

INSTITUTO FEDERAL DE SÃO PAULO – CAMPUS GUARULHOS

Discente: Jhennerson Barbosa da Silva

Disciplina: Linguagem de Programação II

Docente: Prof.^a. Reginaldo do Prado

Projeto 1 Site Institucional com Laravel 9 e MDB

Sites brasileiros

<https://selbetti.com.br/blog/>

<https://solivetti.com.br/locacao-outsourcing/>

<https://simpres.com.br/>

<https://importinvest.com.br/>

<https://www.goldendistribuidora.com.br/>

Sites internacionais

<https://www.ggoffice.com/services-solutions>

<https://acecopyinc.com>

<https://centrexservices.co.uk>

<https://www.ideaufficiopoint.it>

<https://www.clickserv.ro>

Repositório do Bitbucket:

<https://bitbucket.org/jhennerson/assistencia/src/master/>

Foram incluídos itens necessários para divulgação de serviço técnico como a demonstração dos produtos, marcas e modelos trabalhados, os maiores clientes e algumas de suas opiniões a respeito da empresa que fazem muita diferença na hora de fechar contratos de locação. O *carousel* é um item quase obrigatório em qualquer homepage atualmente assim como o mapa de localização do Google, não poderia deixar de usá-los assim como os cards dos produtos que foram bem reutilizados no projeto. Não menos importante as informações de valores da empresa que estão em todos os sites para dar ao cliente uma visão geral daquilo que a empresa busca e como isso pode ser benéfico para ambos os lados.

Banco de dados do site

Nome do schema: db_astec

Tabelas:

users	products	comments
Armazena as informações dos usuários do site.	Armazena as informações dos produtos da loja.	Armazena os comentários dos clientes à respeito da empresa.

As tabelas do banco foi criado através de migrations utilizando a ORM Eloquent do Laravel.

The screenshot shows an IDE with a file explorer on the left and a code editor on the right. The file explorer shows the project structure, including the 'migrations' folder. The code editor displays the content of the file '2022_10_29_140937_create_products_table.php'. The code is a Laravel migration that extends the 'Migration' class and implements the 'up()' method. In the 'up()' method, the 'Schema::create()' method is used to create the 'products' table with columns: 'id' (primary key), 'name', 'manufacturer', 'description', 'image' (nullable), and 'timestamps'.

```
1 <?php
2
3 use Illuminate\Database\Migrations\Migration;
4 use Illuminate\Database\Schema\Blueprint;
5 use Illuminate\Support\Facades\Schema;
6
7 You, há 3 dias | 1 author (You)
8 return new class extends Migration
9 {
10     /**
11      * Run the migrations.
12      * @return void
13      */
14     public function up()
15     {
16         Schema::create('products', function (Blueprint $table) {
17             $table->id();
18             $table->string('name');
19             $table->string('manufacturer');
20             $table->text('description');
21             $table->string('image')->nullable();
22             $table->timestamps();
23         });
24     }
25 }
```

Foram gerados seeders para os usuários, produtos e comentários e também factories para geração dos dados automaticamente.
































































The screenshot shows an IDE with a file explorer on the left and a code editor on the right. The file explorer shows the project structure, including the 'seeders' folder. The code editor displays the content of the file 'UserSeeder.php'. The code is a Laravel seeder that extends the 'Seeder' class and implements the 'run()' method. In the 'run()' method, the 'User::factory()' method is used to create 11 user records.

```
1 You, há 3 dias | 1 author (You)
2 <?php
3 namespace Database\Seeders;
4 use Illuminate\Database\Console\Seeds\WithoutModelEvents;
5 use Illuminate\Database\Seeder;
6 use App\Models\User;
7
8 You, há 3 dias | 1 author (You)
9 class UserSeeder extends Seeder
10 {
11     /**
12      * Run the database seeds.
13      * @return void
14      */
15     public function run()
16     {
17         User::factory(11)->create();
18     }
19 }
20
```

users

	#	Nome	Tipo	Agrupamento (Collation)	Atributos	Nulo	Predefinido	Comentários	Extra
<input type="checkbox"/>	1	id 🔑	bigint(20)		UNSIGNED	Não	Nenhum		AUTO_INCREMENT
<input type="checkbox"/>	2	first_name	varchar(255)	utf8mb4_unicode_ci		Não	Nenhum		
<input type="checkbox"/>	3	last_name	varchar(255)	utf8mb4_unicode_ci		Não	Nenhum		
<input type="checkbox"/>	4	email 🔑	varchar(255)	utf8mb4_unicode_ci		Não	Nenhum		
<input type="checkbox"/>	5	cpf 🔑	bigint(20)			Não	Nenhum		
<input type="checkbox"/>	6	phone 🔑	bigint(20)			Não	Nenhum		
<input type="checkbox"/>	7	created_at	timestamp			Sim	NULL		
<input type="checkbox"/>	8	updated_at	timestamp			Sim	NULL		


products

			id	name	manufacturer	description	image	created_at	updated_at	
<input type="checkbox"/>	 Editar	 Copiar	 Apagar	1	GYZ-8021	Canon	Et unde est in laudantium impedit eligendi beatae.	___8c6e0dca58b658e3a9ce4280ee76a604.png	2022-10-31 00:45:14	2022-10-31 00:45:14
<input type="checkbox"/>	 Editar	 Copiar	 Apagar	2	ZZR-0225	Konica Minolta	Dicta commodi dignissimos sed quo ut minima asperi...	___8c6e0dca58b658e3a9ce4280ee76a604.png	2022-10-31 00:45:14	2022-10-31 00:45:14
<input type="checkbox"/>	 Editar	 Copiar	 Apagar	3	ZCG-8080	Epson	Voluptates soluta occaecati velit voluptatem ut om...	___8c6e0dca58b658e3a9ce4280ee76a604.png	2022-10-31 00:45:14	2022-10-31 00:45:14
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<input type="checkbox"/>	 Editar	 Copiar	 Apagar	5	AHC-8978	Canon	Saepe quam velit iure repudiandae et quae.	___8c6e0dca58b658e3a9ce4280ee76a604.png	2022-10-31 00:45:14	2022-10-31 00:45:14
<input type="checkbox"/>	 Editar	 Copiar	 Apagar	6	KEW-2483	Okidata	Aut eius qui eum.	___8c6e0dca58b658e3a9ce4280ee76a604.png	2022-10-31 00:45:14	2022-10-31 00:45:14
<input type="checkbox"/>	 Editar	 Copiar	 Apagar	7	MPS-2759	Kyocera	Quidem beatae unde dolores modi culpa natus omnis.	___8c6e0dca58b658e3a9ce4280ee76a604.png	2022-10-31 00:45:14	2022-10-31 00:45:14
<input type="checkbox"/>	 Editar	 Copiar	 Apagar	8	HCO-9322	Konica Minolta	Saepe vero non distinctio provident.	___8c6e0dca58b658e3a9ce4280ee76a604.png	2022-10-31 00:45:14	2022-10-31 00:45:14
<input type="checkbox"/>	 Editar	 Copiar	 Apagar	9	MTG-9078	Konica Minolta	Sit aliquam a eius eius quibusdam.	___8c6e0dca58b658e3a9ce4280ee76a604.png	2022-10-31 00:45:14	2022-10-31 00:45:14
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<input type="checkbox"/>	 Editar	 Copiar	 Apagar	12	OAD-8553	Okidata	Sed est ad odit quia nisi inventore sed.	___8c6e0dca58b658e3a9ce4280ee76a604.png	2022-10-31 00:45:14	2022-10-31 00:45:14
<input type="checkbox"/>	 Editar	 Copiar	 Apagar	13	IBJ-9485	Brother	Quia nihil quis minima aut animi voluptatem omnis.	___8c6e0dca58b658e3a9ce4280ee76a604.png	2022-10-31 00:45:14	2022-10-31 00:45:14
<input type="checkbox"/>	 Editar	 Copiar	 Apagar	14	VNC-7863	Brother	Vel aut est nulla.	___8c6e0dca58b658e3a9ce4280ee76a604.png	2022-10-31 00:45:14	2022-10-31 00:45:14
<input type="checkbox"/>	 Editar	 Copiar	 Apagar	15	OMD-1839	Okidata	Voluptates non et quidem sit ratione animi necessi...	___8c6e0dca58b658e3a9ce4280ee76a604.png	2022-10-31 00:45:14	2022-10-31 00:45:14
<input type="checkbox"/>	 Editar	 Copiar	 Apagar	16	VUW-2138	Konica Minolta	Repellat assumenda aliquam blanditiis quisquam et ...	___8c6e0dca58b658e3a9ce4280ee76a604.png	2022-10-31 00:45:14	2022-10-31 00:45:14
<input type="checkbox"/>	 Editar	 Copiar	 Apagar	17	MKU-7707	Kyocera	Quo fuga ipsam beatae iusto veniam qui rem.	___8c6e0dca58b658e3a9ce4280ee76a604.png	2022-10-31 00:45:14	2022-10-31 00:45:14
<input type="checkbox"/>	 Editar	 Copiar	 Apagar	18	AQP-2137	Konica Minolta	Tempora rerum et perspiciatis cupiditate et except...	___8c6e0dca58b658e3a9ce4280ee76a604.png	2022-10-31 00:45:14	2022-10-31 00:45:14
<input type="checkbox"/>	 Editar	 Copiar	 Apagar	19	JVT-8043	Kyocera	Sunt maxime sit ratione aut quasi autem a commodi.	___8c6e0dca58b658e3a9ce4280ee76a604.png	2022-10-31 00:45:14	2022-10-31 00:45:14
<input type="checkbox"/>	 Editar	 Copiar	 Apagar	20	UPE-0889	Canon	Dolorum neque temporibus ducimus esse eaque.	___8c6e0dca58b658e3a9ce4280ee76a604.png	2022-10-31 00:45:14	2022-10-31 00:45:14
<input type="checkbox"/>	 Editar	 Copiar	 Apagar	21	HZK-2677	Okidata	Mollitia et velit animi excepturi iure molestiae s...	___8c6e0dca58b658e3a9ce4280ee76a604.png	2022-10-31 00:45:14	2022-10-31 00:45:14
<input type="checkbox"/>	Editar	Copiar	Apagar	22	FMH-7445	Okidata	Eos ut rerum molestias ea ut exercitationem.	___8c6e0dca58b658e3a9ce4280ee76a604.png	2022-10-31 00:45:14	2022-10-31 00:45:14
<input type="checkbox"/>	Editar	Copiar	Apagar	23	LDE-1334	Okidata	Voluptatem quis necessitatibus soluta repudiandae.	___8c6e0dca58b658e3a9ce4280ee76a604.png	2022-10-31 00:45:14	2022-10-31 00:45:14

comments

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Página de cadastro de usuários



Home Empresa Serviços Loja Virtual Clientes Contato Entrar

Cadastrar

E-mail

Senha (mín. 8 caracteres)

Confirmar senha

Nome

Sobrenome

CPF

Telefone

Opcional

CADASTRAR

Ao clicar em *Cadastrar* está de acordo com os [termos de serviço](#)

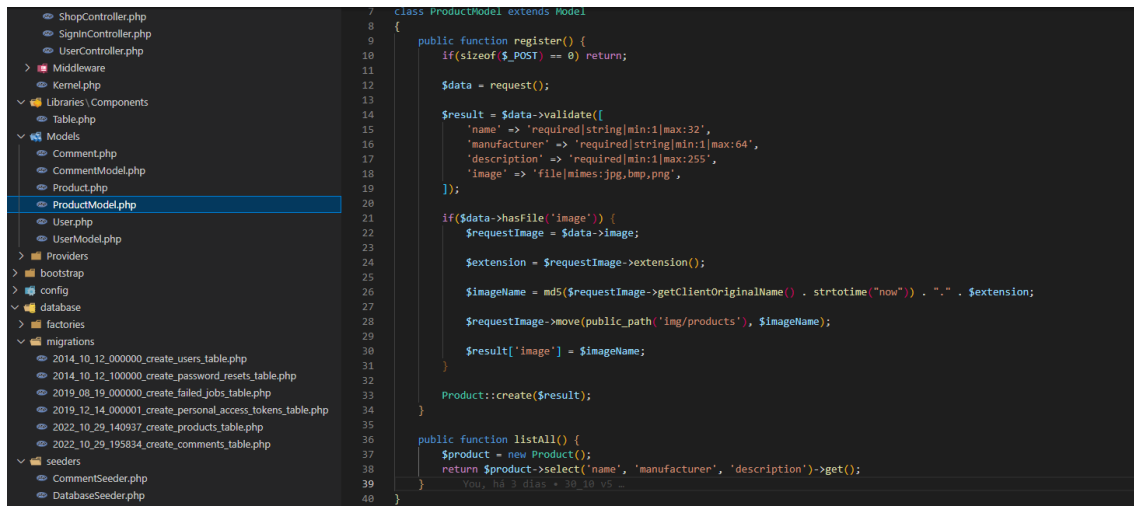
Página de cadastro de produtos



Cadastrar produto

Imagem:
 Nenhum...escolhido

É possível anexar uma imagem ao produto, ao adicionar a imagem tem seu nome criptografado em MD5 e o nome é adicionado ao caminho relativo na view.



```

<div class="col-sm mb-4">
  <div class="card h-100 overlay zoom">
    
    <div class="card-body d-flex flex-column">
      <h5 class="card-title cyan-text h5">{{ $manufacturer ?? 'Fabricante'}}</h5>
      <h5 class="card-title cyan-text h4">{{ $name ?? 'Nome do Produto'}}</h5>
      <p class="card-text">
        {{ $description ?? 'Descrição'}}
      </p>
      <a href="#" class="btn btn-lg btn-block btn-primary mt-auto #ffc400 amber accent-3 accent-4">Solicitar orçamento</a>
    </div>
  </div>
</div>

```

A página de clientes contém um blog post de comentários dos clientes, o intuito é que seja possível adicionar comentários na própria página quando o usuário estiver logado.

Testes

Foram incluídos os testes unitários e testes ponta a ponta para usuários e produtos do site, estas páginas não são acessíveis via botões pois ainda há necessidade de implementação do sistema de login e controle de visibilidade por tipo de usuário (comum/admin), este sistema será implementado como melhoria futura já que não faz parte dos requisitos do projeto.

Teste de visita de páginas

```

Arquivo  Editar  Seleção  Ver  Acessar  Executar  Terminal  Ajuda  VisitPageTest.php - astec - Visual Studio Code

EXPLORADOR
  ASTEC
    produtos.blade.php
    servicios.blade.php
    usuarios.blade.php
    welcome.blade.php
    routes
    storage
    tests
      Browser
        Components
        console
        Pages
          CadastroProdutoPage.php
          CadastroUsuarioPage.php
          ClientesPage.php
          ContatoPage.php
          EmpresaPage.php
          EntrarPage.php
          HomePage.php
          LojaPage.php
          Page.php
          ProductosDeletePage.php
          ProductosEditPage.php
          ProductosPage.php
          ServiciosPage.php
          UsuariosDeletePage.php
          UsuariosEditPage.php
          UsuariosPage.php
        screenshots
        source
          .gitignore
          ExampleTest.php
          ProductCrudTest.php
          UserCrudTest.php
          VisitPageTest.php
      Feature

tests > Browser > VisitPageTest.php > VisitPageTest > testVisitPage
You, há 33 minutos | 1 author (You)
1  <?php
2
3  namespace Tests\Browser;
4
5  use Illuminate\Foundation\Testing\DatabaseMigrations;
6  use Tests\Browser\Pages\HomePage;
7  use Tests\Browser\Pages\EmpresaPage;
8  use Tests\Browser\Pages\ServiciosPage;
9  use Tests\Browser\Pages\LojaPage;
10 use Tests\Browser\Pages\ClientesPage;
11 use Tests\Browser\Pages\ContatoPage;
12 use Tests\Browser\Pages\EntrarPage;
13 use Laravel\Dusk\Browser;
14 use Tests\DuskTestCase;
15
16 You, há 33 minutos | 1 author (You)
17 class VisitPageTest extends DuskTestCase
18 {
19     /**
20      * A Dusk test example.
21      *
22      * @return void
23      */
24     public function testVisitPage()
25     {
26         $this->browse(function (Browser $browser) {
27             $browser->visit(new HomePage());
28             $browser->on(new EmpresaPage());
29             $browser->on(new ServiciosPage());
30             $browser->on(new LojaPage());
31             $browser->on(new ClientesPage());
32             $browser->on(new ContatoPage());
33             $browser->on(new EntrarPage());
34         });
35     }
36

```

```

class EmpresaPage extends Page
{
    /**
     * Get the URL for the page.
     *
     * @return string
     */
    public function url()
    {
        return '/empresa';
    }

    /**
     * Assert that the browser is on the page.
     *
     * @param Browser $browser
     * @return void
     */
    public function assert(Browser $browser)
    {
        $browser->assertPathIs($this->url('/empresa'))
            ->pause(1000)
            ->assertSee('Missão')
            ->pause(1000)
            ->click('@servicos')
            ->assertPathIs('/servicos')
            ->pause(1000);
    }
}

class ServicosPage extends Page
{
    /**
     * Get the URL for the page.
     *
     * @return string
     */
    public function url()
    {
        return '/servicos';
    }

    /**
     * Assert that the browser is on the page.
     *
     * @param Browser $browser
     * @return void
     */
    public function assert(Browser $browser)
    {
        $browser->assertPathIs($this->url('/servicos'))
            ->pause(1000)
            ->assertSee('Manutenção')
            ->pause(1000)
            ->click('@loja')
            ->assertPathIs('/loja')
            ->pause(1000);
    }
}

```

```

class LojaPage extends Page
{
    /**
     * Get the URL for the page.
     *
     * @return string
     */
    public function url()
    {
        return '/loja';
    }

    /**
     * Assert that the browser is on the page.
     *
     * @param Browser $browser
     * @return void
     */
    public function assert(Browser $browser)
    {
        $browser->assertPathIs($this->url('/loja'))
            ->pause(1000)
            ->assertSee('Multifuncionais')
            ->pause(1000)
            ->click('@clientes')
            ->assertPathIs('/clientes')
            ->pause(1000);
    }
}

```

```

class ClientesPage extends Page
{
    /**
     * Get the URL for the page.
     *
     * @return string
     */
    public function url()
    {
        return '/clientes';
    }

    /**
     * Assert that the browser is on the page.
     *
     * @param Browser $browser
     * @return void
     */
    public function assert(Browser $browser)
    {
        $browser->assertPathIs($this->url('/clientes'))
            ->pause(1000)
            ->assertSee('Nossos')
            ->pause(1000)
            ->click('@contato')
            ->assertPathIs('/contato')
            ->pause(1000);
    }
}

```



```

class ContatoPage extends Page
{
    /**
     * Get the URL for the page.
     *
     * @return string
     */
    public function url()
    {
        return '/contato';
    }

    /**
     * Assert that the browser is on the page.
     *
     * @param Browser $browser
     * @return void
     */
    public function assert(Browser $browser)
    {
        $browser->assertPathIs($this->url('/contato'))
            ->pause(1000)
            ->assertSee('Fale conosco')
            ->pause(1000)
            ->click('@entrar')
            ->assertPathIs('/entrar')
            ->pause(1000);
    }
}

```

You, há 40 minutos

```

class EntrarPage extends Page
{
    /**
     * Get the URL for the page.
     *
     * @return string
     */
    public function url()
    {
        return '/entrar';
    }

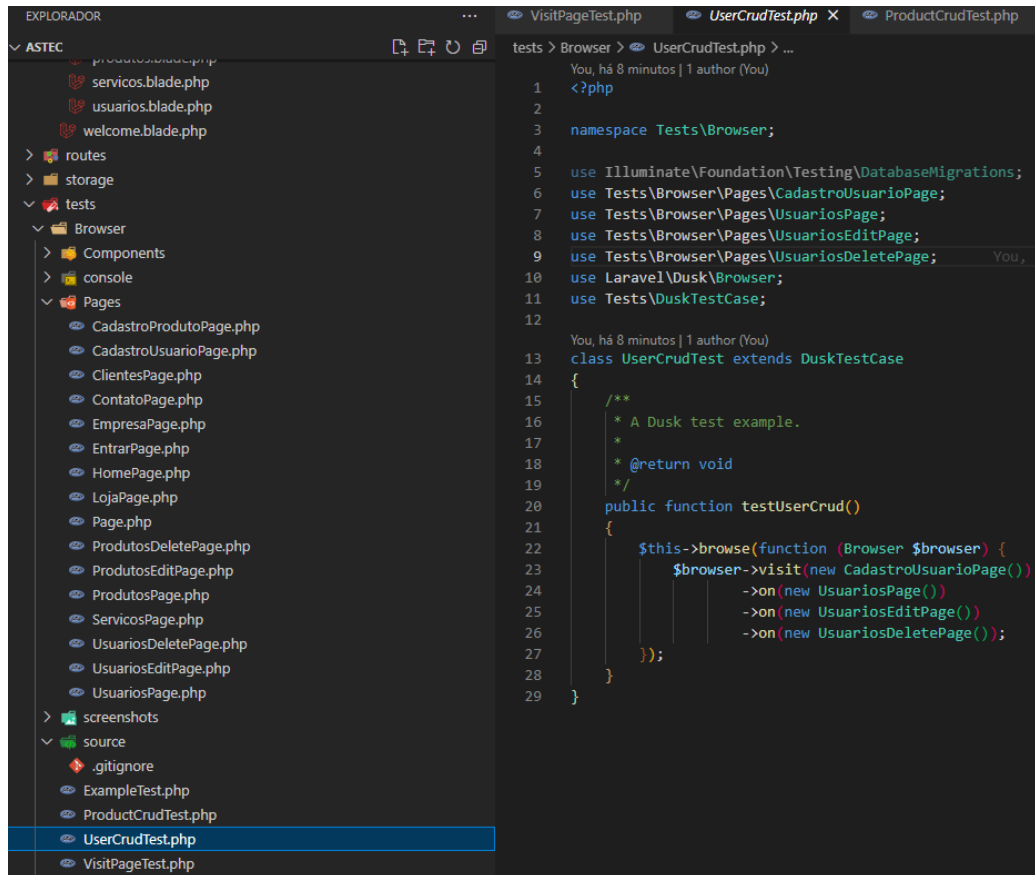
    /**
     * Assert that the browser is on the page.
     *
     * @param Browser $browser
     * @return void
     */
    public function assert(Browser $browser)
    {
        $browser->assertPathIs($this->url('/entrar'))
            ->pause(1000)
            ->assertSee('Registrar')
            ->pause(1000)
            ->click('@cadastro_usuario')
            ->assertPathIs('/cadastro-usuario')
            ->pause(1000);
    }
}

```

You, há 40 minutos

User Crud Test

Realiza cadastro, edição e remoção de usuário no sistema, visitando as páginas /usuarios, /cadastro-usuario e /usuarios/id/edit.



```
1 <?php
2
3 namespace Tests\Browser;
4
5 use Illuminate\Foundation\Testing\DatabaseMigrations;
6 use Tests\Browser\Pages\CadastroUsuarioPage;
7 use Tests\Browser\Pages\UsuariosPage;
8 use Tests\Browser\Pages\UsuariosEditPage;
9 use Tests\Browser\Pages\UsuariosDeletePage;
10 use Laravel\Dusk\Browser;
11 use Tests\DuskTestCase;
12
13 class UserCrudTest extends DuskTestCase
14 {
15     /**
16      * A Dusk test example.
17      *
18      * @return void
19      */
20     public function testUserCrud()
21     {
22         $this->browse(function (Browser $browser) {
23             $browser->visit(new CadastroUsuarioPage())
24                 ->on(new UsuariosPage())
25                 ->on(new UsuariosEditPage())
26                 ->on(new UsuariosDeletePage());
27         });
28     }
29 }
```

```

class UsuariosPage extends Page
{
    /**
     * Get the URL for the page.
     *
     * @return string
     */
    public function url()
    {
        return '/usuarios';
    }

    /**
     * Assert that the browser is on the page.
     *
     * @param Browser $browser
     * @return void
     */
    public function assert(Browser $browser)
    {
        $browser->assertPathIs($this->url('usuarios'))
            ->pause(1000)
            ->assertSee('ID')
            ->scrollIntoView('@footer')
            ->pause(4000)
            ->scrollIntoView('@edit1')
            ->pause(3000)
            ->click('@edit1')
            ->assertPathIs('/usuarios/1/edit')
            ->pause(1000);
    }
}

```

```

class UsuariosEditPage extends Page
{
    /**
     * Get the URL for the page.
     *
     * @return string
     */
    public function url()
    {
        return '/usuarios/1/edit';
    }

    /**
     * Assert that the browser is on the page.
     *
     * @param Browser $browser
     * @return void
     */
    public function assert(Browser $browser)
    {
        $browser->assertPathIs($this->url('/usuarios/1/edit'))
            ->pause(1000)
            ->assertSee('Editar Usuário')
            ->typeSlowly('@email', 'jhennerson@mail.com')
            ->typeSlowly('@password_1', '12345678')
            ->typeSlowly('@password_2', '12345678')
            ->click('@submit')
            ->pause(1000)
            ->visit('usuarios');
    }
}

```

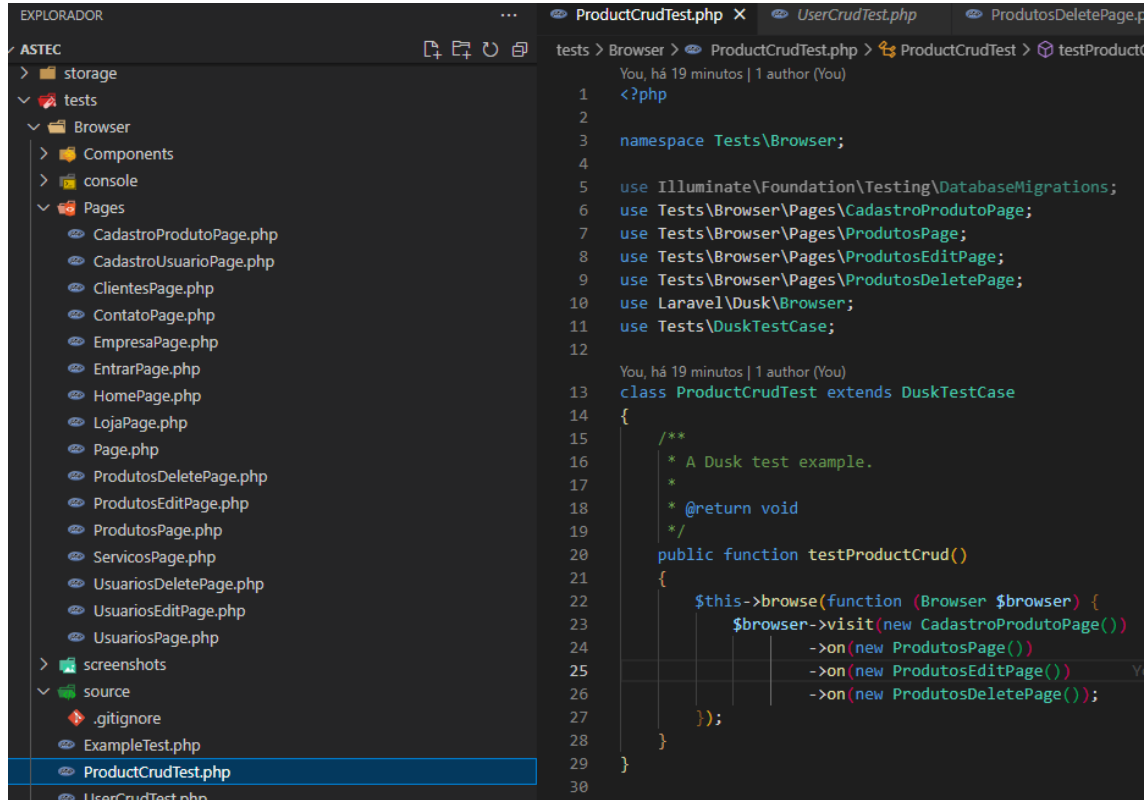
```
class UsuariosDeletePage extends Page
{
    /**
     * Get the URL for the page.
     *
     * @return string
     */
    public function url()
    {
        return '/usuarios';
    }

    /**
     * Assert that the browser is on the page.
     *
     * @param Browser $browser
     * @return void
     */
    public function assert(Browser $browser)
    {
        $browser->assertPathIs($this->url('/usuarios'))
            ->pause(1000)
            ->assertSee('jhennerson@mail.com')
            ->click('@delete1')
            ->pause(1000)
            ->visit('usuarios')
            ->assertDontSee('jhennerson@mail.com')
            ->pause(4000);
    }
}
```

You, há 13 minutos

Product Crud Test

Realiza cadastro, edição e remoção de produtos no sistema, visitando as páginas /produtos, /cadastro-produto e /produtos/id/edit.



```
EXPLORADOR
ASTEC
├── storage
├── tests
│   ├── Browser
│   │   ├── Components
│   │   ├── console
│   │   └── Pages
│   │       ├── CadastroProdutoPage.php
│   │       ├── CadastroUsuarioPage.php
│   │       ├── ClientesPage.php
│   │       ├── ContatoPage.php
│   │       ├── EmpresaPage.php
│   │       ├── EntrarPage.php
│   │       ├── HomePage.php
│   │       ├── LojaPage.php
│   │       ├── Page.php
│   │       ├── ProdutosDeletePage.php
│   │       ├── ProdutosEditPage.php
│   │       ├── ProdutosPage.php
│   │       ├── ServicosPage.php
│   │       ├── UsuariosDeletePage.php
│   │       ├── UsuariosEditPage.php
│   │       └── UsuariosPage.php
│   ├── screenshots
│   └── source
│       ├── .gitignore
│       ├── ExampleTest.php
│       └── ProductCrudTest.php
└── UserCrudTest.php

tests > Browser > ProductCrudTest.php > ProductCrudTest > testProductCrud

1  <?php
2
3  namespace Tests\Browser;
4
5  use Illuminate\Foundation\Testing\DatabaseMigrations;
6  use Tests\Browser\Pages\CadastroProdutoPage;
7  use Tests\Browser\Pages\ProdutosPage;
8  use Tests\Browser\Pages\ProdutosEditPage;
9  use Tests\Browser\Pages\ProdutosDeletePage;
10 use Laravel\Dusk\Browser;
11 use Tests\DuskTestCase;
12
13 You, há 19 minutos | 1 author (You)
14 class ProductCrudTest extends DuskTestCase
15 {
16     /**
17      * A Dusk test example.
18      *
19      * @return void
20      */
21     public function testProductCrud()
22     {
23         $this->browse(function (Browser $browser) {
24             $browser->visit(new CadastroProdutoPage())
25                 ->on(new ProdutosPage())
26                 ->on(new ProdutosEditPage())
27                 ->on(new ProdutosDeletePage());
28         });
29     }
30 }
```

```

class ProdutosPage extends Page
{
    /**
     * Get the URL for the page.
     *
     * @return string
     */
    public function url()
    {
        return '/produtos';
    }

    /**
     * Assert that the browser is on the page.
     *
     * @param Browser $browser
     * @return void
     */
    public function assert(Browser $browser)
    {
        $browser->assertPathIs($this->url('/produtos'))
            ->pause(1000)
            ->assertSee('ID')
            ->scrollIntoView('@footer')
            ->pause(4000)
            ->scrollIntoView('@edit1')
            ->pause(3000)
            ->click('@edit1')
            ->assertPathIs('/produtos/1/edit')
            ->pause(1000);
    }
}

```

```

class ProdutosEditPage extends Page
{
    /**
     * Get the URL for the page.
     *
     * @return string
     */
    public function url()
    {
        return '/produtos/1/edit';
    }

    /**
     * Assert that the browser is on the page.
     *
     * @param Browser $browser
     * @return void
     */
    public function assert(Browser $browser)
    {
        $browser->assertPathIs($this->url())
            ->pause(1000)
            ->assertSee('Editar Produto')
            ->typeSlowly('@description', 'Multifuncional Mono Laser 42ppm')
            ->click('@submit')
            ->pause(1000)
            ->visit('produtos');
    }
}

```

```
class ProdutosDeletePage extends Page
{
    /**
     * Get the URL for the page.
     *
     * @return string
     */
    public function url()
    {
        return '/produtos';
    }

    /**
     * Assert that the browser is on the page.
     *
     * @param Browser $browser
     * @return void
     */
    public function assert(Browser $browser)
    {
        $browser->assertPathIs($this->url('/produtos'))
            ->pause(1000)
            ->assertSee('Multifuncional Mono Laser 42ppm')
            ->click('@delete1')
            ->pause(1000)
            ->visit('produtos')
            ->assertDontSee('Multifuncional Mono Laser 42ppm')
            ->pause(4000);
    }
}
```