

03

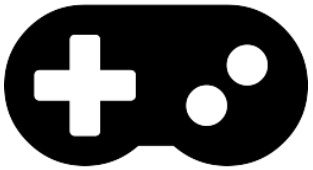
# WEBAPP LIKE A BOSS

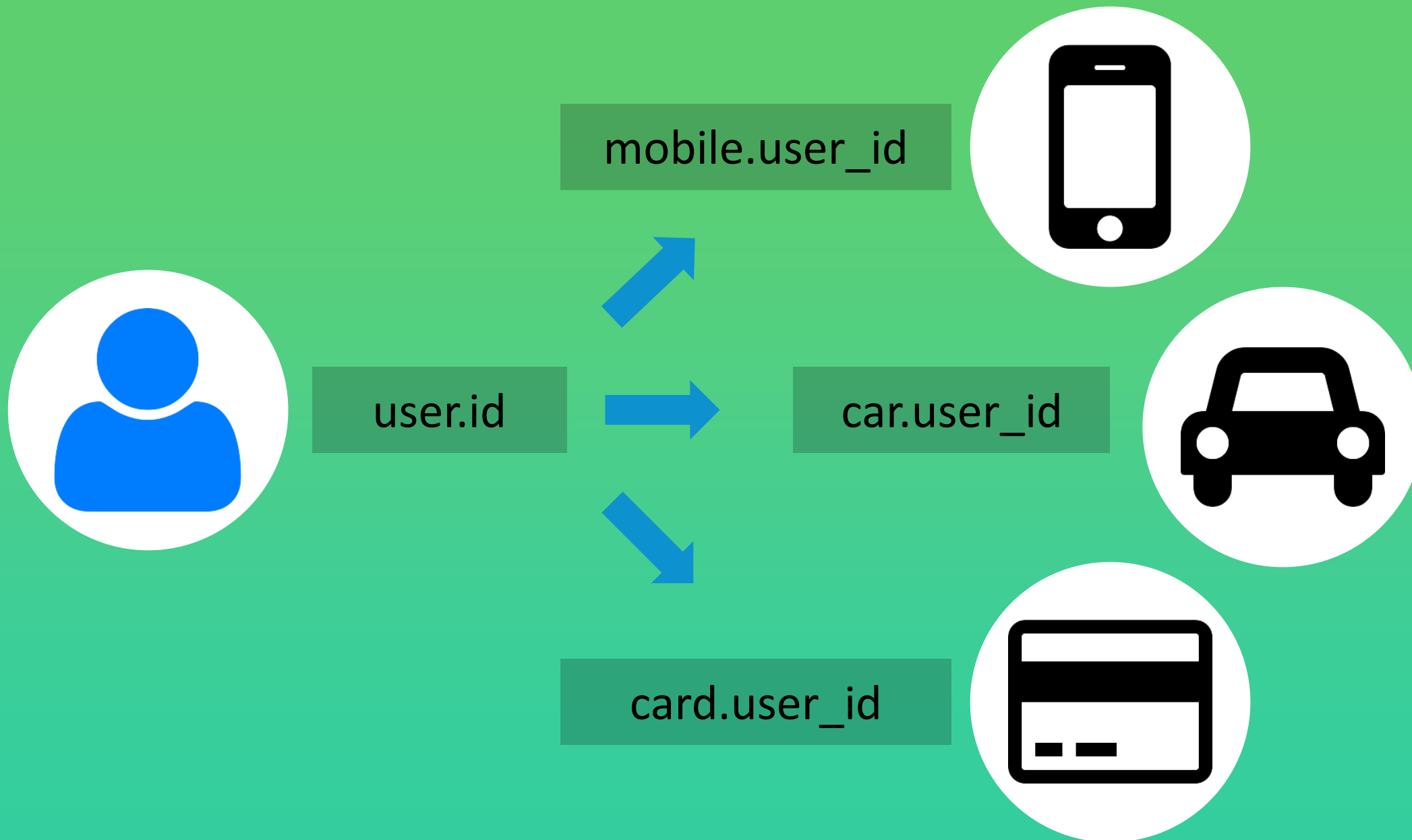
# O MUNDO DAS RELAÇÕES





# Como represento relações?







# Relationships

Acompanhe a documentação

<http://laravel.com/docs/5.1/eloquent-relationships>



client.id

database/migrations/2014\_10\_12\_000000\_create\_users\_table.php



```
Schema::create('clients', function (Blueprint $table) {  
    $table->increments('id');  
    $table->integer('establishment_id')->nullable();  
    $table->string('firstname');  
    $table->string('lastname');  
    $table->string('address_state')->nullable();  
    $table->string('address_city')->nullable();  
    $table->string('address_street')->nullable();  
    $table->string('address_number')->nullable();  
    $table->string('address_zip')->nullable();  
    $table->string('contact_email')->nullable();  
    $table->string('contact_phone')->nullable();  
    $table->string('image_profile')->nullable();  
    $table->timestamps();  
    $table->softdeletes();  
});
```



card.client\_id

database/migrations/2014\_10\_12\_000000\_create\_cards\_table.php



```
Schema::create('cards', function (Blueprint $table) {  
    $table->increments('id');  
    $table->integer('client_id')->nullable();  
    $table->string('name')->nullable();  
    $table->string('flag')->nullable();  
    $table->string('number')->nullable();  
    $table->string('expires_at')->nullable();  
    $table->string('expires_string')->nullable();  
    $table->string('cvv')->nullable();  
    $table->timestamps();  
    $table->softdeletes();  
});
```



client.id

app/Client.php



```
<?php

namespace App;

use Illuminate\Database\Eloquent\Model;

class Client extends Model
{
    public function establishment()
    {
        return $this->belongsTo('App\Establishment');
    }

    public function cards()
    {
        return $this->hasMany('App\Card');
    }
}
```





card.client\_id

app/Card.php



```
<?php

namespace App;

use Illuminate\Database\Eloquent\Model;

class Card extends Model
{

    public function owner()
    {
        return $this->belongsTo('App\Client');
    }

}
```



# Relações



cards()



```
App\Client::find(1)->cards()
```

Teremos uma lista com todos os cartões do cliente de ID = 1. Retorna uma collection de App\Cards.



# Relações



owner()



```
App\Card::find(1)->owner()
```

Acharemos o dono do cartão de ID = 1. Retorna um model App\Client.



# Exemplos

Qual o nome do dono do cartão de ID = 1?

```
App\Card::find(1)->owner()->name;
```

Quantos cartões o cliente de ID = 1 tem?

```
App\Client::find(1)->cards()->count();
```



# Collections

Acompanhe a documentação

<http://laravel.com/docs/5.1/collections>

all() avg() chunk() collapse() contains() count() diff() each() every() except()  
filter() first() flatten() flip() forget() forPage() get() groupBy() has()  
implode() intersect() isEmpty() keyBy() keys() last() map() max() merge()  
min() only() pluck() pop() prepend() pull() push() put() random() reduce()  
reject() reverse() search() shift() shuffle() slice() sort() sortBy()  
sortByDesc() splice() sum() take() toArray() toJson() transform() unique()  
values() where() whereLoose() zip()



Exemplo: Nome do dono do cartão

ELE ESTÁ  
VIVO!

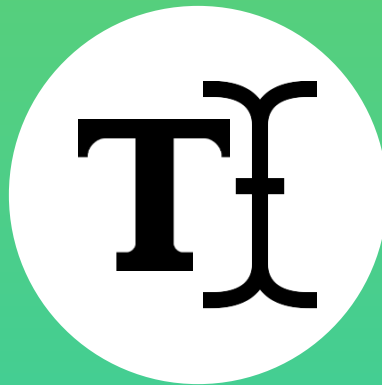




# Interatividade



clicks



inputs



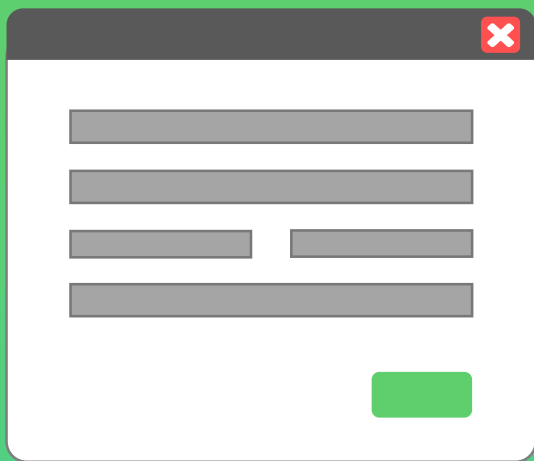
drag



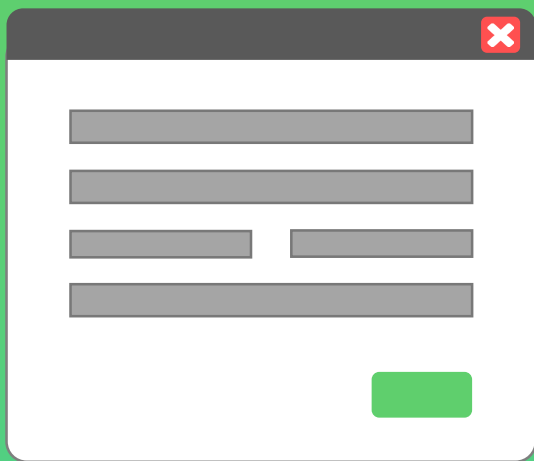


# Interatividade



A stylized icon of a web form window. It has a dark gray header bar with a red square button containing a white 'X' in the top right corner. The main body is white and contains five gray rectangular input fields: three full-width fields at the top, followed by two smaller fields side-by-side, and one full-width field at the bottom. A solid green rectangular button is positioned in the bottom right corner of the white area.

formulário



request



controller



# Authentication

Acompanhe a documentação

<http://laravel.com/docs/5.1/authentication>

## FOLDERS

- easy money-simulator
  - app
    - Console
    - Events
    - Exceptions
    - Http
      - Controllers
      - Middleware
      - Requests
      - Kernel.php
      - routes.php
    - Jobs
    - Listeners
    - Policies
    - Providers
    - Card.php
    - Client.php
    - Establishment.php
    - Pinpad.php
    - Transaction.php
    - User.php
  - bootstrap
  - config
  - database
  - public
  - resources
  - storage
  - tests

&lt;?php

```
/*
|-----
| Application Routes
|-----
|
| Here is where you can register all of the routes for an application.
| It's a breeze. Simply tell Laravel the URIs it should respond to
| and give it the controller to call when that URI is requested.
|
*/

Route::get('login', 'Auth\AuthController@login');
Route::post('login', 'Auth\AuthController@postLogin');
Route::get('logout', 'Auth\AuthController@getLogout');
Route::get('register', 'Auth\AuthController@register');
Route::post('register', 'Auth\AuthController@postRegister');
Route::get('password/email', 'Auth>PasswordController@email');
Route::post('password/email', 'Auth>PasswordController@postEmail');
Route::get('password/reset/{token}', 'Auth>PasswordController@getReset');
Route::post('password/reset', 'Auth>PasswordController@postReset');
```

# Register

---

Name

Email

Password

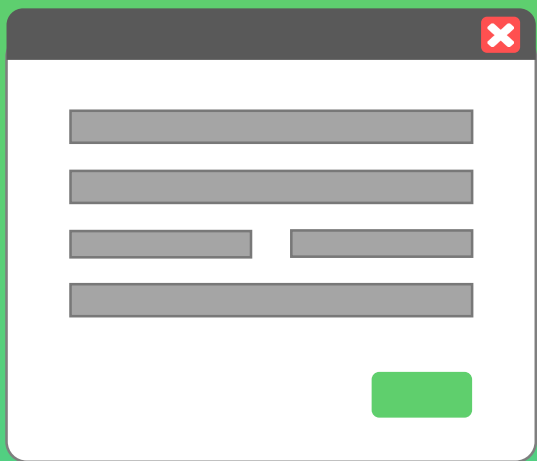
Confirm Password

Register

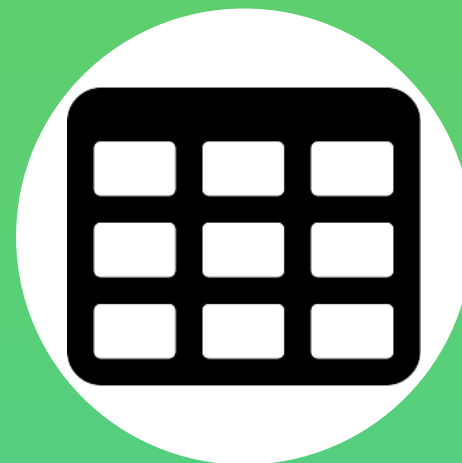
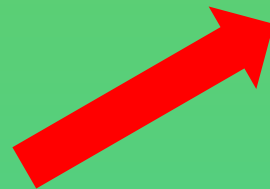


```
@extends('layouts.public')

@section('title', 'Register')
@section('content')
<form method="POST" action="/register">
  {!! csrf_field() !!}
  <div class="row">
    <div class="col-md-2"><p class="pull-right">Name</p></div>
    <div class="col-md-10"><input type="text" name="name" value="{{ old('name') }}"></div>
  </div>
  <div class="row">
    <div class="col-md-2"><p class="pull-right">Email</p></div>
    <div class="col-md-10"><input type="email" name="email" value="{{ old('email') }}"></div>
  </div>
  <div class="row">
    <div class="col-md-2"><p class="pull-right">Password</p></div>
    <div class="col-md-10"><input type="password" name="password"></div>
  </div>
  <div class="row">
    <div class="col-md-2"><p class="pull-right">Confirm Password</p></div>
    <div class="col-md-10"><input type="password" name="password_confirmation"></div>
  </div>
  <div class="row">
    <div class="col-md-offset-2 col-md-10"><button type="submit">Register</button></div>
  </div>
</form>
@stop
```

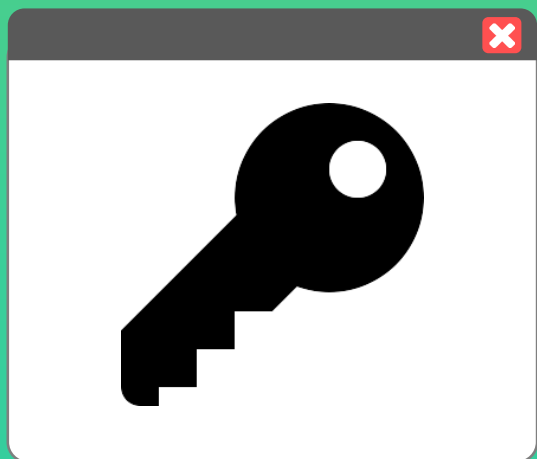
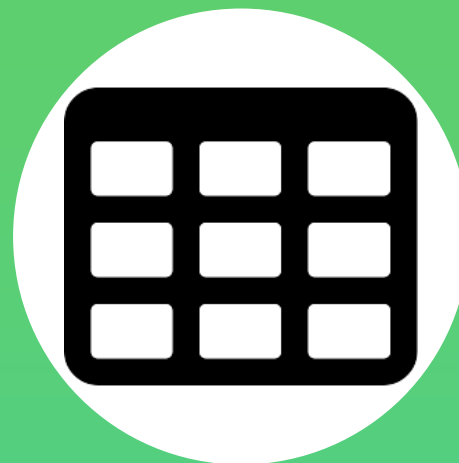
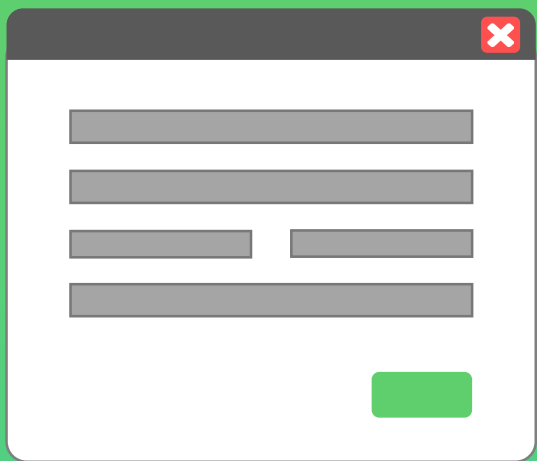


User::create()



model





# Login

---

Email

Password

☐ Remember me

Login



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

@section('title', 'Login')
@section('content')
<form method="POST" action="/login">
  {!! csrf_field() !!}
  <div class="row">
    <div class="col-md-2"><p class="pull-right">Email</p></div>
    <div class="col-md-10"><input type="email" name="email" value="{{ old('email') }}"></div>
  </div>
  <div class="row">
    <div class="col-md-2"><p class="pull-right">Password</p></div>
    <div class="col-md-10"><input type="password" name="password" id="password"></div>
  </div>
  <div class="row">
    <div class="col-md-offset-2 col-md-10">
      <p class=""><input type="checkbox" name="remember"> Remember me</p>
    </div>
  </div>
  <div class="row">
    <div class="col-md-offset-2 col-md-10"><button type="submit">Login</button></div>
  </div>
</form>
@stop
```



# Authorization

Acompanhe a documentação

<http://laravel.com/docs/5.1/authorization>

