# CRUD Laravel 5.4 Italo Morales (Rimorsoft Online)

https://www.youtube.com/watch?v=AiEhC2AluJ4&list=PLhCiuvlix-rTH5idwru7vKkPAmVODYJJB

Resumo dos vídeos feito por Roberto Pinheiro

# Aula 2 - Migrate, Seeder, Factory, Model, Controller

# Criando model, migration e controller

php artisan make: model Product -mc

```
C:\laragon\www\laravel-crud
\[ \lambda \] php artisan make:model Product -mc \times \]

Model created successfully.

Created Migration: 2019_04_07_015753_create_products_table

Controller created successfully.

C:\laragon\www\laravel-crud
\[ \lambda \]

C:\laragon\www\laravel-crud
\[ \lambda \]
```

#### app/Product.php

```
<?php
namespace App;
use Illuminate\Database\Eloquent\Model;
class Product extends Model
{
   protected $fillable = [
         'name', 'short', 'body',
   ];
}</pre>
```

#### Criando seeder

php artisan make:seeder ProductsTableSeeder

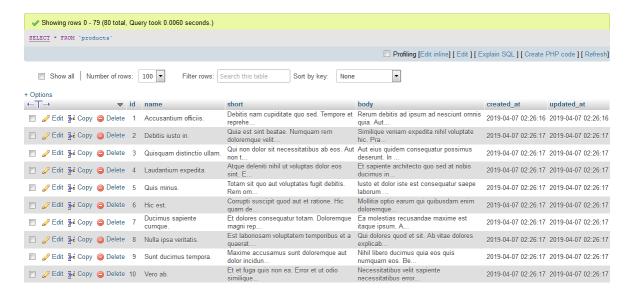
```
C:\laragon\www\laravel-crud
λ php artisan make:seeder ProductsTableSeeder
Seeder created successfully.
C:\laragon\www\laravel-crud
λ
```

### Criando e populando a tabela de produtos

php artisan migrate:refresh --seed

```
C:\laragon\www\laravel-crud
λ php artisan migrate:refresh --seed
Migration table not found.
Migration table created successfully.
Migrating: 2014_10_12_000000_create_users_table
Migrated: 2014_10_12_000000_create_users_table
Migrating: 2014_10_12_100000_create_password_resets_table
Migrated: 2014_10_12_100000_create_password_resets_table
Migrating: 2019_04_07_015753_create_products_table
Migrated: 2019_04_07_015753_create_products_table
Seeding: ProductsTableSeeder

C:\laragon\www\laravel-crud
λ
```



# Aula 4 - Route resource e index para listar

#### **Rotas**

#### routes/web.php

#### Listando as rotas

#### php artisan route:list

```
C:\laragon\www\laravel-crud

\lambda php artisan route:list

| Domain | Method | URI | Name | Action | Middleware | |
| | GET|HEAD | / | | Closure | web |
| | GET|HEAD | api/user | Closure | api,auth:api |
| | GET|HEAD | products | products.index | App\Http\Controllers\ProductController@index | web |
| | POST | products | products.store | App\Http\Controllers\ProductController@create | web |
| | GET|HEAD | products/create | products.create | App\Http\Controllers\ProductController@create | web |
| | GET|HEAD | products/{product} | products.show | App\Http\Controllers\ProductController@show | web |
| PUT|PATCH | products/{product} | products.destroy | App\Http\Controllers\ProductController@destroy | web |
| | DELETE | products/{product} | products.destroy | App\Http\Controllers\ProductController@destroy | web |
| | GET|HEAD | products/{product} | products.edit | App\Http\Controllers\ProductController@destroy | web |
| | GET|HEAD | products/{product} | products.edit | App\Http\Controllers\ProductController@destroy | web |
| | GET|HEAD | products/{product} | products.edit | App\Http\Controllers\ProductController@destroy | web |
| C:\laragon\www\laravel-crud
```

#### Http/Controllers/ProductController.php

```
<?php
namespace App\Http\Controllers;
use Illuminate\Http\Request;
class ProductController extends Controller
{
   public function index(){
    return 'index';
   }
}</pre>
```

#### resources/views/welcome.php

```
<!doctype html>
<html lang="{{ app()->getLocale() }}">
  <head>
     <meta charset="utf-8">
     <meta http-equiv="X-UA-Compatible" content="IE=edge">
     <meta name="viewport" content="width=device-width, initial-scale=1">
     <title>Laravel</title>
     <!-- Fonts -->
     k href="https://fonts.googleapis.com/css?family=Raleway:100,600"
rel="stylesheet" type="text/css">
     <!-- Styles -->
     <style>
        html, body {
          background-color: #fff;
          color: #636b6f;
          font-family: 'Raleway', sans-serif;
          font-weight: 100;
          height: 100vh;
          margin: 0;
        }
        .full-height {
          height: 100vh;
```

```
.flex-center {
        align-items: center;
        display: flex;
        justify-content: center;
     }
     .position-ref {
        position: relative;
     }
     .top-right {
        position: absolute;
        right: 10px;
        top: 18px;
     }
     .content {
        text-align: center;
     }
     .title {
        font-size: 84px;
     .links > a {
        color: #636b6f;
        padding: 0 25px;
        font-size: 12px;
        font-weight: 600;
        letter-spacing: .1rem;
        text-decoration: none;
        text-transform: uppercase;
     }
     .m-b-md {
        margin-bottom: 30px;
  </style>
</head>
<body>
  <div class="flex-center position-ref full-height">
     @if (Route::has('login'))
        <div class="top-right links">
           @auth
              <a href="{{ url('/home') }}">Home</a>
              <a href="{{ route('login') }}">Login</a>
              <a href="{{ route('register') }}">Register</a>
           @endauth
        </div>
     @endif
```





# Aula 5 - Gerência de templates - Blade em Laravel

#### resources/views/layout.blade.php

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>App | Rimorsoft Online</title>
  k rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.cs
</head>
<body>
  <div class="container">
   <div class="row">
      <div class="col-sm-12">
       <h1 class="page-header text-center">CRUD Laravel 5.4</h1>
      </div>
     @yield('content')
   </div>
  </div>
  <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"></script>
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js
"></script>
  <script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js">
</script>
</body>
</html>
```

#### resources/views/products/index.blade.php

#### Http/Controllers/ProductController.php

```
<?php
namespace App\Http\Controllers;
use Illuminate\Http\Request;
class ProductController extends Controller
{
   public function index(){
    return view('products.index');
   }
}</pre>
```

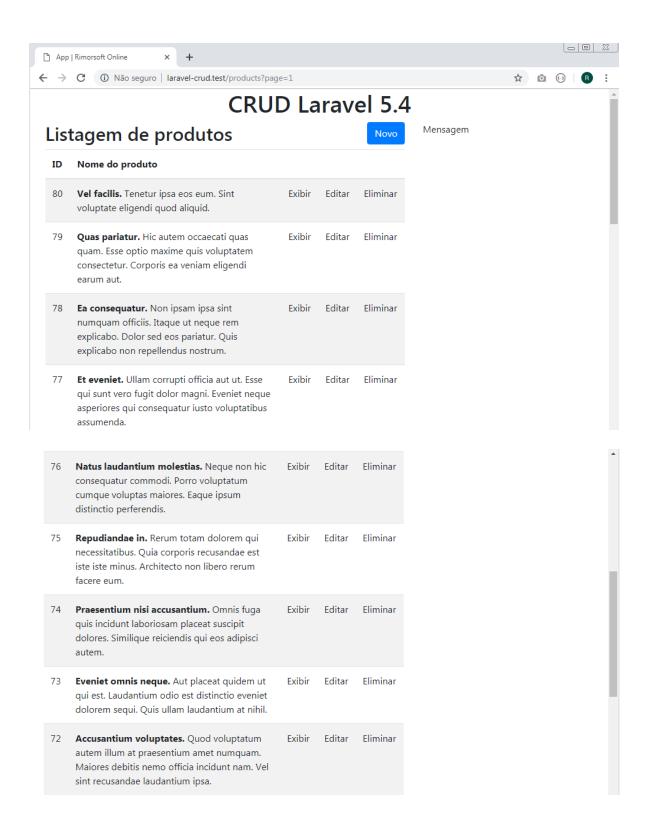


# Aula 6 - Listar e paginar elementos em Laravel

## Http/Controllers/ProductController.php

#### resources/views/products/index.blade.php

```
@extends('layout')
@section('content')
  <div class="col-sm-8">
   <h2>Listagem de produtos
     <a href="{{ route('products.create') }}" class="btn btn-primary
float-right">Novo</a>
   </h2>
   <thead>
      ID
       Nome do produto
        
      </thead>
     @foreach($products as $product)
        {{ $product->id }}
        <strong>{{ $product->name }}</strong>
         {{ $product->short }}
        Exibir
        Editar
        Eliminar
       @endforeach
     {!! $products->render() !!}
  </div>
  <div class="col-sm-4">
   Mensagem
  </div>
@endsection
```



71	<b>Corporis eum quis.</b> Delectus et et et. Quia repellat corrupti velit vel veniam soluta est. Illum dicta enim eos ut eos.	Exibir	Editar	Eliminar
70	Animi nesciunt. Rerum sapiente amet culpa laudantium qui. Aut cum qui omnis architecto asperiores. Laboriosam tempore iste eum et in ut tenetur.	Exibir	Editar	Eliminar
69	<b>Iusto eos.</b> Earum officia pariatur quo ut quis consectetur enim. Optio illo error fugiat amet. Eum ab odio maxime quasi sed aut quia inventore.	Exibir	Editar	Eliminar
68	<b>Aut quasi voluptas.</b> Sint totam quis debitis magnam. Natus aliquam ipsum assumenda quos voluptatum. Quae rerum eligendi ut a.	Exibir	Editar	Eliminar
67	<b>Culpa qui.</b> Error sit dolore facilis qui voluptas vel sed. Qui illum veniam laborum. Voluptate doloribus non id et et a.	Exibir	Editar	Eliminar
66	<b>Magnam quos.</b> Debitis saepe a consequuntur aut. Voluptas reiciendis est illo cum eligendi.	Exibir	Editar	Eliminar
<	1 2 3 4 5 6 >			

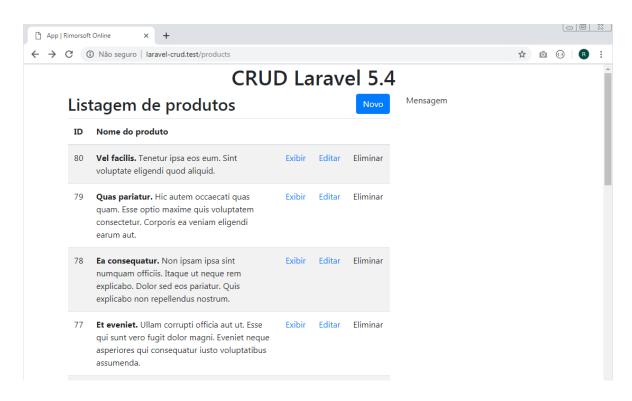
### Aula 7 - Letra R de CRUD

#### resources/views/products/index.blade.php

```
@extends('layout')
@section('content')
  <div class="col-sm-8">
    <h2>Listagem de produtos
     <a href="{{ route('products.create') }}" class="btn btn-primary float-
right">Novo</a>
    </h2>
    <thead>
       ID
        Nome do produto
         
       </thead>
     @foreach($products as $product)
          {{ $product->id }}
           <strong>{{ $product->name }}</strong>
           {{ $product->short }}
          <a href="{{ route('products.show', $product->id)}
}}">Exibir</a>
          <a href="{{ route('products.edit', $product->id)}
}}">Editar</a>
          Eliminar
        @endforeach
     {!! $products->render() !!}
  </div>
  <div class="col-sm-4">
    Mensagem
  </div>
@endsection
```

#### Http/Controllers/ProductController.php

#### resources/views/products/show.blade.php





commodi debitis blanditiis consequatur. Provident harum tenetur aspernatur facilis.

Temporibus laborum repellendus consequatur necessitatibus.

#### Aula 8 - Letra D de CRUD

#### resources/views/products/index.blade.php

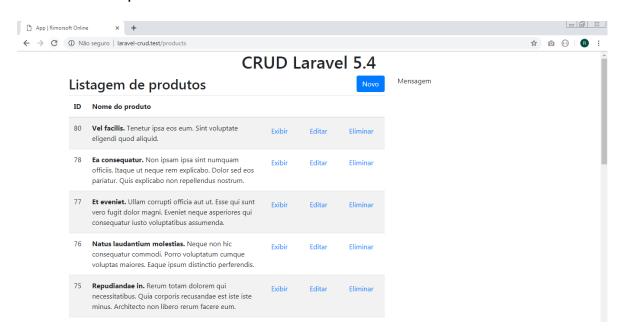
```
@extends('layout')
@section('content')
   <div class="col-sm-8">
    <h2>Listagem de produtos
      <a href="{{ route('products.create') }}" class="btn btn-primary float-
right">Novo</a>
    </h2>
    <thead>
       ID
         Nome do produto
          
       </thead>
      @foreach($products as $product)
         {{ $product->id }}
            <strong>{{ $product->name }}</strong>
            {{ $product->short }}
          <a href="{{ route('products.show', $product->id) }}"
class="btn btn-link">Exibir</a>
          <a href="{{ route('products.edit', $product->id) }}" class="btn
btn-link">Editar</a>
          <form action="{{ route('products.destroy', $product->id) }}"
method="POST">
             {{ csrf_field() }}
             <input type="hidden" name="_method" value="DELETE">
              <button class="btn btn-link">Eliminar</button>
            </form>
          @endforeach
      {!! $products->render() !!}
   </div>
```

```
<div class="col-sm-4">
    Mensagem
  </div>
@endsection
```

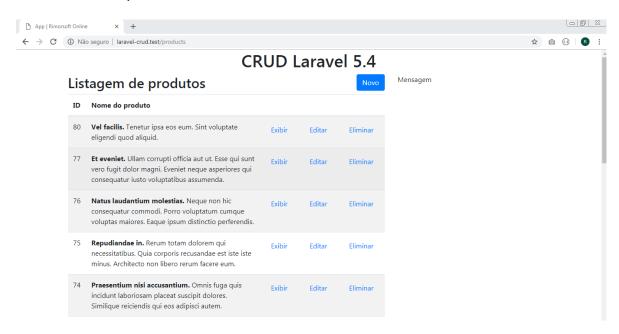
#### Http/Controllers/ProductController.php

```
<?php
namespace App\Http\Controllers;
use Illuminate\Http\Request;
use App\Product;
class ProductController extends Controller
  public function index(){
    $products = Product::orderBy('id','DESC')->paginate();
    return view('products.index',compact('products'));
  public function show($id){
    $product = Product::find($id);
    return view('products.show',compact('product'));
  }
  public function destroy($id){
    $product = Product::find($id);
    $product->delete();
   return back()->with('info','O produto foi eliminado!');
}
```

#### Eliminando o produto de id 79:



#### Eliminando o produto de id 78:



# **Aula 9 - Templates e Parciais**

#### resources/views/products/fragment/info.blade.php

#### resources/views/products/fragment/aside.blade.php

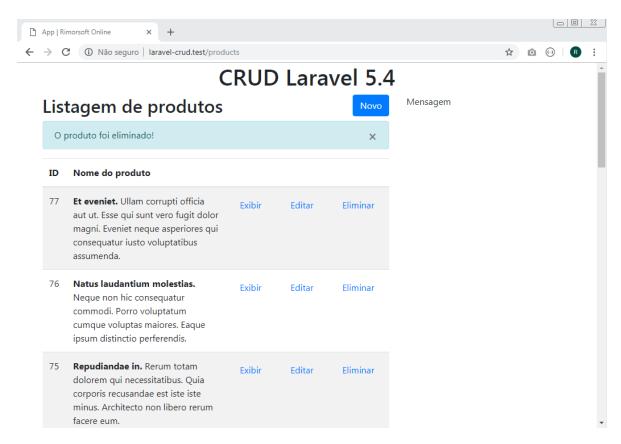
```
  Aqui podemos criar, eliminar, listar e editar os produtos...
```

#### resources/views/products/show.blade.php

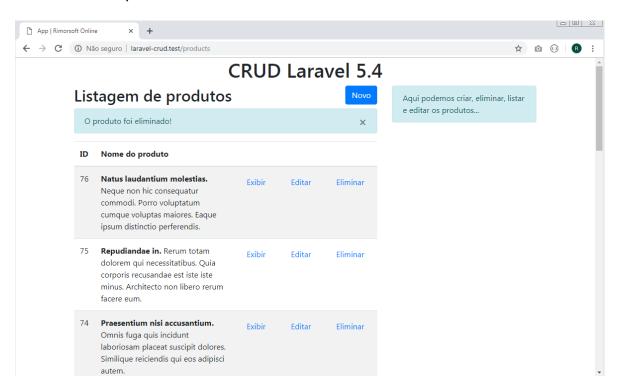
#### resources/views/products/index.blade.php

```
@extends('layout')
@section('content')
   <div class="col-sm-8">
     <h2>Listagem de produtos
      <a href="{{ route('products.create') }}" class="btn btn-primary float-
right">Novo</a>
     </h2>
     @include('products.fragment.info')
     <thead>
        ID
          Nome do produto
           
        </thead>
      @foreach($products as $product)
           {{ $product->id }}
             <strong>{{ $product->name }}</strong>
             {{ $product->short }}
           <a href="{{ route('products.show', $product->id) }}" class="btn
btn-link">Exibir</a>
           <a href="{{ route('products.edit', $product->id) }}" class="btn
btn-link">Editar</a>
           <form action="{{ route('products.destroy', $product->id) }}"
method="POST">
              {{ csrf_field() }}
               <input type="hidden" name="_method" value="DELETE">
               <button class="btn btn-link">Eliminar</button>
             </form>
           @endforeach
      {!! $products->render() !!}
   </div>
   <div class="col-sm-4">
     @include('products.fragment.aside')
   </div>
@endsection
```

#### Eliminando o produto de id 80:



#### Eliminando o produto de id 77:



# Aula 10 - Vistas, Edit e Create em Laravel

#### Instalação do Laravel Collective

https://blog.especializati.com.br/como-utilizar-o-pacote-laravel-collective-form/

Vamos utilizar a versão 5.5 do laravel que não precisa registrar providers e aliases, este processo é feito automaticamente pelo novo recurso desta versão chamado Auto-Discovery

Rode este comando:

composer require "laravelcollective/html": "^5.5.0"

```
C:\laragon\www\laravel-crud

\lambda composer require "laravelcollective/html":"^5.5.0"
./composer.json has been updated
Loading composer repositories with package information
Updating dependencies (including require-dev)
Package operations: 1 install, 0 updates, 0 removals
- Installing laravelcollective/html (v5.6.10): Loading from cache
Writing lock file
Generating optimized autoload files
> Illuminate\Foundation\ComposerScripts::postAutoloadDump
> @php artisan package:discover
Discovered Package: fideloper/proxy
Discovered Package: laravel/tinker
Discovered Package: laravelcollective/html
Discovered Package: nunomaduro/collision
Package manifest generated successfully.

C:\laragon\www\laravel-crud
\lambda
```

Aguarde o composer terminar o download do pacote ele vai registrar a dependência no arquivo composer.json em require:

"laravelcollective/html": "^5.5.0"

#### composer.json

```
{
  "name": "laravel/laravel",
  "description": "The Laravel Framework.",
  "keywords": ["framework", "laravel"],
  "license": "MIT",
  "type": "project",
  "require": {
      "php": "^7.1.3",
      "fideloper/proxy": "^4.0",
      "laravel/framework": "5.6.*",
      "laravel/tinker": "^1.0",
      "laravelcollective/html": "^5.5.0"
  },
  .
  .
}
```

#### config/app.php

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

#### resources/views/products/edit.blade.php

```
@extends('layout')
@section('content')
   <div class="col-sm-8">
     <h2>
       Editar produto
       <a href="{{ route('products.index') }}" class="btn btn-primary
float-right">Listagem</a>
     </h2>
     {!! Form::model($product, ['route' => ['products.update', $product-
>id], 'method' => 'PUT']) !!}
     @include('products.fragment.form')
     {!! Form::close() !!}
   </div>
   <div class="col-sm-4">
     @include('products.fragment.aside')
   </div>
@endsection
resources/views/products/create.blade.php
```

```
@extends('layout')
@section('content')
   <div class="col-sm-8">
     <h2>
       Novo produto
       <a href="{{ route('products.create') }}" class="btn btn-primary
float-right">Listagem</a>
     </h2>
     {!! Form::open(['route' => 'products.store']) !!}
     @include('products.fragment.form')
     {!! Form::close()!!}
   </div>
   <div class="col-sm-4">
     @include('products.fragment.aside')
   </div>
@endsection
```

#### resources/views/products/fragment/form.blade.php

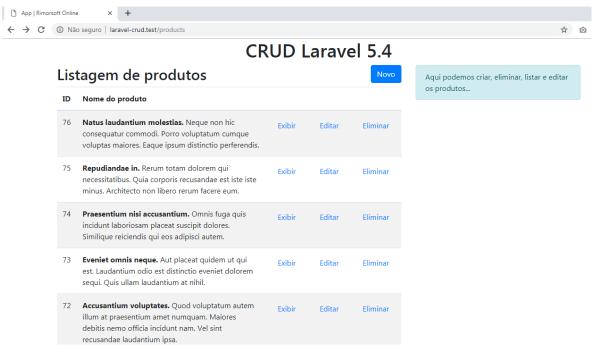
```
<div class="form-group">
 {!! Form::label('name', 'Nome do produto') !!}
 {!! Form::text('name', null, ['class'=>'form-control'] ) !!}
</div>
<div class="form-group">
 {!! Form::label('short', 'Descrição breve do produto') !!}
 {!! Form::text('short', null, ['class'=>'form-control'] ) !!}
</div>
<div class="form-group">
 {!! Form::label('body', 'Descrição do produto') !!}
 {!! Form::textarea('body', null, ['class'=>'form-control'] ) !!}
</div>
<div class="form-group">
 {!! Form::submit('ENVIAR', null, ['class'=>'btn btn-primary'] ) !!}
</div>
Http/Controllers/ProductController.php
<?php
```

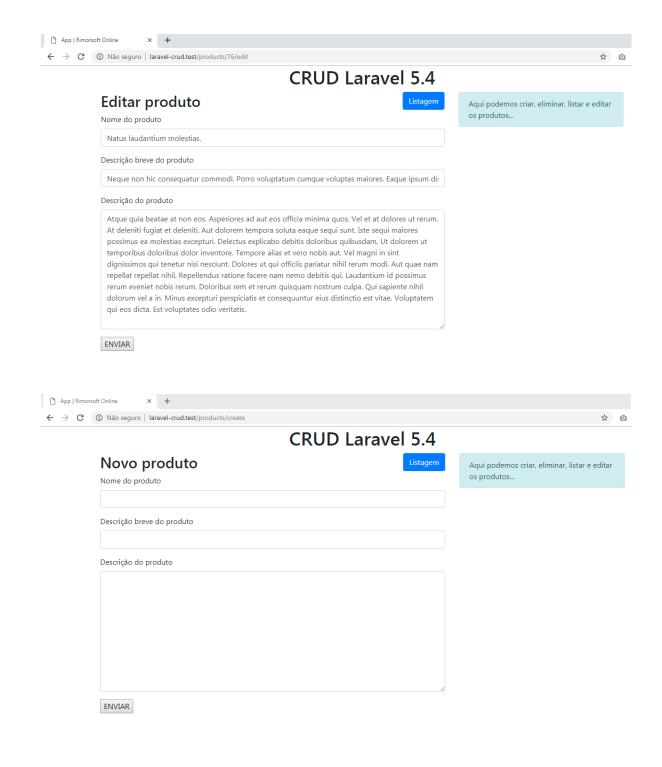
```
namespace App\Http\Controllers;
use Illuminate\Http\Request;
use App\Product;
class ProductController extends Controller
  public function index(){
   $products = Product::orderBy('id','DESC')->paginate();
   return view('products.index',compact('products'));
  public function create(){
     return view('products.create');
  }
  public function edit($id){
     $product = Product::find($id);
     return view('products.edit', compact('product'));
```

```
public function show($id){
    $product = Product::find($id);
    return view('products.show', compact('product'));
}

public function destroy($id){
    $product = Product::find($id);
    $product->delete();

    return back()->with('info','O produto foi eliminado!');
}
```





# Aula 11 - Validação (Form Requests)

## **Criando um Request**

php artisan make:request ProductRequest

```
C:\laragon\www\laravel-crud
λ php artisan make:request ProductRequest
Request created successfully.
C:\laragon\www\laravel-crud
λ
```

#### app/Http/Requests/ProductRequest.php

#### Http/Controllers/ProductController.php

```
<?php
namespace App\Http\Controllers;
use Illuminate\Http\Request;
use App\Product;
use App\Http\Requests\ProductRequest;
class ProductController extends Controller
{
  public function index(){
   $products = Product::orderBy('id','DESC')->paginate();
   return view('products.index',compact('products'));
  }
  public function create(){
     return view('products.create');
  public function store(ProductRequest $request){
     return 'Produto gravado!';
  public function edit($id){
     $product = Product::find($id);
     return view('products.edit', compact('product'));
  }
  public function update(ProductRequest $request, $id){
     return 'Produto atualizado ' . $id;
  public function show($id){
   $product = Product::find($id);
   return view('products.show', compact('product'));
   }
  public function destroy($id){
   $product = Product::find($id);
   $product->delete();
   return back()->with('info','O produto foi eliminado!');
}
```

#### resources/views/products/fragment/error.blade.php

#### resources/views/products/create.blade.php

```
@extends('layout')
@section('content')
   <div class="col-sm-8">
     <h2>
       Novo produto
       <a href="{{ route('products.create') }}" class="btn btn-primary
float-right">Listagem</a>
     </h2>
     @include('products.fragment.error')
     {!! Form::open(['route' => 'products.store']) !!}
     @include('products.fragment.form')
     {!! Form::close() !!}
   </div>
   <div class="col-sm-4">
     @include('products.fragment.aside')
   </div>
@endsection
```

#### resources/views/products/edit.blade.php

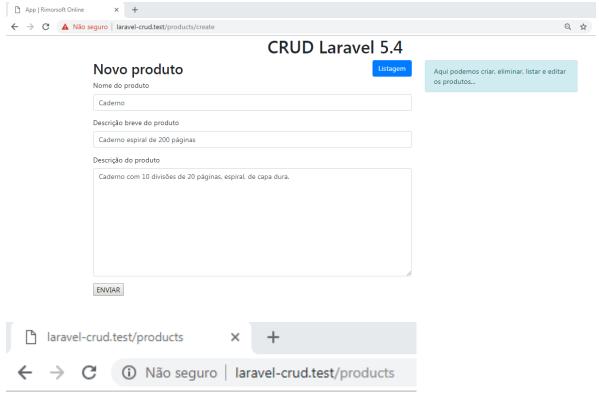
```
@extends('layout')
@section('content')
     <div class="col-sm-8">
       <h2>
          Editar produto
          <a href="{{ route('products.index') }}" class="btn btn-primary
float-right">Listagem</a>
       </h2>
       @include('products.fragment.error')
       {!! Form::model($product, ['route' => ['products.update', $product-
>id], 'method' => 'PUT']) !!}
       @include('products.fragment.form')
       {!! Form::close() !!}
     </div>
     <div class="col-sm-4">
       @include('products.fragment.aside')
     </div>
@endsection
App | Rimorsoft Online
                  × +
 \leftarrow \rightarrow \sim \sim 0 Não seguro | laravel-crud.test/products/create
                                           CRUD Laravel 5.4
              Novo produto
                                                                      Aqui podemos criar, eliminar, listar e editar

    The name field is required.

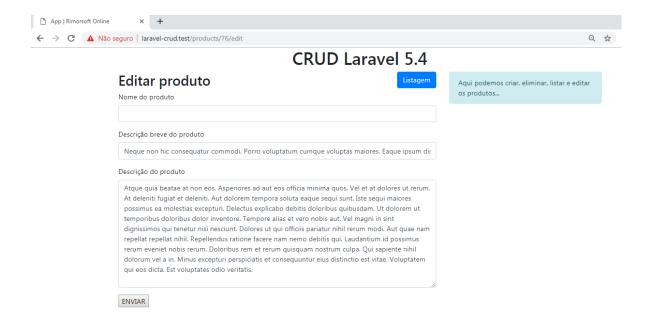
                 . The short field is required.

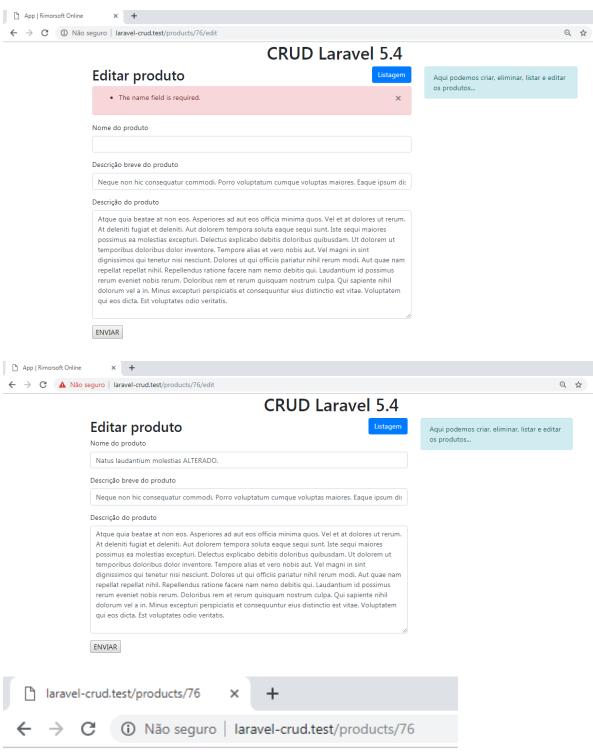
    The body field is required.

              Nome do produto
              Descrição breve do produto
              Descrição do produto
              ENVIAR
```



#### Produto gravado!





Produto atualizado 76

#### Aula 12 - Letra C e U de CRUD

#### Http/Controllers/ProductController.php

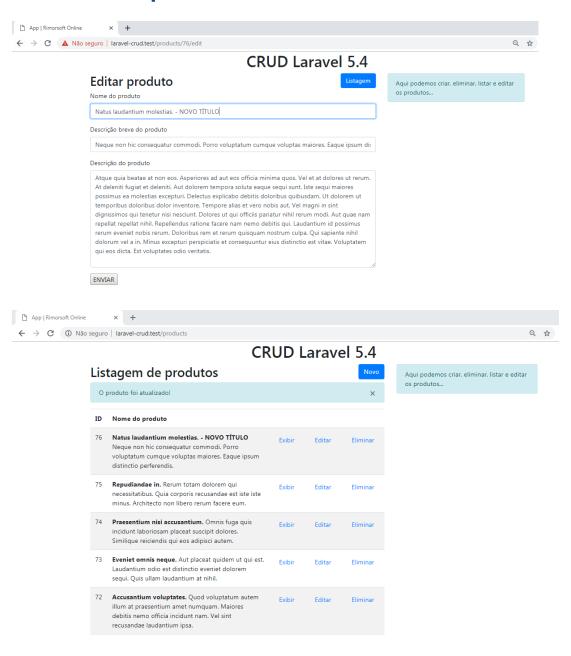
```
<?php
namespace App\Http\Controllers;
use Illuminate\Http\Request;
use App\Product;
use App\Http\Requests\ProductRequest;
class ProductController extends Controller
  public function index(){
    $products = Product::orderBy('id','DESC')->paginate();
    return view('products.index',compact('products'));
  }
  public function create(){
     return view('products.create');
  public function store(ProductRequest $request){
     $product = new Product;
     $product -> name = $request -> name;
     $product -> short = $request -> short;
     $product -> body = $request -> body;
     $product -> save();
     return redirect() -> route('products.index')
     -> with('info','O produto foi gravado!');
  public function edit($id){
     $product = Product::find($id);
     return view('products.edit', compact('product'));
  }
  public function update(ProductRequest $request, $id){
     $product = Product::find($id);
     $product -> name = $request -> name;
     $product -> short = $request -> short;
     $product -> body = $request -> body;
     $product -> save();
     return redirect() -> route('products.index')
     -> with('info','O produto foi atualizado!');
```

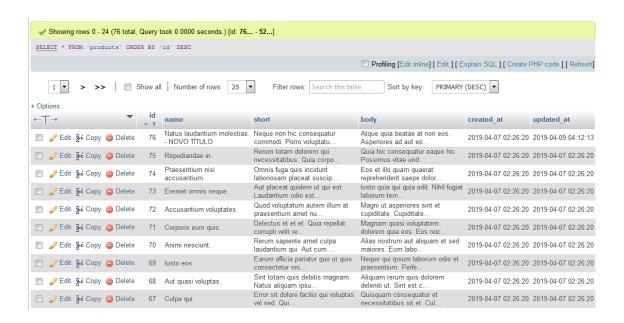
```
public function show($id){
    $product = Product::find($id);
    return view('products.show', compact('product'));
}

public function destroy($id){
    $product = Product::find($id);
    $product->delete();

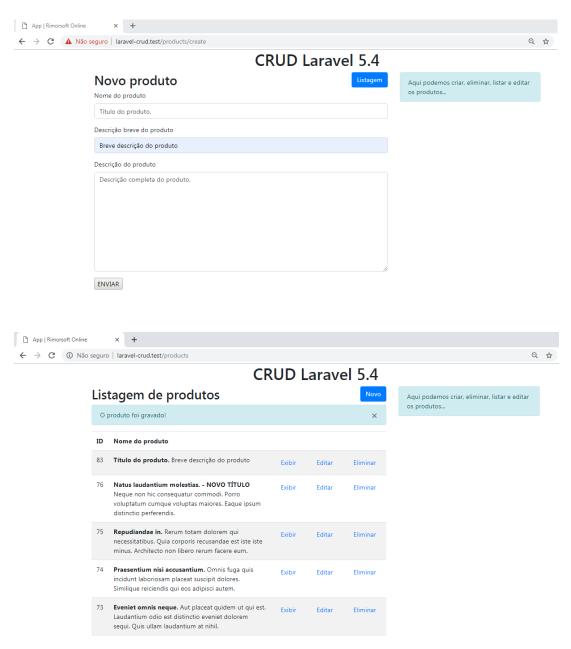
    return back()->with('info','O produto foi eliminado!');
    }
}
```

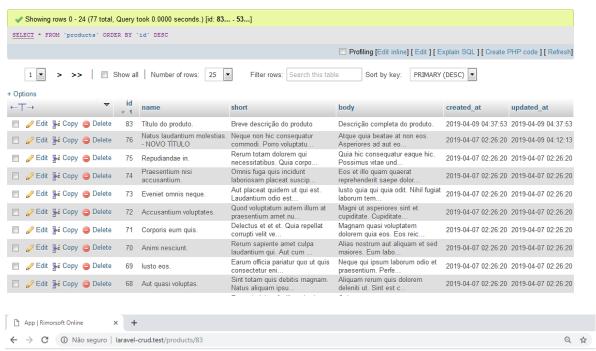
#### Editando um produto





# **Cadastrando um produto**





#### **CRUD Laravel 5.4**

#### Título do produto.

Breve descrição do produto

Descrição completa do produto.

Editar

Aqui podemos criar, eliminar, listar e editar os produtos...

# Aula 13 - Componente de tradução em Laravel

No arquivo config/app.php, alterar: 'locale' => 'en', por: 'locale' => 'pt-BR', Acesse a URL: https://github.com/italomoralesf/Laravel-lang insira a pasta pt-BR em resources/lang No arquivo validation.php inserir: 'attributes' => [ 'name' => 'Nome do produto', 'short' => 'Descrição breve do produto', 'body' => 'Descrição do produto' ], App | Rimorsoft Online  $\leftarrow$   $\rightarrow$   $\sim$   $\sim$  Não seguro | laravel-crud.test/products/create Q & **CRUD Laravel 5.4** Novo produto Aqui podemos criar, eliminar, listar e editar os produtos... É obrigatória a indicação de um valor para o campo Descrição breve do produto.
 É obrigatória a indicação de um valor para o campo Descrição do produto. Nome do produto Descrição breve do produto Descrição do produto ENVIAR