Russel MD	ischimmel@example.org	2021-11-26 11:03:23	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	bBWZq6CqZP	2021-11-26 11:03:23	2021-11-26 11:03:23
Edita Copiar Apagar	11	Gussie Roberts	matt20@example.org	2021-11-26 11:03:23	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	38qzYHbVLo	2021-11-26 11:03:23	2021-11-26 11:03:23
Edita Copiar Apagar	12	Vickie Pouros	trey59@example.net	2021-11-26 11:03:23	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	piaTT5t3TV	2021-11-26 11:03:23	2021-11-26 11:03:23
Edita Copiar Apagar	13	Prof. Luis Langosh I	wmurray@example.com	2021-11-26 11:03:23	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	nbVVZMIdlY	2021-11-26 11:03:23	2021-11-26 11:03:23
Edita Copiar Apagar	14	Audra Bailey	myrl.kuphal@example.org	2021-11-26 11:03:23	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	zE6mtbTpfY	2021-11-26 11:03:23	2021-11-26 11:03:23
Edita Copiar Apagar	15	Abby Hansen	hherzog@example.com	2021-11-26 11:03:23	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	oGgBEJCuWA	2021-11-26 11:03:23	2021-11-26 11:03:23
Edita Copiar Apagar	16	Theron Strosin	harber.marcelle@example.org	2021-11-26 11:03:23	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	t1a8kwYBEu	2021-11-26 11:03:23	2021-11-26 11:03:23
Edita Copiar Apagar	17	Giovani Daniel	corbin.goldner@example.com	2021-11-26 11:03:23	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	JIm9qsueND	2021-11-26 11:03:23	2021-11-26 11:03:23
Edita Copiar Apagar	18	Miss Elise Parker Sr.	webster.turner@example.net	2021-11-26 11:03:24	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	ST6w2IVpTs	2021-11-26 11:03:24	2021-11-26 11:03:24
Edita Copiar Apagar	19	Dr. Blake Medhurst MD	velda.haag@example.com	2021-11-26 11:03:24	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	gJqRv3grQz	2021-11-26 11:03:24	2021-11-26 11:03:24
Edita Copiar Apagar	20	Dr. Ralph Weimann	estefania.mueller@example.com	2021-11-26 11:03:24	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	9A6riFW6Ke	2021-11-26 11:03:24	2021-11-26 11:03:24

Aula 22 - Eloquent, relações e novo modelo Phone

php artisan migrate:fresh --seed

```
Migrating: 2021_11_25_234851_add_user_id_to_posts_table
Migrated:  2021_11_25_234851_add_user_id_to_posts_table (6,077.05ms)
Migrating: 2021_11_26_003127_update_title_to_posts_table
Migrated:  2021_11_26_003127_update_title_to_posts_table (9,576.58ms)
Seeding: Database\Seeders\PostSeeder
Seeded:  Database\Seeders\PostSeeder (5,676.25ms)
Database seeding completed successfully.
```

app\Models\User.php

```php
<?php

namespace App\Models;

use Illuminate\Contracts\Auth\MustVerifyEmail;
use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Foundation\Auth\User as Authenticatable;
use Illuminate\Notifications\Notifiable;
use Laravel\Sanctum\HasApiTokens;

class User extends Authenticatable
{
    use HasApiTokens, HasFactory, Notifiable;

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

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

    protected $casts = [
        'email_verified_at' => 'datetime',
    ];

    public function posts(): HasMany {
        return $this->hasMany(Post::class);
    }
}
```

app\Models\Post.php

```
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;
use Illuminate\Database\Eloquent\Relations\BelongsTo;

class Post extends Model
{
    use HasFactory;

    protected $fillable = [
        "user_id",
        "title",
        "content",
    ];

    public function user(): BelongsTo {
        return $this->belongsTo(User::class);
    }

}
```

Criando o model Phone e sua migration

php artisan make:model Phone -m

```
PS C:\xampp\htdocs\blog> php artisan make:model Phone -m
Model created successfully.
Created Migration: 2021_11_26_123622_create_phones_table
```

database\migrations\2021_11_26_123622_create_phones_table.php

```
<?php

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

class CreatePhonesTable extends Migration
{
    public function up()
    {
        Schema::create('phones', function (Blueprint $table) {
            $table->id();
            $table->foreignId("user_id")->constrained()->onDelete("cascade");
            $table->string("phone_number", 15)->unique();
            $table->timestamps();
        });
    }

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

php artisan migrate

```
PS C:\xampp\htdocs\blog> php artisan migrate
Migrating: 2021_11_26_123622_create_phones_table
Migrated:  2021_11_26_123622_create_phones_table (1,634.84ms)
```

#	Nome	Tipo	Agrupamento (Collation)	Atributos	Nulo	Predefinido	Comentários	Extra	Acções
1	id	bigint(20)		UNSIGNED	Não	*Nenhum*		AUTO_INCREMENT	Muda Elimina Mais
2	user_id	bigint(20)		UNSIGNED	Não	*Nenhum*			Muda Elimina Mais
3	phone_number	varchar(15)	utf8mb4_unicode_ci		Não	*Nenhum*			Muda Elimina Mais
4	created_at	timestamp			Sim	*NULL*			Muda Elimina Mais
5	updated_at	timestamp			Sim	*NULL*			Muda Elimina Mais

app\Models\Phone.php

```
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;

class Phone extends Model
{
    use HasFactory;

    protected $fillable = [
        "user_id", "phone_number"
    ];

    public function user(): BelongsTo {
        return $this->belongsTo(User::class);
    }
}
```

app\Models\User.php

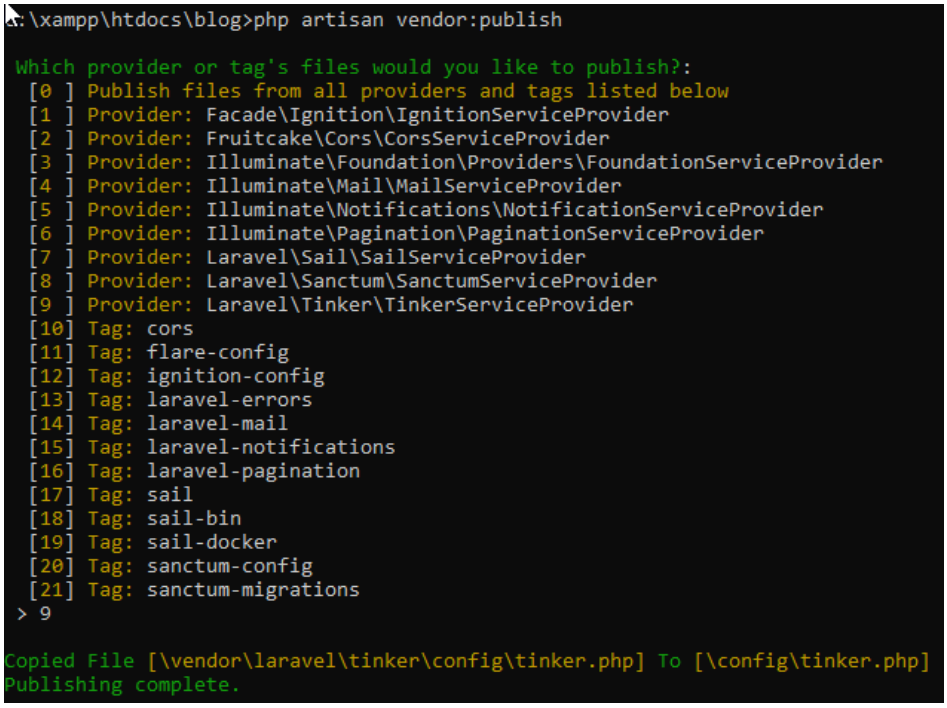
```
<?php

namespace App\Models;

use Illuminate\Contracts\Auth\MustVerifyEmail;
use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Relations\HasMany;
use Illuminate\Foundation\Auth\User as Authenticatable;
use Illuminate\Notifications\Notifiable;
use Laravel\Sanctum\HasApiTokens;

class User extends Authenticatable
{
    use HasApiTokens, HasFactory, Notifiable;

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

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

    protected $casts = [
        'email_verified_at' => 'datetime',
    ];
```

```
    public function phone(): HasOne {
        return $this->hasOne(Phone::class);
    }

    public function posts(): HasMany{
        return $this->hasMany(Post::class);
    }
}
```

Aula 23 - Tinker, REPL para Laravel

php artisan vendor:publish

- Selecione a opção 9: Tinker



php artisan tinker

use App\Models\User
User::all()

```
C:\xampp\htdocs\blog>php artisan tinker
Psy Shell v0.10.11 (PHP 7.4.25 — cli) by Justin Hileman
>>> use App\Models\User
>>> User::all()
=> Illuminate\Database\Eloquent\Collection {#4473
     all: [
       App\Models\User {#4474
         id: 1,
         name: "Miss Janessa Turcotte",
         email: "yhintz@example.net",
         email_verified_at: "2021-11-26 12:16:15",
         #password: "$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2.uheWG/igi",
         #remember_token: "ONUag0D9Wp",
         created_at: "2021-11-26 12:16:15",
         updated_at: "2021-11-26 12:16:15",
       },
       App\Models\User {#4475
         id: 2,
         name: "Lilliana Veum",
         email: "reanna.wisoky@example.net",
         email_verified_at: "2021-11-26 12:16:15",
         #password: "$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2.uheWG/igi",
         #remember_token: "rZ0VhZCH8W",
         created_at: "2021-11-26 12:16:15",
         updated_at: "2021-11-26 12:16:15",
       },
       App\Models\User {#4476
         id: 3,
         name: "Mrs. Retta Considine Jr.",
         email: "fkonopelski@example.com",
         email_verified_at: "2021-11-26 12:16:15",
         #password: "$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2.uheWG/igi",
         #remember_token: "kQJlKm4NDt",
         created_at: "2021-11-26 12:16:15",
         updated_at: "2021-11-26 12:16:15",
       },
```

.
.
.

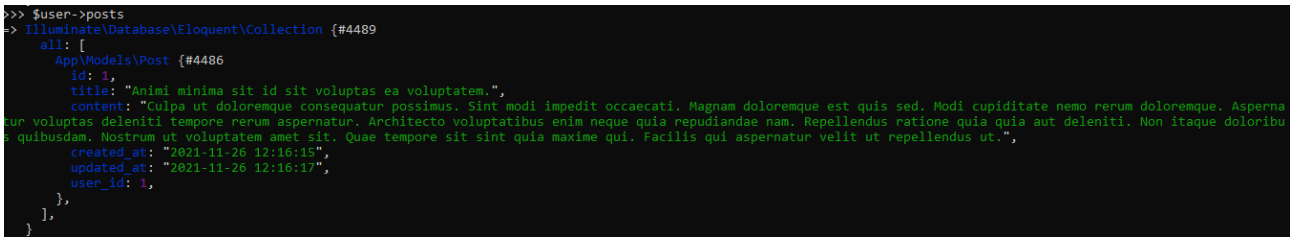
$user = User::first()

```
>> $user = User::first()
=> App\Models\User {#4251
     id: 1,
     name: "Miss Janessa Turcotte",
     email: "yhintz@example.net",
     email_verified_at: "2021-11-26 12:16:15",
     #password: "$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2.uheWG/igi",
     #remember_token: "ONUag0D9Wp",
     created_at: "2021-11-26 12:16:15",
     updated_at: "2021-11-26 12:16:15",
   }
```

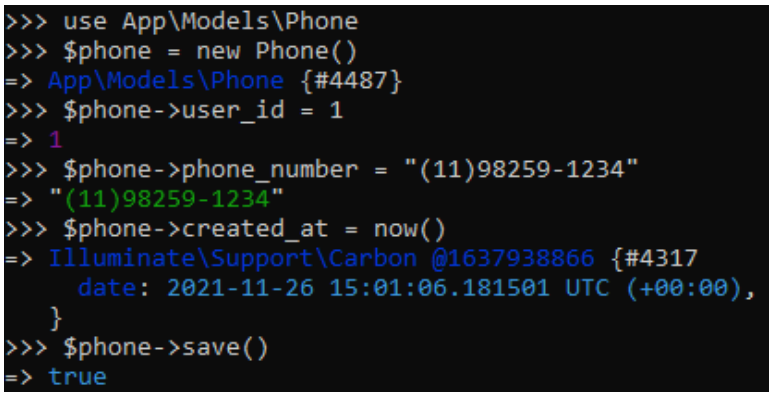
$user

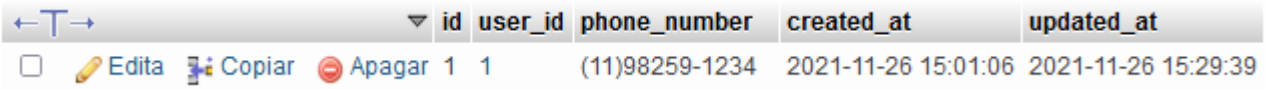
```
>>> $user
=> App\Models\User {#4251
     id: 1,
     name: "Miss Janessa Turcotte",
     email: "yhintz@example.net",
     email_verified_at: "2021-11-26 12:16:15",
     #password: "$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2.uheWG/igi",
     #remember_token: "ONUag0D9Wp",
     created_at: "2021-11-26 12:16:15",
     updated_at: "2021-11-26 12:16:15",
   }
```

$user->posts

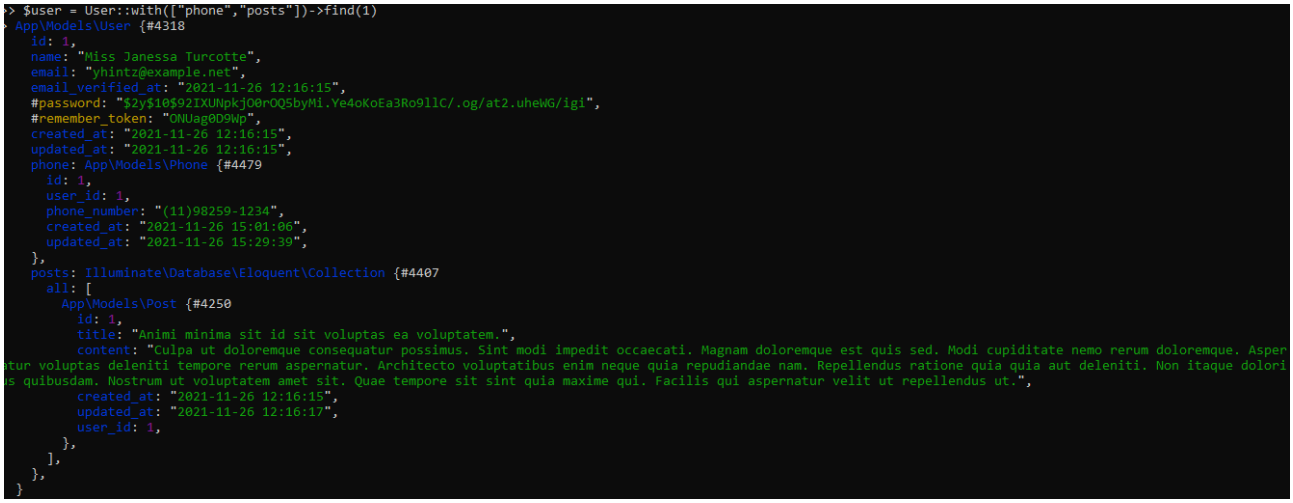


use App\Models\Phone
$phone = new Phone()
$phone->user_id = 1
$phone->phone_number = "(11)98259-1234"
$phone->created_at = now()
$phone->save()





$user = User::with(["phone","posts"])->find(1)



$phone = $user->phone

```
>>> $phone = $user->phone
=> App\Models\Phone {#4479
     id: 1,
     user_id: 1,
     phone_number: "(11)98259-1234",
     created_at: "2021-11-26 15:01:06",
     updated_at: "2021-11-26 15:29:39",
   }
```

$phone->phone_number

```
>>> $phone->phone_number
=> "(11)98259-1234"
```

$phone = Phone::find(1)

```
>>> $phone = Phone::find(1)
=> App\Models\Phone {#4251
     id: 1,
     user_id: 1,
     phone_number: "(11)98259-1234",
     created_at: "2021-11-26 15:01:06",
     updated_at: "2021-11-26 15:29:39",
   }
```

$phone->phone_number = "(11)99921-5638"
$phone->save()

```
>>> $phone->phone_number = "(11)99921-5638"
=> "(11)99921-5638"
>>> $phone->save()
=> true
```

	id	user_id	phone_number	created_at	updated_at
Edita Copiar Apagar	1	1	(11)99921-5638	2021-11-26 15:01:06	2021-11-26 15:48:40

$phone->fill(["phone_number" => "(21)98835-0127"])->update()

```
>>> $phone->fill(["phone_number" => "(21)98835-0127"])->update()
=> true
```

	id	user_id	phone_number	created_at	updated_at
Edita Copiar Apagar	1	1	(21)98835-0127	2021-11-26 15:01:06	2021-11-26 15:54:29

Eliminando um usuário

- Para eliminar um usuário, é necessário, antes de tudo, eliminar seus posts:

$user->posts()->delete()

```
>>> $user->posts()->delete()
=> 1
```

$user->delete()

```
>>> $user->delete()
=> true
```

	id	name	email	email_verified_at	password	remember_token	created_at	updated_at
Edita Copiar Apagar	2	Lilliana Veum	reanna.wisoky@example.net	2021-11-26 12:16:15	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	rZ0VhZCH8W	2021-11-26 12:16:15	2021-11-26 12:16:15
Edita Copiar Apagar	3	Mrs. Retta Considine Jr.	fkonopelski@example.com	2021-11-26 12:16:15	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	kQJIKm4NDt	2021-11-26 12:16:15	2021-11-26 12:16:15
Edita Copiar Apagar	4	Quentin Heller	collin72@example.org	2021-11-26 12:16:16	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	DY24ZSvTqG	2021-11-26 12:16:16	2021-11-26 12:16:16
Edita Copiar Apagar	5	Armani Hermiston	boyle.arnoldo@example.net	2021-11-26 12:16:16	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	KQh69Mk45Y	2021-11-26 12:16:16	2021-11-26 12:16:16
Edita Copiar Apagar	6	Ruben Gorczany	moore.sonia@example.org	2021-11-26 12:16:16	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	Dy6SrVF85Y	2021-11-26 12:16:16	2021-11-26 12:16:16
Edita Copiar Apagar	7	Reinhold Heidenreich	jayda67@example.org	2021-11-26 12:16:16	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	bvHJYSnNg0	2021-11-26 12:16:16	2021-11-26 12:16:16
Edita Copiar Apagar	8	Samantha Legros	bruen.lucienne@example.org	2021-11-26 12:16:16	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	6GHIjwAEPY	2021-11-26 12:16:16	2021-11-26 12:16:16
Edita Copiar Apagar	9	Eula Hauck	gdickinson@example.com	2021-11-26 12:16:16	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	UJYvrzTNfp	2021-11-26 12:16:16	2021-11-26 12:16:16
Edita Copiar Apagar	10	Travis Keebler	mackenzie.frami@example.com	2021-11-26 12:16:16	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	pULqLo4rBl	2021-11-26 12:16:16	2021-11-26 12:16:16
Edita Copiar Apagar	11	Mr. Donny Gutmann DDS	azulauf@example.org	2021-11-26 12:16:16	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	3UJUghfZIC	2021-11-26 12:16:16	2021-11-26 12:16:16
Edita Copiar Apagar	12	Gage Volkman IV	deanna29@example.com	2021-11-26 12:16:17	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	cYA96eohkg	2021-11-26 12:16:17	2021-11-26 12:16:17
Edita Copiar Apagar	13	Mr. Cecil Schuppe	philpert@example.org	2021-11-26 12:16:17	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	ugjfEX87Ik	2021-11-26 12:16:17	2021-11-26 12:16:17
Edita Copiar Apagar	14	Sarina Schuster	maureen27@example.com	2021-11-26 12:16:17	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	KRovH2x6g0	2021-11-26 12:16:17	2021-11-26 12:16:17
Edita Copiar Apagar	15	Clint Grimes Sr.	macie96@example.com	2021-11-26 12:16:17	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	SasO73vBDY	2021-11-26 12:16:17	2021-11-26 12:16:17
Edita Copiar Apagar	16	Brook Little	eunice.lindgren@example.org	2021-11-26 12:16:17	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	XFg11h9BSB	2021-11-26 12:16:17	2021-11-26 12:16:17
Edita Copiar Apagar	17	Violet Considine	aaliyah.bruen@example.com	2021-11-26 12:16:17	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	btMykVKm7k	2021-11-26 12:16:17	2021-11-26 12:16:17
Edita Copiar Apagar	18	Lindsay Hodkiewicz PhD	shakira.borer@example.com	2021-11-26 12:16:17	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	4N4Vh9QDzH	2021-11-26 12:16:17	2021-11-26 12:16:17
Edita Copiar Apagar	19	Chet Hills	ojacobson@example.org	2021-11-26 12:16:17	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	uV1i4V1mr7	2021-11-26 12:16:17	2021-11-26 12:16:17
Edita Copiar Apagar	20	Mr. Ottis Fadel	larson.walter@example.org	2021-11-26 12:16:17	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	Jnne1sACDM	2021-11-26 12:16:17	2021-11-26 12:16:17

O telefone do usuário é eliminado em cascata:

```
SELECT * FROM `phones`
```

Perfil [Editar em linha] [Edita] [Explicar SQL] [Criar código PHP] [Actualizar]

id	user_id	phone_number	created_at	updated_at

Aula 24 - Adicionar um sistema de autenticação completo ao projeto

composer require laravel/breeze --dev

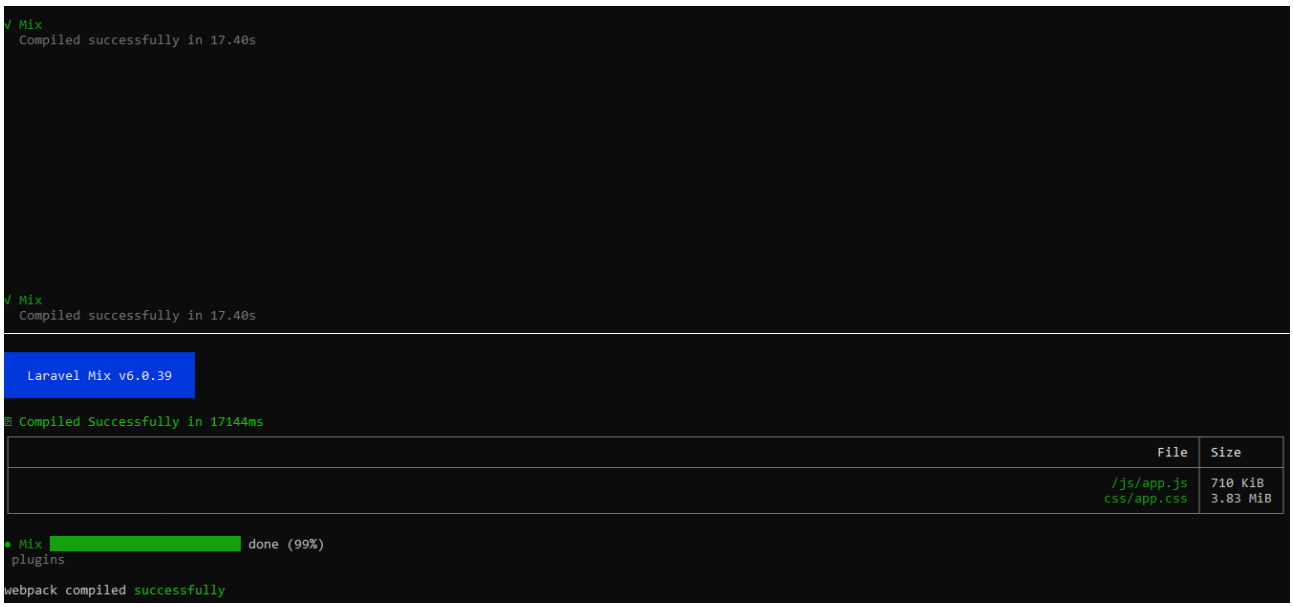
```
C:\xampp\htdocs\blog>composer require laravel/breeze --dev
Using version ^1.4 for laravel/breeze
./composer.json has been updated
Running composer update laravel/breeze
Loading composer repositories with package information
Updating dependencies
Lock file operations: 1 install, 0 updates, 0 removals
  - Locking laravel/breeze (v1.4.3)
Writing lock file
Installing dependencies from lock file (including require-dev)
Package operations: 1 install, 0 updates, 0 removals
  - Downloading laravel/breeze (v1.4.3)
  - Installing laravel/breeze (v1.4.3): Extracting archive
Package swiftmailer/swiftmailer is abandoned, you should avoid using it. Use symfony/mailer instead.
Generating optimized autoload files
composer/package-versions-deprecated: Generating version class...
composer/package-versions-deprecated: ...done generating version class
> Illuminate\Foundation\ComposerScripts::postAutoloadDump
> @php artisan package:discover --ansi
Discovered Package: facade/ignition
Discovered Package: fruitcake/laravel-cors
Discovered Package: laravel/breeze
Discovered Package: laravel/sail
Discovered Package: laravel/sanctum
Discovered Package: laravel/tinker
Discovered Package: nesbot/carbon
Discovered Package: nunomaduro/collision
Package manifest generated successfully.
82 packages you are using are looking for funding.
Use the `composer fund` command to find out more!
> @php artisan vendor:publish --tag=laravel-assets --ansi
No publishable resources for tag [laravel-assets].
Publishing complete.
```

php artisan breeze:install

```
C:\xampp\htdocs\blog>php artisan breeze:install
Breeze scaffolding installed successfully.
Please execute the "npm install && npm run dev" command to build your assets.
```

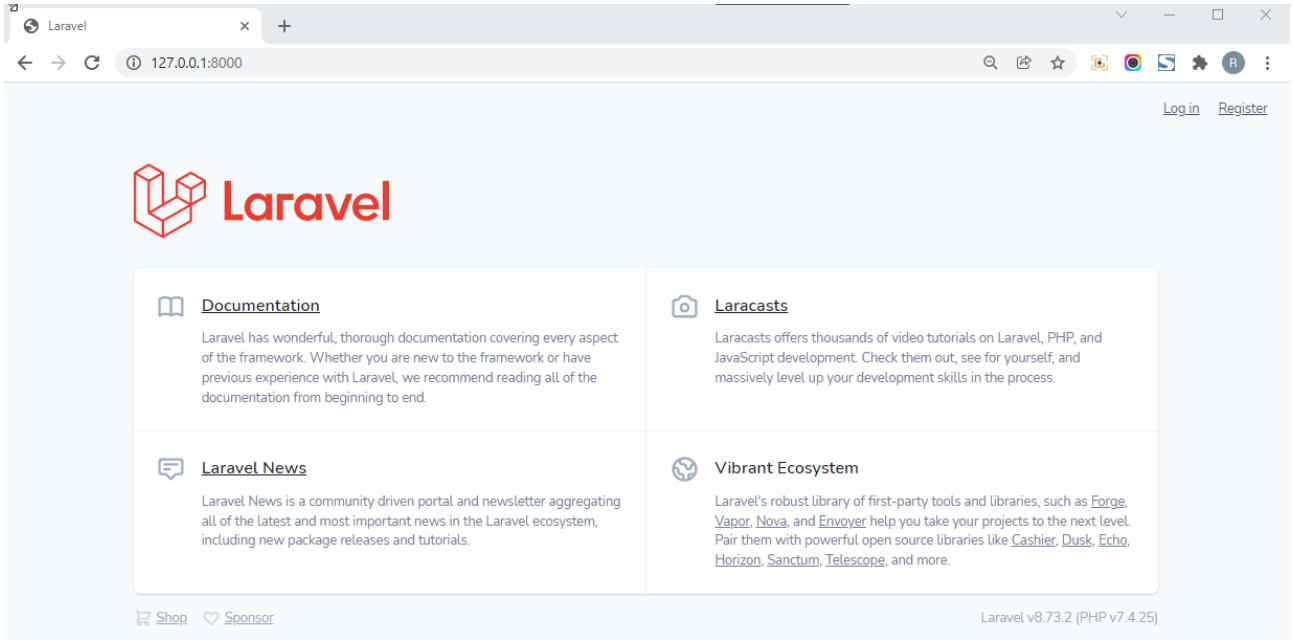
npm install && npm run dev

```
C:\xampp\htdocs\blog>npm install && npm run dev
npm WARN deprecated querystring@0.2.0: The querystring API is considered Legacy. new code should use the URLSearchParams API instead.
npm WARN deprecated uuid@3.4.0: Please upgrade  to version 7 or higher.  Older versions may use Math.random() in certain circumstances, which is known to be problematic
.  See https://v8.dev/blog/math-random for details.
npm notice created a lockfile as package-lock.json. You should commit this file.
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@~2.3.2 (node_modules\chokidar\node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@2.3.2: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})

added 810 packages from 459 contributors and audited 813 packages in 352.443s

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

found 0 vulnerabilities


> @ dev C:\xampp\htdocs\blog
> npm run development


> @ development C:\xampp\htdocs\blog
> mix


• Mix [redacted] emitting (98%)
 after emit



• Mix [redacted] done (99%) plugins
 WebpackBar:done
```



php artisan serve

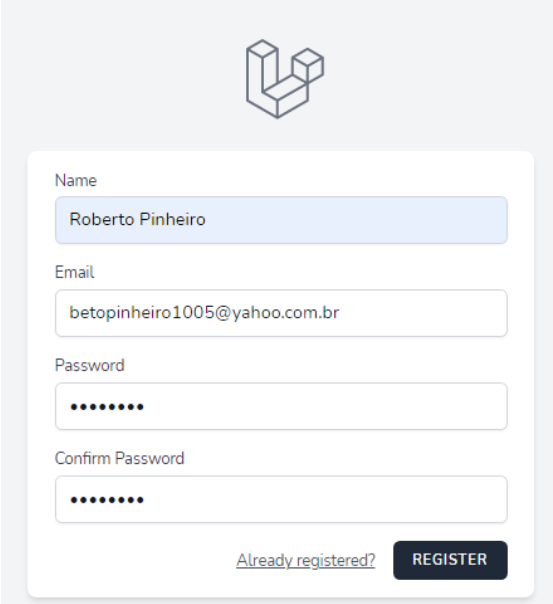
http://127.0.0.1:8000/

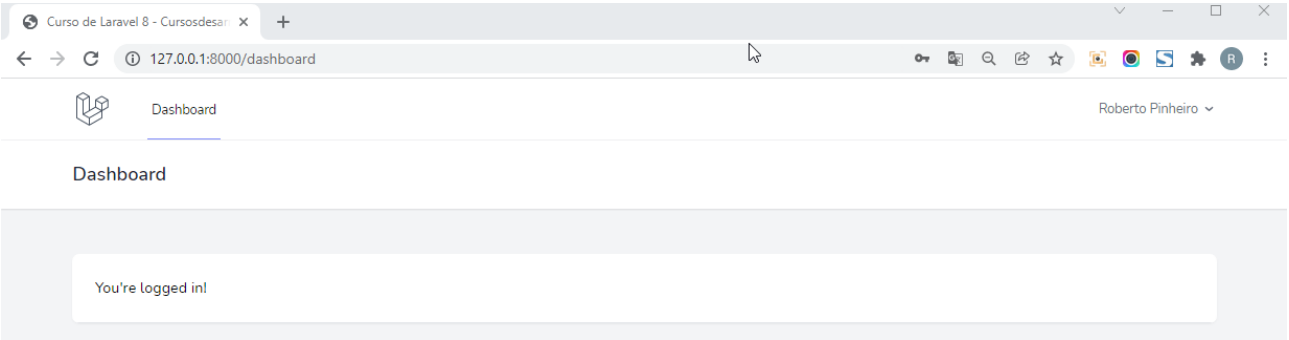


Registrando um usuário

http://127.0.0.1:8000/register

Password: 12345678



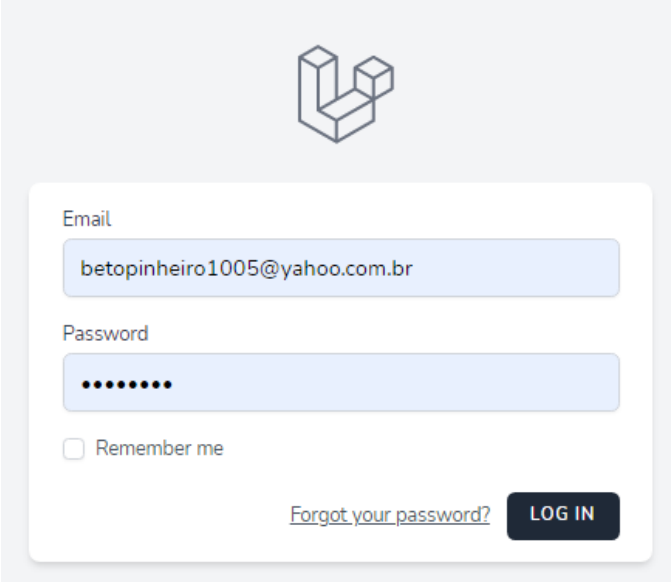


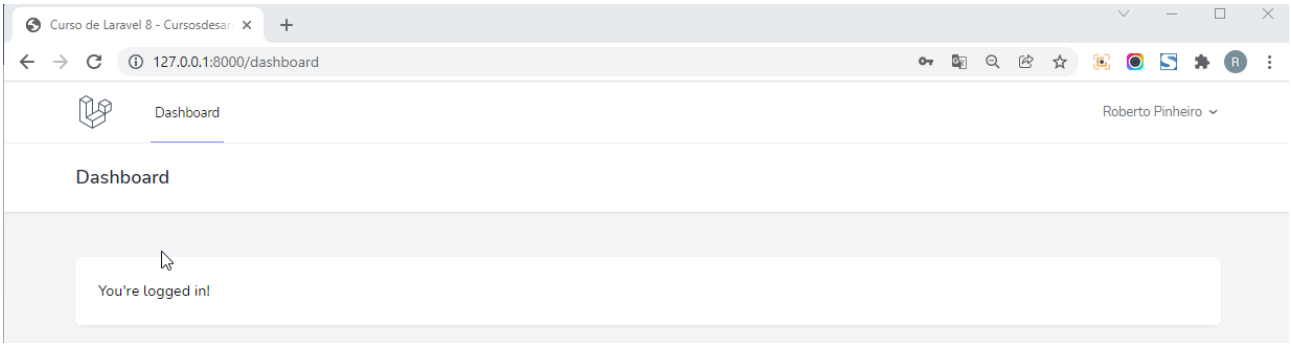
+ Opções

	id	name	email	email_verified_at	password	remember_token	created_at	updated_at
Edita Copiar Apagar	2	Lilliana Veum	reanna.wisoky@example.net	2021-11-26 12:16:15	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	rZ0VhZCH8W	2021-11-26 12:16:15	2021-11-26 12:16:15
Edita Copiar Apagar	3	Mrs. Retta Considine Jr.	fkonopelski@example.com	2021-11-26 12:16:15	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	kQJIKm4NDt	2021-11-26 12:16:15	2021-11-26 12:16:15
Edita Copiar Apagar	4	Quentin Heller	collin72@example.org	2021-11-26 12:16:16	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	DY24ZSvTqG	2021-11-26 12:16:16	2021-11-26 12:16:16
Edita Copiar Apagar	5	Armani Hermiston	boyle.arnoldo@example.net	2021-11-26 12:16:16	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	KQh69Mk45Y	2021-11-26 12:16:16	2021-11-26 12:16:16
Edita Copiar Apagar	6	Ruben Gorczany	moore.sonia@example.org	2021-11-26 12:16:16	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	Dy6SrVF85Y	2021-11-26 12:16:16	2021-11-26 12:16:16
Edita Copiar Apagar	7	Reinhold Heidenreich	jayda67@example.org	2021-11-26 12:16:16	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	bvHJYSnNg0	2021-11-26 12:16:16	2021-11-26 12:16:16
Edita Copiar Apagar	8	Samantha Legros	bruen.lucienne@example.org	2021-11-26 12:16:16	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	6GHIjwAEPY	2021-11-26 12:16:16	2021-11-26 12:16:16
Edita Copiar Apagar	9	Eula Hauck	gdickinson@example.com	2021-11-26 12:16:16	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	UJYvrzTNfp	2021-11-26 12:16:16	2021-11-26 12:16:16
Edita Copiar Apagar	10	Travis Keebler	mackenzie.frami@example.com	2021-11-26 12:16:16	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	pULqLo4rBl	2021-11-26 12:16:16	2021-11-26 12:16:16
Edita Copiar Apagar	11	Mr. Donny Gutmann DDS	azulauf@example.org	2021-11-26 12:16:16	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	3UJUghfZIC	2021-11-26 12:16:16	2021-11-26 12:16:16
Edita Copiar Apagar	12	Gage Volkman IV	deanna29@example.com	2021-11-26 12:16:17	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	cYA96eohkg	2021-11-26 12:16:17	2021-11-26 12:16:17
Edita Copiar Apagar	13	Mr. Cecil Schuppe	philpert@example.org	2021-11-26 12:16:17	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	ugjfEX87Ik	2021-11-26 12:16:17	2021-11-26 12:16:17
Edita Copiar Apagar	14	Sarina Schuster	maureen27@example.com	2021-11-26 12:16:17	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	KRovH2x6g0	2021-11-26 12:16:17	2021-11-26 12:16:17
Edita Copiar Apagar	15	Clint Grimes Sr.	macie96@example.com	2021-11-26 12:16:17	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	SasO73vBDY	2021-11-26 12:16:17	2021-11-26 12:16:17
Edita Copiar Apagar	16	Brook Little	eunice.lindgren@example.org	2021-11-26 12:16:17	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	XFg11h9BSB	2021-11-26 12:16:17	2021-11-26 12:16:17
Edita Copiar Apagar	17	Violet Considine	aaliyah.bruen@example.com	2021-11-26 12:16:17	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	btMykVKm7k	2021-11-26 12:16:17	2021-11-26 12:16:17
Edita Copiar Apagar	18	Lindsay Hodkiewicz PhD	shakira.borer@example.com	2021-11-26 12:16:17	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	4N4Vh9QDzH	2021-11-26 12:16:17	2021-11-26 12:16:17
Edita Copiar Apagar	19	Chet Hills	ojacobson@example.org	2021-11-26 12:16:17	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	uV1i4V1mr7	2021-11-26 12:16:17	2021-11-26 12:16:17
Edita Copiar Apagar	20	Mr. Ottis Fadel	larson.walter@example.org	2021-11-26 12:16:17	$2y$10$92IXUNpkjO0rOQ5byMi.Ye4oKoEa3Ro9llC/.og/at2...	Jnne1sACDM	2021-11-26 12:16:17	2021-11-26 12:16:17
Edita Copiar Apagar	21	Roberto Pinheiro	betopinheiro1005@yahoo.com.br	NULL	$2y$10$OjoeJLSWIDw4IB5HyBFBxe.ybmJ1cz3O4L0GPkePr5i...	NULL	2021-11-26 20:11:23	2021-11-26 20:11:23

- Faça o Log out e em seguida o Log in

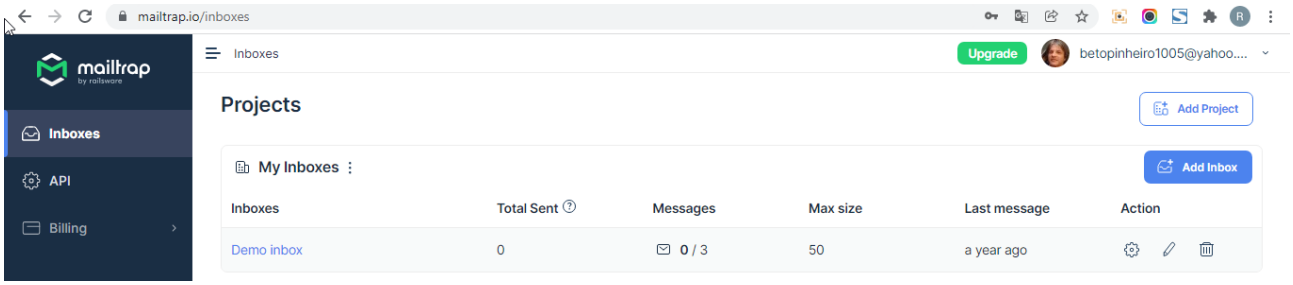
http://127.0.0.1:8000/login





Aula 25 - Verificação de email para os novos registros

https://mailtrap.io/



- Clique no link "Demo inbox"

- Na aba Integrations, selecione "Laravel 7+"

MAIL_MAILER=smtp
MAIL_HOST=smtp.mailtrap.io
MAIL_PORT=2525
MAIL_USERNAME=b4abcd797d73bd
MAIL_PASSWORD=22c14deab0947c
MAIL_ENCRYPTION=tls

.env

APP_NAME="Curso de Laravel 8 - Cursosdesarrolloweb"
APP_ENV=local
APP_KEY=base64:ejpjIGU95fkNemcwzBHpU9YMaDLBmGSWo5ebkN22F/Q=
APP_DEBUG=true
APP_URL=http://blog.test

LOG_CHANNEL=stack
LOG_DEPRECATIONS_CHANNEL=null
LOG_LEVEL=debug

DB_CONNECTION=mysql
DB_HOST=127.0.0.1
DB_PORT=3306
DB_DATABASE=blog
DB_USERNAME=root
DB_PASSWORD=

BROADCAST_DRIVER=log
CACHE_DRIVER=file
FILESYSTEM_DRIVER=local
QUEUE_CONNECTION=sync
SESSION_DRIVER=file
SESSION_LIFETIME=120

MEMCACHED_HOST=127.0.0.1

```
REDIS_HOST=127.0.0.1
REDIS_PASSWORD=null
REDIS_PORT=6379

MAIL_MAILER=smtp
MAIL_HOST=smtp.mailtrap.io
MAIL_PORT=2525
MAIL_USERNAME=b4abcd797d73bd
MAIL_PASSWORD=22c14deab0947c
MAIL_ENCRYPTION=tls
MAIL_FROM_ADDRESS=app@cursolaravel8.com
MAIL_FROM_NAME="${APP_NAME}"

AWS_ACCESS_KEY_ID=
AWS_SECRET_ACCESS_KEY=
AWS_DEFAULT_REGION=us-east-1
AWS_BUCKET=
AWS_USE_PATH_STYLE_ENDPOINT=false

PUSHER_APP_ID=
PUSHER_APP_KEY=
PUSHER_APP_SECRET=
PUSHER_APP_CLUSTER=mt1

MIX_PUSHER_APP_KEY="${PUSHER_APP_KEY}"
MIX_PUSHER_APP_CLUSTER="${PUSHER_APP_CLUSTER}"
```

app\Models\User.php

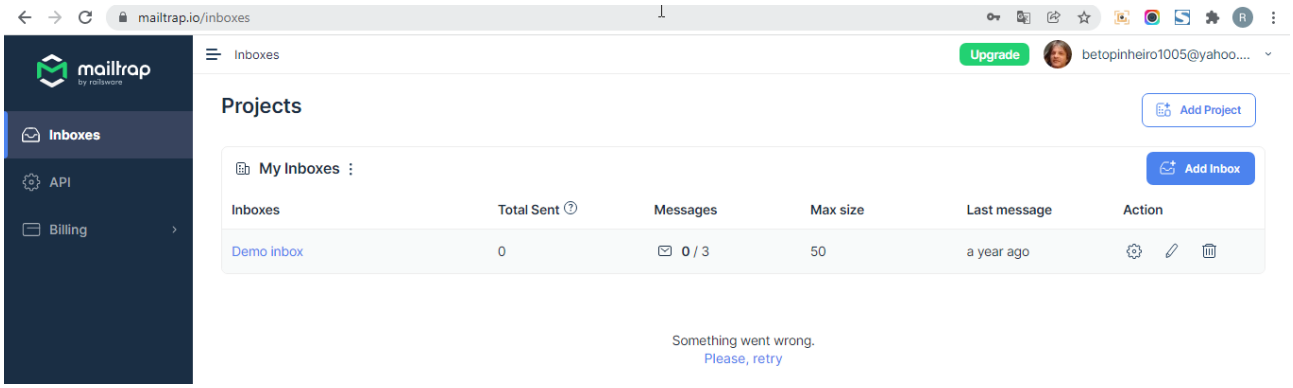
```php
<?php

namespace App\Models;

use Illuminate\Contracts\Auth\MustVerifyEmail;
use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Relations\HasMany;
use Illuminate\Database\Eloquent\Relations\HasOne;
use Illuminate\Foundation\Auth\User as Authenticatable;
use Illuminate\Notifications\Notifiable;
use Laravel\Sanctum\HasApiTokens;

class User extends Authenticatable implements MustVerifyEmail
{
    use HasApiTokens, HasFactory, Notifiable;

    /**
     * The attributes that are mass assignable.
     *
     * @var string[]
     */
    protected $fillable = [
        'name',
        'email',
        'password',
    ];

    /**
     * The attributes that should be hidden for serialization.
     *
     * @var array
     */
    protected $hidden = [
        'password',
        'remember_token',
    ];

    /**
     * The attributes that should be cast.
     *
     * @var array
     */
    protected $casts = [
        'email_verified_at' => 'datetime',
    ];

    public function phone(): HasOne {
        return $this->hasOne(Phone::class);
    }

    public function posts(): HasMany{
        return $this->hasMany(Post::class);
    }
}
```

php artisan migrate:fresh --seed

```
C:\xampp\htdocs\blog>php artisan migrate:fresh --seed
Dropped all tables successfully.
Migration table created successfully.
Migrating: 2014_10_12_000000_create_users_table
Migrated:  2014_10_12_000000_create_users_table (1,208.21ms)
Migrating: 2014_10_12_100000_create_password_resets_table
Migrated:  2014_10_12_100000_create_password_resets_table (1,203.01ms)
Migrating: 2019_08_19_000000_create_failed_jobs_table
Migrated:  2019_08_19_000000_create_failed_jobs_table (1,010.28ms)
Migrating: 2019_12_14_000001_create_personal_access_tokens_table
Migrated:  2019_12_14_000001_create_personal_access_tokens_table (1,456.15ms)
Migrating: 2021_11_25_232346_create_posts_table
Migrated:  2021_11_25_232346_create_posts_table (836.16ms)
Migrating: 2021_11_25_234851_add_user_id_to_posts_table
Migrated:  2021_11_25_234851_add_user_id_to_posts_table (1,377.59ms)
Migrating: 2021_11_26_003127_update_title_to_posts_table
Migrated:  2021_11_26_003127_update_title_to_posts_table (3,069.65ms)
Migrating: 2021_11_26_123622_create_phones_table
Migrated:  2021_11_26_123622_create_phones_table (2,452.45ms)
Seeding: Database\Seeders\PostSeeder
Seeded:  Database\Seeders\PostSeeder (12,269.58ms)
Database seeding completed successfully.
```

php artisan serve

```
C:\xampp\htdocs\blog>php artisan serve
Starting Laravel development server: http://127.0.0.1:8000
[Fri Nov 26 17:58:28 2021] PHP 7.4.25 Development Server (http://127.0.0.1:8000) started
```

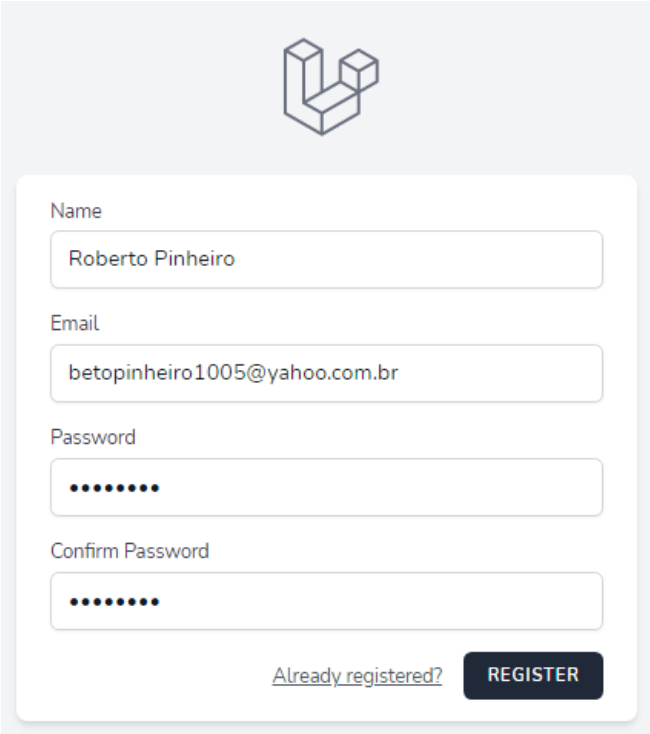


routes\web.php

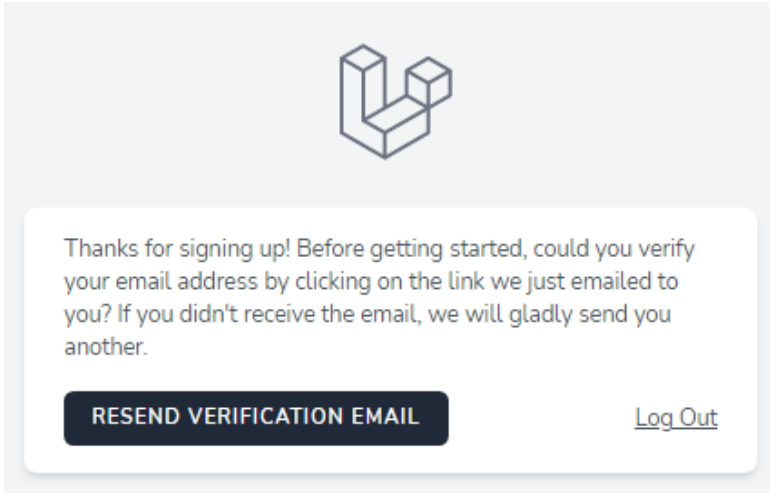
```
<?php

use Illuminate\Support\Facades\Route;

/*
|--------------------------------------------------------------------------
| 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');
});

Route::get('/dashboard', function () {
    return view('dashboard');
})->middleware(['auth','verified'])->name('dashboard');

require __DIR__.'/auth.php';
```

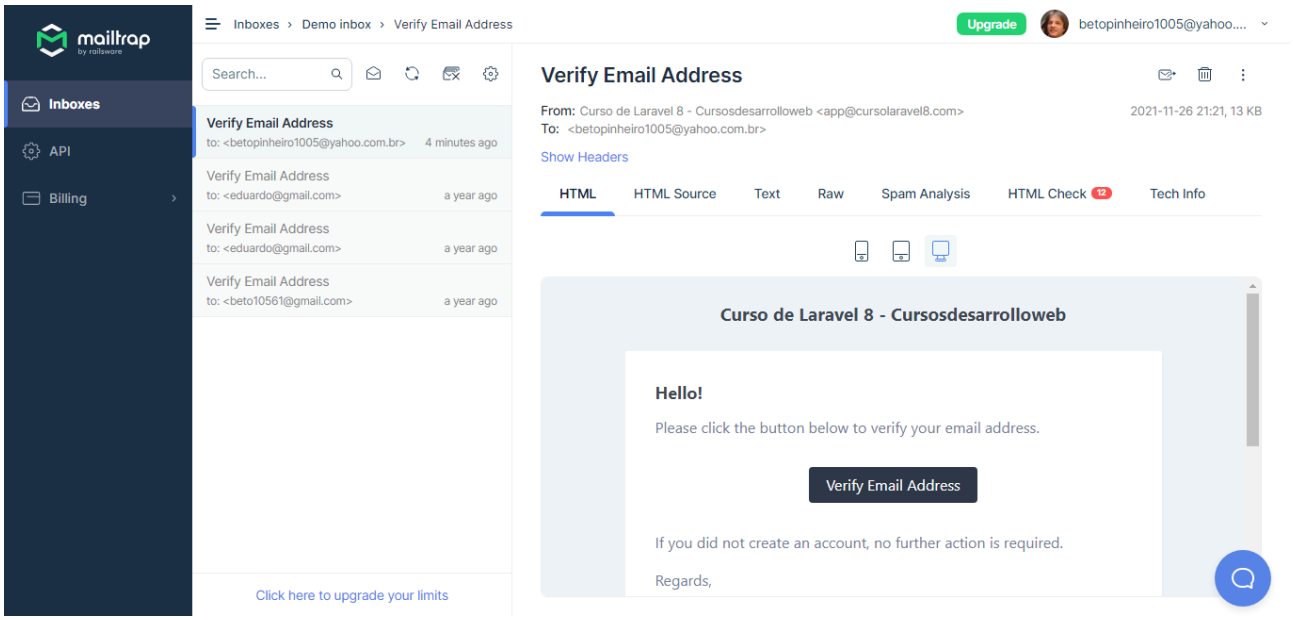
```
php artisan migrate:fresh
```

http://127.0.0.1:8000/register

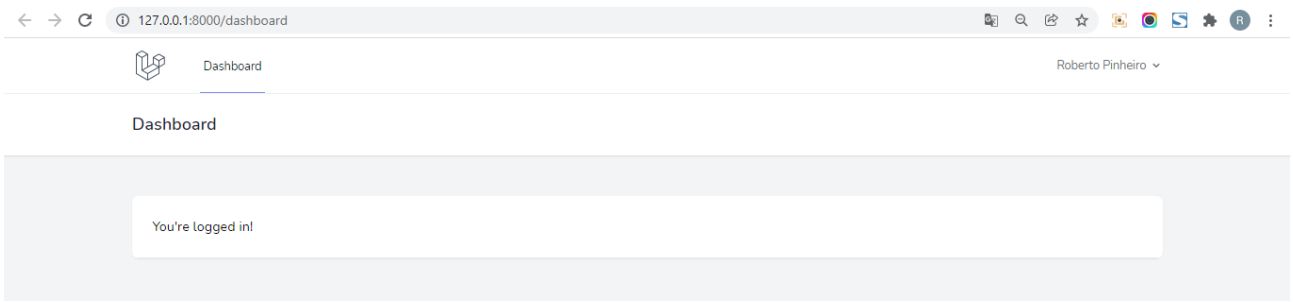


http://127.0.0.1:8000/verify-email





- Clique no botão "Verify Email Address":



+ Opções

	id	name	email	email_verified_at	password	remember_token	created_at	updated_at
Edita Copiar Apagar	1	Roberto Pinheiro	betopinheiro1005@yahoo.com.br	2021-11-26 21:28:25	$2y$10$WryKBGL6w3YI2SzcGdgSReGqz7.QAsiUntYm.mW.dE...	NULL	2021-11-26 21:21:22	2021-11-26 21:28:25

Aula 27 - Iniciar formulário de contato, rotas, controlador e navegação

php artisan make:controller ContactController

```
C:\xampp\htdocs\blog>php artisan make:controller ContactController
Controller created successfully.
```

routes\web.php

```
<?php

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

/*
|--------------------------------------------------------------------------
| 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');
});

Route::group(["middleware" => ['auth', 'verified']], function(){
    Route::get('/dashboard', function () {
        return view('dashboard');
    })->name('dashboard');

    Route::get("/contact", [ContactController::class, "index"])->name("contact.index");
    Route::post("/contact", [ContactController::class, "send"])->name("contact.send");
});

require __DIR__.'/auth.php';
```

app\Http\Controllers\ContactController.php

```
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;

class ContactController extends Controller
{
   public function index(){
      return view("contact.form");
   }

   public function send(){

   }
}
```

resources\views\layouts\navigation.blade.php

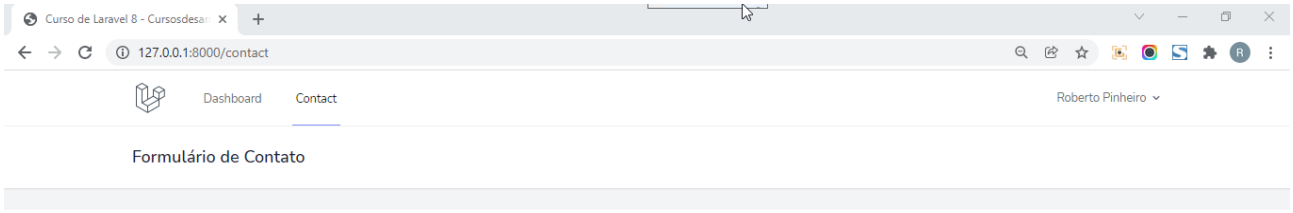
```
<nav x-data="{ open: false }" class="bg-white border-b border-gray-100">
   <!-- Primary Navigation Menu -->
   <div class="max-w-7xl mx-auto px-4 sm:px-6 lg:px-8">
      <div class="flex justify-between h-16">
         <div class="flex">
            <!-- Logo -->
            <div class="flex-shrink-0 flex items-center">
               <a href="{{ route('dashboard') }}">
                  <x-application-logo class="block h-10 w-auto fill-current text-gray-600" />
               </a>
            </div>

            <!-- Navigation Links -->
            <div class="hidden space-x-8 sm:-my-px sm:ml-10 sm:flex">
               <x-nav-link :href="route('dashboard')" :active="request()->routeIs('dashboard')">
                  {{ __('Dashboard') }}
               </x-nav-link>
               <x-nav-link :href="route('contact.index')" :active="request()->routeIs('contact.index')">
                  {{ __('Contact') }}
               </x-nav-link>
            </div>
         </div>

         <!-- Settings Dropdown -->
         <div class="hidden sm:flex sm:items-center sm:ml-6">
            <x-dropdown align="right" width="48">
               <x-slot name="trigger">
                  <button class="flex items-center text-sm font-medium text-gray-500 hover:text-gray-700 hover:border-
gray-300 focus:outline-none focus:text-gray-700 focus:border-gray-300 transition duration-150 ease-in-out">
                     <div>{{ Auth::user()->name }}</div>

                     <div class="ml-1">
                        <svg class="fill-current h-4 w-4" xmlns="http://www.w3.org/2000/svg" viewBox="0 0 20 20">
                           <path fill-rule="evenodd" d="M5.293 7.293a1 1 0 011.414 0L10 10.586l3.293-3.293a1 1 0 111.414
1.414l-4 4a1 1 0 01-1.414 0l-4-4a1 1 0 010-1.414z" clip-rule="evenodd" />
```

```
                    </svg>
                </div>
            </button>
        </x-slot>

        <x-slot name="content">
            <!-- Authentication -->
            <form method="POST" action="{{ route('logout') }}">
                @csrf

                <x-dropdown-link :href="route('logout')"
                        onclick="event.preventDefault();
                                    this.closest('form').submit();">
                    {{ __('Log Out') }}
                </x-dropdown-link>
            </form>
        </x-slot>
    </x-dropdown>
</div>

<!-- Hamburger -->
<div class="-mr-2 flex items-center sm:hidden">
    <button @click="open = ! open" class="inline-flex items-center justify-center p-2 rounded-md text-gray-400 hover:text-gray-500 hover:bg-gray-100 focus:outline-none focus:bg-gray-100 focus:text-gray-500 transition duration-150 ease-in-out">
        <svg class="h-6 w-6" stroke="currentColor" fill="none" viewBox="0 0 24 24">
            <path :class="{'hidden': open, 'inline-flex': ! open }" class="inline-flex" stroke-linecap="round" stroke-linejoin="round" stroke-width="2" d="M4 6h16M4 12h16M4 18h16" />
            <path :class="{'hidden': ! open, 'inline-flex': open }" class="hidden" stroke-linecap="round" stroke-linejoin="round" stroke-width="2" d="M6 18L18 6M6 6l12 12" />
        </svg>
    </button>
</div>
</div>
</div>

<!-- Responsive Navigation Menu -->
<div :class="{'block': open, 'hidden': ! open}" class="hidden sm:hidden">
    <div class="pt-2 pb-3 space-y-1">
        <x-responsive-nav-link :href="route('dashboard')" :active="request()->routeIs('dashboard')">
            {{ __('Dashboard') }}
        </x-responsive-nav-link>
    </div>

    <!-- Responsive Settings Options -->
    <div class="pt-4 pb-1 border-t border-gray-200">
        <div class="px-4">
            <div class="font-medium text-base text-gray-800">{{ Auth::user()->name }}</div>
            <div class="font-medium text-sm text-gray-500">{{ Auth::user()->email }}</div>
        </div>

        <div class="mt-3 space-y-1">
            <!-- Authentication -->
            <form method="POST" action="{{ route('logout') }}">
                @csrf

                <x-responsive-nav-link :href="route('logout')"
                        onclick="event.preventDefault();
                                    this.closest('form').submit();">
```

```
                {{ __('Log Out') }}
              </x-responsive-nav-link>
            </form>
          </div>
        </div>
      </div>
</nav>
```

resources\views\contact\form.blade.php

```
<x-app-layout>
    <x-slot name="header">
        <h2 class="font-semibold text-xl text-gray-800 leading-tight">
            {{ __('Formulário de Contato') }}
        </h2>
    </x-slot>
</x-app-layout>
```

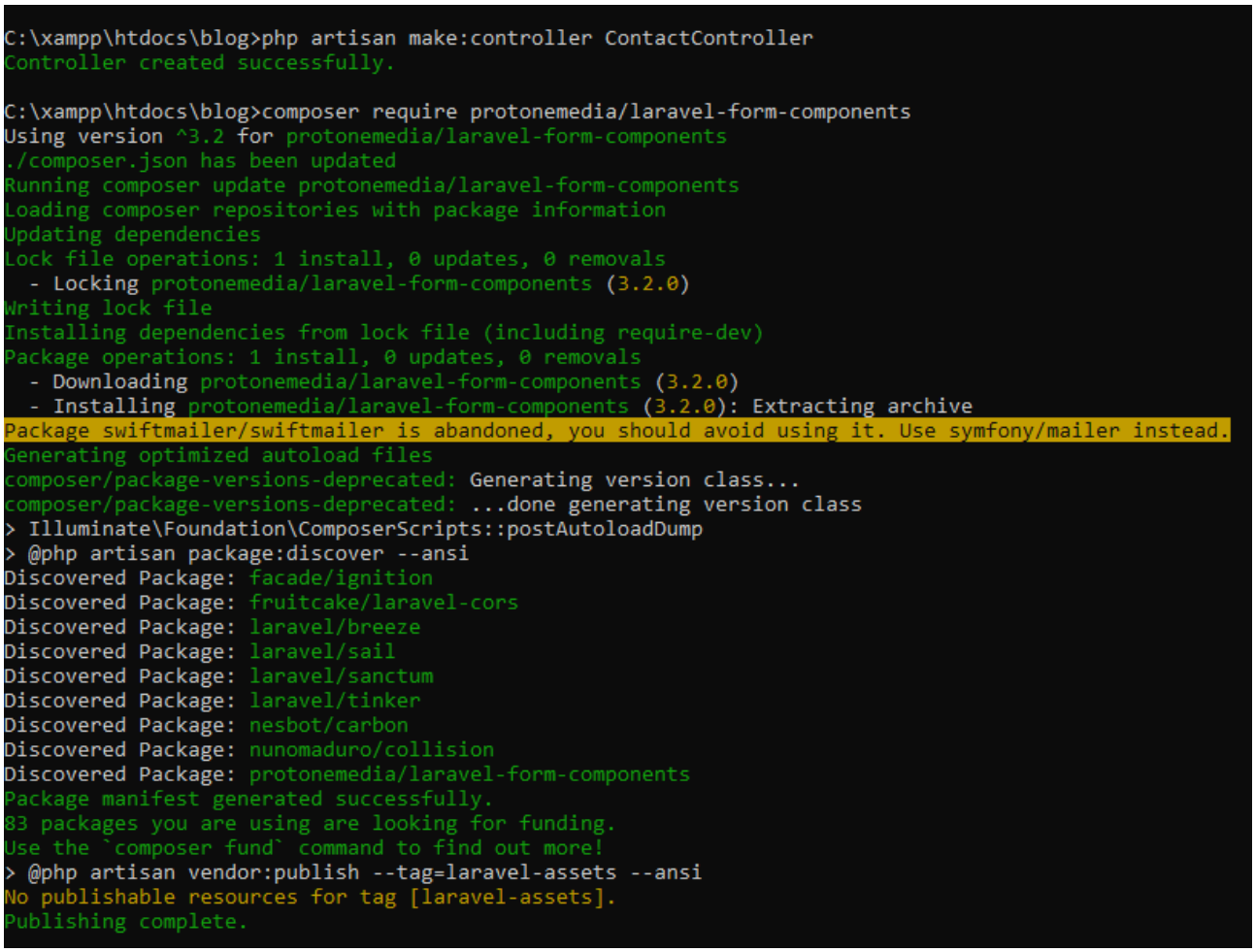


Aula 28 - Pacote para gerar formulários com BladeX e criar formulário contato

Instalando laravel-form-components

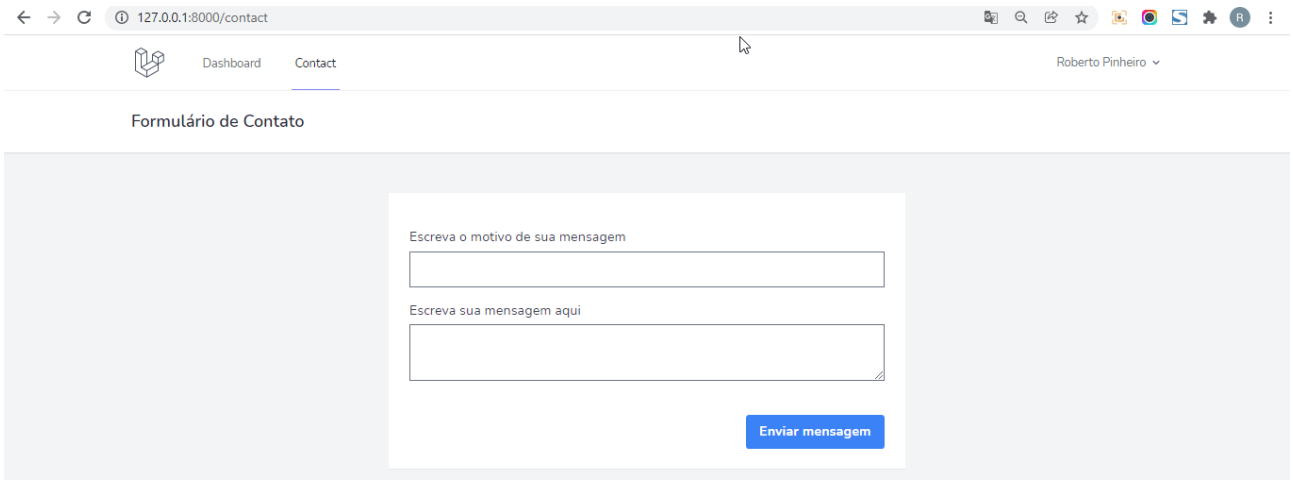
https://github.com/protonemedia/laravel-form-components

composer require protonemedia/laravel-form-components



resources\views\contact\form.blade.php

```
<x-app-layout>
    <x-slot name="header">
        <h2 class="font-semibold text-xl text-gray-800 leading-tight">
            {{ __('Formulário de Contato') }}
        </h2>
    </x-slot>

    <div class="py-12">
        <div class="max-w-2xl mx-auto sm:px-6 lg:px-8">
            <div class="p-6 bg-white border-b border-gray-200">
                <form action="{{ route("contact.send") }}" method="post">
                    @csrf
                    <div class="block mt-4">
                        <x-form-input name="subject" label="Escreva o motivo de sua mensagem" />
                    </div>
                    <div class="block mt-4">
                        <x-form-textarea name="message" label="Escreva sua mensagem aqui" />
                    </div>
                    <div class="flex items-center justify-end mt-4">
                        <x-form-submit>Enviar mensagem</x-form-submit>
                    </div>
                </form>
            </div>
        </div>
    </div>

</x-app-layout>
```



Aula 29 - Validar o formulário de contato e traduzir os erros

app\Http\Controllers\ContactController.php

```
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;

class ContactController extends Controller
{
   public function index(){
      return view("contact.form");
   }

   public function send(Request $request){
      $this->validate($request, [
         "subject" => "required|string|min:5|max:100",
         "message" => "required|string|min:20|max:3000"
      ]);

      dd($request->input());
   }
}
```

https://github.com/Laravel-Lang/lang

Instalando laravel-lang

composer require laravel-lang/lang:~7.0

```
PS C:\xampp\htdocs\blog> composer require laravel-lang/lang:~7.0
./composer.json has been updated
Running composer update laravel-lang/lang
Loading composer repositories with package information
Updating dependencies
Nothing to modify in lock file
Installing dependencies from lock file (including require-dev)
Nothing to install, update or remove
Package swiftmailer/swiftmailer is abandoned, you should avoid using it. Use symfony/mailer instead.
Generating optimized autoload files
composer/package-versions-deprecated: Generating version class...
composer/package-versions-deprecated: ...done generating version class
> Illuminate\Foundation\ComposerScripts::postAutoloadDump
> @php artisan package:discover --ansi
Discovered Package: facade/ignition
Discovered Package: fruitcake/laravel-cors
Package manifest generated successfully.
83 packages you are using are looking for funding.
Use the `composer fund` command to find out more!
> @php artisan vendor:publish --tag=laravel-assets --ansi
No publishable resources for tag [laravel-assets].
Publishing complete.
```

- Acesse vendor\laravel-lang\lang\src e copie a pasta pt_BR para a pasta resources\lang.

Configurando o idioma

config\app.php

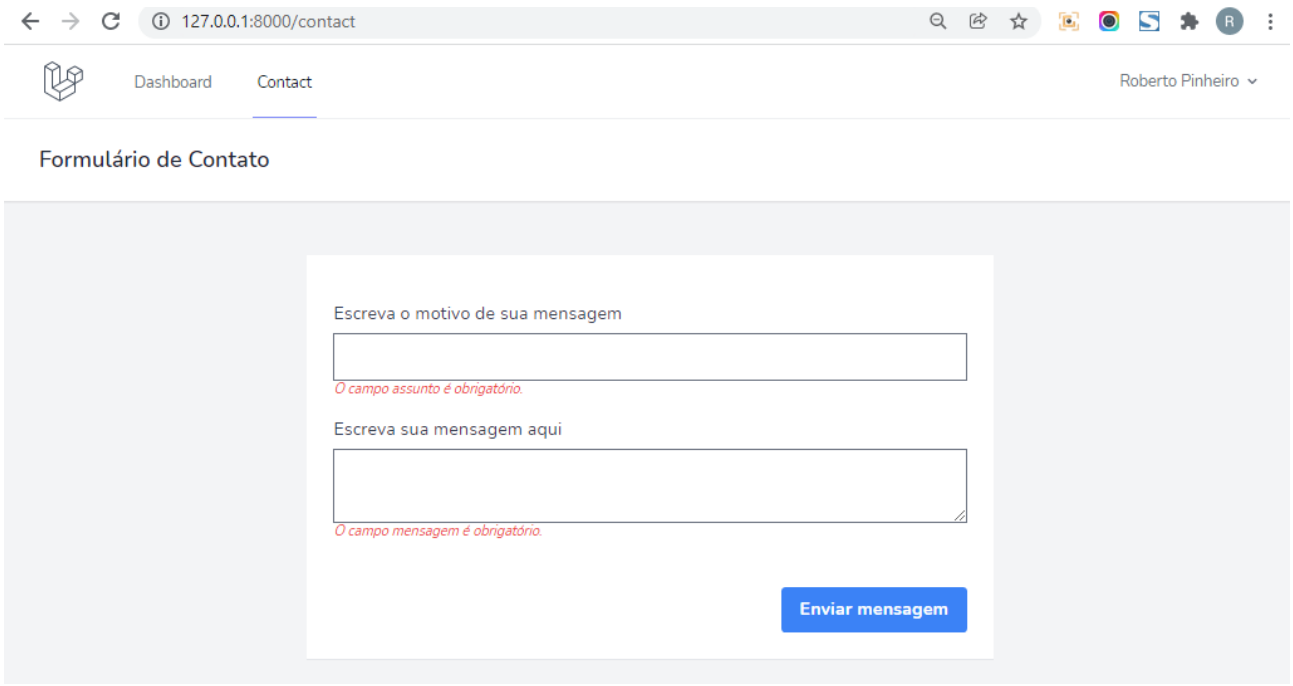
```
<?php

return [

    /*
    |--------------------------------------------------------------------------
    | Application Name
    |--------------------------------------------------------------------------
    |
    | This value is the name of your application. This value is used when the
    | framework needs to place the application's name in a notification or
    | any other location as required by the application or its packages.
    |
    */

    'name' => env('APP_NAME', 'Laravel'),

    /*
    |--------------------------------------------------------------------------
    | Application Environment
    |--------------------------------------------------------------------------
    |
    | This value determines the "environment" your application is currently
    | running in. This may determine how you prefer to configure various
    | services the application utilizes. Set this in your ".env" file.
    |
    */

    'env' => env('APP_ENV', 'production'),

    /*
    |--------------------------------------------------------------------------
    | Application Debug Mode
    |--------------------------------------------------------------------------
    |
    | When your application is in debug mode, detailed error messages with
    | stack traces will be shown on every error that occurs within your
    | application. If disabled, a simple generic error page is shown.
    |
    */

    'debug' => (bool) env('APP_DEBUG', false),

    /*
    |--------------------------------------------------------------------------
    | Application URL
    |--------------------------------------------------------------------------
    |
    | This URL is used by the console to properly generate URLs when using
```

```
| the Artisan command line tool. You should set this to the root of
| your application so that it is used when running Artisan tasks.
|
*/

'url' => env('APP_URL', 'http://localhost'),

'asset_url' => env('ASSET_URL', null),

/*
|--------------------------------------------------------------------------
| Application Timezone
|--------------------------------------------------------------------------
|
| Here you may specify the default timezone for your application, which
| will be used by the PHP date and date-time functions. We have gone
| ahead and set this to a sensible default for you out of the box.
|
*/

'timezone' => 'UTC',

/*
|--------------------------------------------------------------------------
| Application Locale Configuration
|--------------------------------------------------------------------------
|
| The application locale determines the default locale that will be used
| by the translation service provider. You are free to set this value
| to any of the locales which will be supported by the application.
|
*/

'locale' => 'pt_BR',

/*
|--------------------------------------------------------------------------
| Application Fallback Locale
|--------------------------------------------------------------------------
|
| The fallback locale determines the locale to use when the current one
| is not available. You may change the value to correspond to any of
| the language folders that are provided through your application.
|
*/

'fallback_locale' => 'pt_BR',

/*
|--------------------------------------------------------------------------
| Faker Locale
|--------------------------------------------------------------------------
|
| This locale will be used by the Faker PHP library when generating fake
| data for your database seeds. For example, this will be used to get
| localized telephone numbers, street address information and more.
|
*/
```

```
'faker_locale' => 'en_US',

/*
|--------------------------------------------------------------------------
| Encryption Key
|--------------------------------------------------------------------------
|
| This key is used by the Illuminate encrypter service and should be set
| to a random, 32 character string, otherwise these encrypted strings
| will not be safe. Please do this before deploying an application!
|
*/

'key' => env('APP_KEY'),

'cipher' => 'AES-256-CBC',

/*
|--------------------------------------------------------------------------
| Autoloaded Service Providers
|--------------------------------------------------------------------------
|
| The service providers listed here will be automatically loaded on the
| request to your application. Feel free to add your own services to
| this array to grant expanded functionality to your applications.
|
*/

'providers' => [

    /*
     * Laravel Framework Service Providers...
     */
    Illuminate\Auth\AuthServiceProvider::class,
    Illuminate\Broadcasting\BroadcastServiceProvider::class,
    Illuminate\Bus\BusServiceProvider::class,
    Illuminate\Cache\CacheServiceProvider::class,
    Illuminate\Foundation\Providers\ConsoleSupportServiceProvider::class,
    Illuminate\Cookie\CookieServiceProvider::class,
    Illuminate\Database\DatabaseServiceProvider::class,
    Illuminate\Encryption\EncryptionServiceProvider::class,
    Illuminate\Filesystem\FilesystemServiceProvider::class,
    Illuminate\Foundation\Providers\FoundationServiceProvider::class,
    Illuminate\Hashing\HashServiceProvider::class,
    Illuminate\Mail\MailServiceProvider::class,
    Illuminate\Notifications\NotificationServiceProvider::class,
    Illuminate\Pagination\PaginationServiceProvider::class,
    Illuminate\Pipeline\PipelineServiceProvider::class,
    Illuminate\Queue\QueueServiceProvider::class,
    Illuminate\Redis\RedisServiceProvider::class,
    Illuminate\Auth\Passwords\PasswordResetServiceProvider::class,
    Illuminate\Session\SessionServiceProvider::class,
    Illuminate\Translation\TranslationServiceProvider::class,
    Illuminate\Validation\ValidationServiceProvider::class,
    Illuminate\View\ViewServiceProvider::class,

    /*
     * Package Service Providers...
     */
```

```
    /*
     * Application Service Providers...
     */
    App\Providers\AppServiceProvider::class,
    App\Providers\AuthServiceProvider::class,
    // App\Providers\BroadcastServiceProvider::class,
    App\Providers\EventServiceProvider::class,
    App\Providers\RouteServiceProvider::class,

],

/*
|--------------------------------------------------------------------------
| Class Aliases
|--------------------------------------------------------------------------
|
| This array of class aliases will be registered when this application
| is started. However, feel free to register as many as you wish as
| the aliases are "lazy" loaded so they don't hinder performance.
|
*/

'aliases' => [

    'App' => Illuminate\Support\Facades\App::class,
    'Arr' => Illuminate\Support\Arr::class,
    'Artisan' => Illuminate\Support\Facades\Artisan::class,
    'Auth' => Illuminate\Support\Facades\Auth::class,
    'Blade' => Illuminate\Support\Facades\Blade::class,
    'Broadcast' => Illuminate\Support\Facades\Broadcast::class,
    'Bus' => Illuminate\Support\Facades\Bus::class,
    'Cache' => Illuminate\Support\Facades\Cache::class,
    'Config' => Illuminate\Support\Facades\Config::class,
    'Cookie' => Illuminate\Support\Facades\Cookie::class,
    'Crypt' => Illuminate\Support\Facades\Crypt::class,
    'Date' => Illuminate\Support\Facades\Date::class,
    'DB' => Illuminate\Support\Facades\DB::class,
    'Eloquent' => Illuminate\Database\Eloquent\Model::class,
    'Event' => Illuminate\Support\Facades\Event::class,
    'File' => Illuminate\Support\Facades\File::class,
    'Gate' => Illuminate\Support\Facades\Gate::class,
    'Hash' => Illuminate\Support\Facades\Hash::class,
    'Http' => Illuminate\Support\Facades\Http::class,
    'Js' => Illuminate\Support\Js::class,
    'Lang' => Illuminate\Support\Facades\Lang::class,
    'Log' => Illuminate\Support\Facades\Log::class,
    'Mail' => Illuminate\Support\Facades\Mail::class,
    'Notification' => Illuminate\Support\Facades\Notification::class,
    'Password' => Illuminate\Support\Facades\Password::class,
    'Queue' => Illuminate\Support\Facades\Queue::class,
    'RateLimiter' => Illuminate\Support\Facades\RateLimiter::class,
    'Redirect' => Illuminate\Support\Facades\Redirect::class,
    // 'Redis' => Illuminate\Support\Facades\Redis::class,
    'Request' => Illuminate\Support\Facades\Request::class,
    'Response' => Illuminate\Support\Facades\Response::class,
    'Route' => Illuminate\Support\Facades\Route::class,
    'Schema' => Illuminate\Support\Facades\Schema::class,
    'Session' => Illuminate\Support\Facades\Session::class,
```

```
        'Storage' => Illuminate\Support\Facades\Storage::class,
        'Str' => Illuminate\Support\Str::class,
        'URL' => Illuminate\Support\Facades\URL::class,
        'Validator' => Illuminate\Support\Facades\Validator::class,
        'View' => Illuminate\Support\Facades\View::class,

    ],

];
```



Aula 30 - Mailable com Markdown para enviar formulário de contato por email

php artisan make:mail SendContactForm

```
PS C:\xampp\htdocs\blog> php artisan make:mail SendContactForm
Mail created successfully.
```

app\Mail\SendContactForm.php

```
<?php

namespace App\Mail;

use Illuminate\Bus\Queueable;
use Illuminate\Contracts\Queue\ShouldQueue;
use Illuminate\Mail\Mailable;
use Illuminate\Queue\SerializesModels;

class SendContactForm extends Mailable
{
    use Queueable, SerializesModels;

    public string $textSubject;
    public string $textMessage;

    /**
     * Create a new message instance.
     *
     * @return void
     */
    public function __construct(string $subject, string $message)
    {
        $this->textSubject = $subject;
        $this->textMessage = $message;
    }

    /**
     * Build the message.
     *
     * @return $this
     */
    public function build()
    {
        return $this
        ->subject("Formulário de contato - " . config("app.name"))
        ->markdown('emails.contact');
    }
}
```

resources\views\emails\contact.blade.php

@component('mail::message')
Olá admin,

Você recebeu uma nova mensagem a partir do formulário de contato em {{ config('app.name') }}
Motivo da mensagem: {{ $textSubject }}
{{ $textMessage }}
@endcomponent

Atenção: Todo o texto tem que estar tabulado à esquerda.

php artisan vendor:publish

- Escolha a opção laravel-mail

```
C:\xampp\htdocs\blog>php artisan vendor:publish

 Which provider or tag's files would you like to publish?:
  [0 ] Publish files from all providers and tags listed below
  [1 ] Provider: Facade\Ignition\IgnitionServiceProvider
  [2 ] Provider: Fruitcake\Cors\CorsServiceProvider
  [3 ] Provider: Illuminate\Foundation\Providers\FoundationServiceProvider
  [4 ] Provider: Illuminate\Mail\MailServiceProvider
  [5 ] Provider: Illuminate\Notifications\NotificationServiceProvider
  [6 ] Provider: Illuminate\Pagination\PaginationServiceProvider
  [7 ] Provider: Laravel\Sail\SailServiceProvider
  [8 ] Provider: Laravel\Sanctum\SanctumServiceProvider
  [9 ] Provider: Laravel\Tinker\TinkerServiceProvider
  [10] Provider: ProtoneMedia\LaravelFormComponents\Support\ServiceProvider
  [11] Tag: config
  [12] Tag: cors
  [13] Tag: flare-config
  [14] Tag: ignition-config
  [15] Tag: laravel-errors
  [16] Tag: laravel-mail
  [17] Tag: laravel-notifications
  [18] Tag: laravel-pagination
  [19] Tag: sail
  [20] Tag: sail-bin
  [21] Tag: sail-docker
  [22] Tag: sanctum-config
  [23] Tag: sanctum-migrations
  [24] Tag: views
 > 16

Copied Directory [\vendor\laravel\framework\src\Illuminate\Mail\resources\views] To [\resources\views\vendor\mail]
Publishing complete
```

- Será criada a pasta resources\views\vendor\mail

Aula 31 - Renderizar no browser e enviar por email Mailables

routes\web.php

```
<?php

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

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

Route::group(["middleware" => ['auth', 'verified']], function(){
   Route::get('/dashboard', function () {
      return view('dashboard');
   })->name('dashboard');

   Route::get("/contact", [ContactController::class, "index"])->name("contact.index");
   Route::post("/contact", [ContactController::class, "send"])->name("contact.send");

   Route::get('/mailable/contact', function(){
      return new \App\Mail\SendContactForm("Motivo", "Mensagem");
   });
});

require __DIR__.'/auth.php';
```

app\Http\Controllers\ContactController.php

```
<?php

namespace App\Http\Controllers;

use App\Mail\SendContactForm;
use App\Models\User;
use Illuminate\Http\Request;
use Illuminate\Support\Facades\Mail;

class ContactController extends Controller
{
   public function index(){
      return view("contact.form");
   }

   public function send(Request $request){

         $this->validate($request, [
            "subject" => "required|string|min:5|max:100",
            "message" => "required|string|min:20|max:3000"
         ]);

         // dd($request->input());

         Mail::to(User::first())->send(
            new SendContactForm(
               $request->input("subject"),
               $request->input("message"),
            )
         );

   }
}
```

Aula 32 - Mostrar mensagens flash com componente Flash Messages

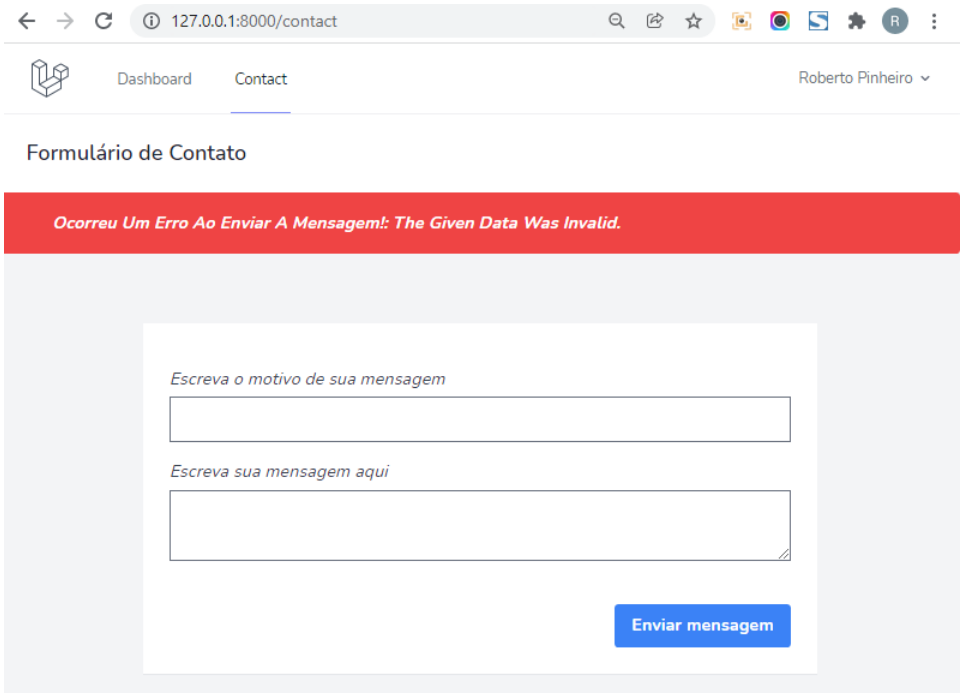
resources\views\components\flash-messages.blade.php

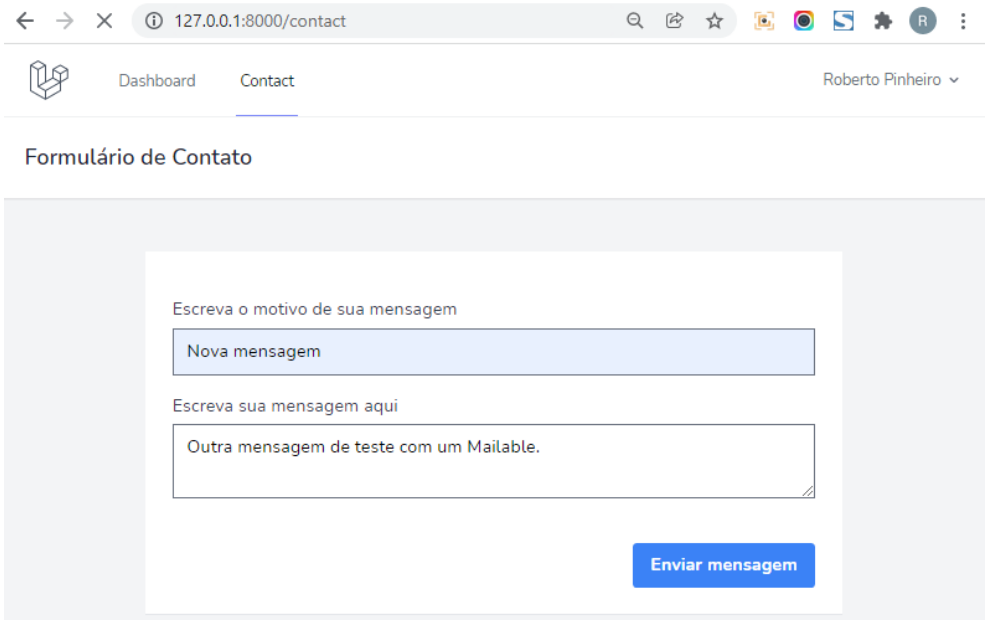
```
@if($message = Session::get("success"))
   <div class="text-white px-6 py-4 border-0 rounded relative mb-4 bg-green-500">
   <span class="text-xl inline-block mr-5 align-middle">
      <i class="fas fa-bell">
   </span>
   <span class="inline-block align-middle mr-8">
      <b class="capitalize">{{ $message }}</b>
   </span>
   </div>
@endif

@if ($message = Session::get("error"))
   <div class="text-white px-6 py-4 border-0 rounded relative mb-4 bg-red-500">
   <span class="text-xl inline-block mr-5 align-middle">
      <i class="fas fa-bell">
   </span>
   <span class="inline-block align-middle mr-8">
      <b class="capitalize">{{ $message }}</b>
   </span>
   </div>
@endif
```

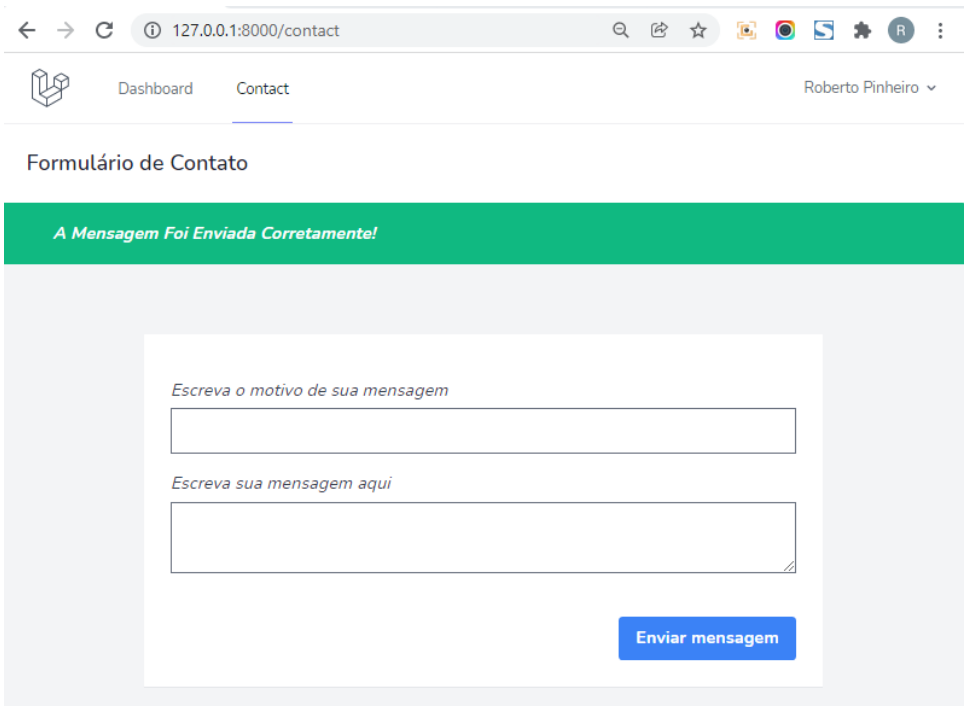
resources\views\layouts\app.blade.php

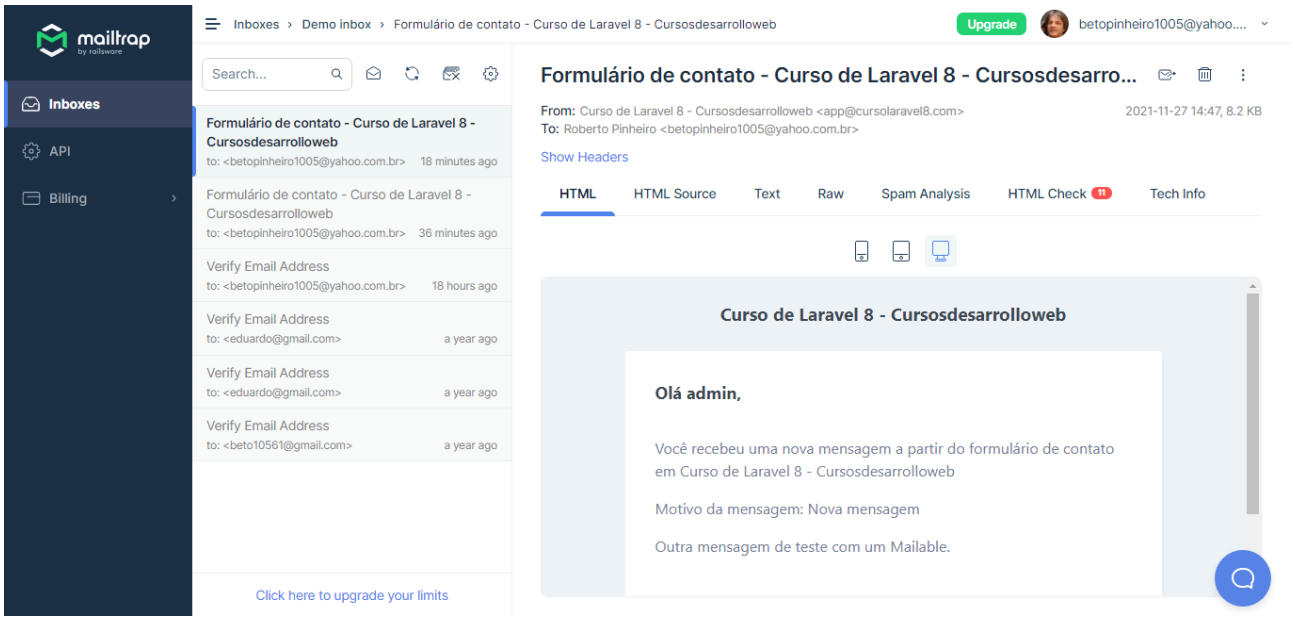
```
<!DOCTYPE html>
<html lang="{{ str_replace('_', '-', app()->getLocale()) }}">
   <head>
      <meta charset="utf-8">
      <meta name="viewport" content="width=device-width, initial-scale=1">
      <meta name="csrf-token" content="{{ csrf_token() }}">

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

      <!-- Fonts -->
      <link rel="stylesheet"
href="https://fonts.googleapis.com/css2?family=Nunito:wght@400;600;700&display=swap">

      <!-- Styles -->
      <link rel="stylesheet" href="{{ asset('css/app.css') }}">

      <!-- Scripts -->
      <script src="{{ asset('js/app.js') }}" defer></script>
   </head>
   <body class="font-sans antialiased">
      <div class="min-h-screen bg-gray-100">
         @include('layouts.navigation')

         <!-- Page Heading -->
         <header class="bg-white shadow">
            <div class="max-w-7xl mx-auto py-6 px-4 sm:px-6 lg:px-8">
               {{ $header }}
            </div>
         </header>
```

```
        <!-- Page Content -->
        <main>
          <x-flash-messages />
          {{ $slot }}
        </main>
      </div>
    </body>
</html>
```






127.0.0.1:8000/contact
Dashboard
Contact
Roberto Pinheiro
Formulário de Contato
A Mensagem Foi Enviada Corretamente!
Escreva o motivo de sua mensagem
Escreva sua mensagem aqui
Enviar mensagem


mailtrap
Inboxes
API
Billing
Inboxes › Demo inbox › Formulário de contato - Curso de Laravel 8 - Cursosdesarrolloweb
Upgrade
betopinheiro1005@yahoo....
Search...
Formulário de contato - Curso de Laravel 8 - Cursosdesarrolloweb
to: <betopinheiro1005@yahoo.com.br> 18 minutes ago
Formulário de contato - Curso de Laravel 8 - Cursosdesarrolloweb
to: <betopinheiro1005@yahoo.com.br> 36 minutes ago
Verify Email Address
to: <betopinheiro1005@yahoo.com.br> 18 hours ago
Verify Email Address
to: <eduardo@gmail.com> a year ago
Verify Email Address
to: <eduardo@gmail.com> a year ago
Verify Email Address
to: <beto10561@gmail.com> a year ago
Click here to upgrade your limits
Formulário de contato - Curso de Laravel 8 - Cursosdesarro...
From: Curso de Laravel 8 - Cursosdesarrolloweb <app@cursolaravel8.com>
To: Roberto Pinheiro <betopinheiro1005@yahoo.com.br>
2021-11-27 14:47, 8.2 KB
Show Headers
HTML
HTML Source
Text
Raw
Spam Analysis
HTML Check
Tech Info
Curso de Laravel 8 - Cursosdesarrolloweb
Olá admin,
Você recebeu uma nova mensagem a partir do formulário de contato em Curso de Laravel 8 - Cursosdesarrolloweb
Motivo da mensagem: Nova mensagem
Outra mensagem de teste com um Mailable.

Aula 33 - Validar o formulário de contato com uma classe FormRequest

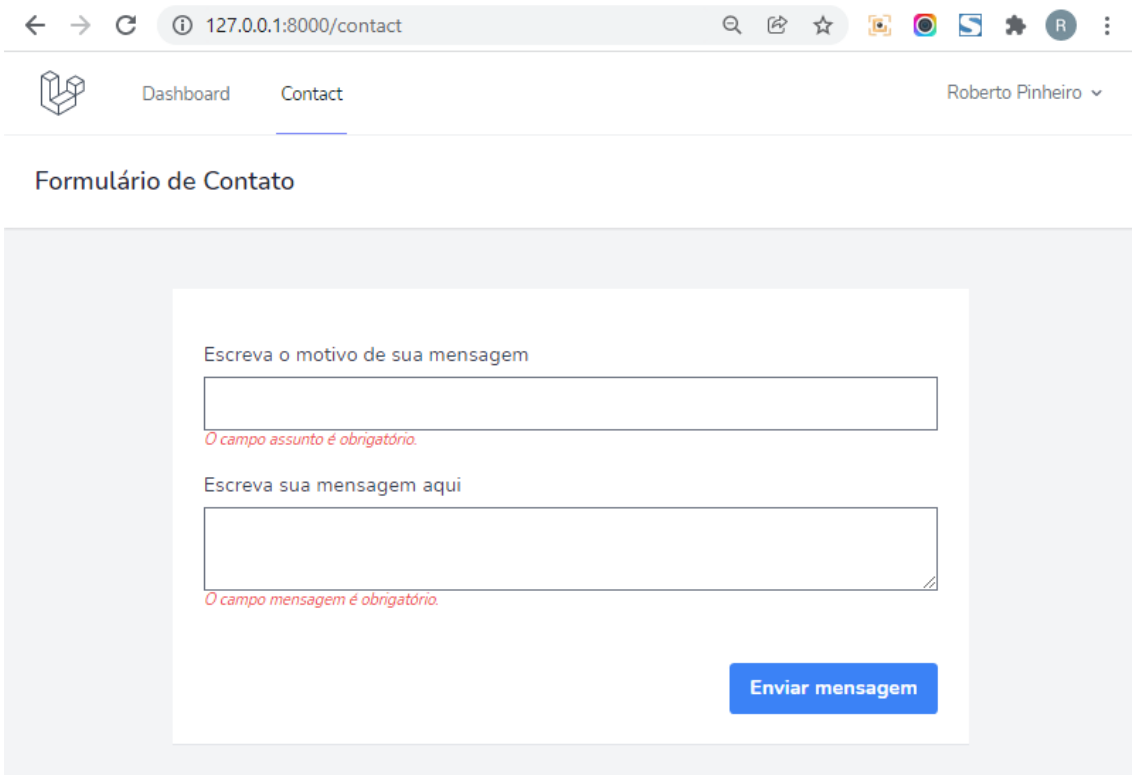
php artisan make:request ContactFormRequest

```
C:\xampp\htdocs\blog>php artisan make:request ContactFormRequest
Request created successfully.
```

app\Http\Requests\ContactFormRequest.php

```php
<?php

namespace App\Http\Requests;

use Illuminate\Foundation\Http\FormRequest;

class ContactFormRequest extends FormRequest
{
   public function authorize()
   {
      return true;
   }

   public function rules()
   {
      return [
         "subject" => "required|string|min:5|max:100",
         "message" => "required|string|min:20|max:3000"
      ];
   }
}
```

app\Http\Controllers\ContactController.php

```php
<?php

namespace App\Http\Controllers;

use App\Http\Requests\ContactFormRequest;
use App\Mail\SendContactForm;
use App\Models\User;
use Illuminate\Support\Facades\Mail;

class ContactController extends Controller
{
   public function index(){
      return view("contact.form");
   }
```

```
    public function send(ContactFormRequest $request){

        try {

            // dd($request->input());

            Mail::to(User::first())->send(
                new SendContactForm(
                    $request->input("subject"),
                    $request->input("message"),
                )
            );

            return back()->with("success", "A mensagem foi enviada corretamente!");
        } catch (\Exception $exception) {
            return back()->with("error", "Ocorreu um erro ao enviar a mensagem!: " . $exception->getMessage());
        }

    }
}
```