**laravel-products**

**1-Install&Setting of laravel**

Must be **VIRTUAL HOST laravel-products** and **DB laravel-products**.

**Terminal**

**cd www**

***(if not global)***

*curl -s* [*http://getcomposer.org/installer*](http://getcomposer.org/installer) *| php  
sudo mv composer.phar /usr/local/bin/*

*alias composer='/usr/local/bin/composer.phar'*

*composer create-project --prefer-dist laravel/laravel* ***laravel-products******"5.8******.\*"***

cd **laravel-products**

***(if not global)***

*curl -s* [*http://getcomposer.org/installer*](http://getcomposer.org/installer) *| php  
sudo mv composer.phar /usr/local/bin/*

*alias composer='/usr/local/bin/composer.phar'*

sudo chmod -R 777 **storage**  
sudo chmod -R 777 **bootstrap/cache**

**(if you need (change config, view...**

**php artisan config:cache**

**php artisan cache:clear**

**php artisan view:clear**)

Rename **.env.example** in **.env** and **.env**

DB\_CONNECTION=**mysql**

DB\_HOST=127.0.0.1

DB\_PORT=3306

DB\_DATABASE=**laravel-products**

DB\_USERNAME=**root**

DB\_PASSWORD=**password**

**php artisan key:generate**

**php artisan config:cache**

**Without PUBLIC in URLc**

Rename **server.php** in your Laravel root folder to **index.php**

Copy the **.htaccess** file from **/public** directory to your Laravel **root folder**.

**Test (without auth)**

[http://**laravel-**](http://laravel-cards/)**products/**

**php artisan make:auth**

*(views/auth (layouts, home.blade.php) + HomeController.php + web.php(routing) (LoginController.php, RegisterController.php... - и так были))*

Edit **config/database.php**

**...**

*//'charset' => 'utf8mb4',*

*//'collation' => 'utf8mb4\_unicode\_ci',*

**'charset' => 'utf8',**

**'collation' => 'utf8\_unicode\_ci',**

**...**

**'strict' => false,**

**'engine' => 'InnoDB',**

**php artisan config:cache**

**php artisan migrate**

**Test (with auth)**

[http://**laravel-products/**](http://laravel-cards/)

**----- 2-route&Controller&views-blade**

**routes\web.php**

**/\***

Route::get('/', function () {

return view('welcome');

});

**\*/**

Auth::routes();

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

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

**app\Http\Controllers\ProductController.php (from HomeController.php)**

class **Product**Controller extends Controller

{

/\*\*

\* Create a new controller instance.

\*

\* @return void

\*/

public function \_\_construct()

{

**//**$this->middleware('auth');

}

/\*\*

\* Show the application dashboard.

\*

\* @return \Illuminate\Contracts\Support\Renderable

\*/

public function **index**()

{

return view('**product.index**');

}

}

**views\product\index.blade.php (from welcome.blade.php)**

Hello…

**laravel-products/**

Hello…

**public\images, plugins, styles + js\jquery-3.2.1.min.js, custom.js from \_Template-products + create main.js ($(document).ready… + var BaseRecord={})**

**Create resources\views\product\layout.blade.php**

**+here from index.html header + footer (+ from product.html and cart.html their style)**

**+from layouts\app.blade.php @yield('main') (between header and footer)**

+**"{{ asset('public/...') }}" for all (css, js , !!!images)**

**views\product\index.blade.php from welcome.blade.php**

@extends('**product.layout**')

@section('**main**')

***Hello… <!-- This word is not seen in browser now, but in Elements it is there -->***

@endsection

**----- 3-routing (product.blade.php, cart.blade.php)**

**index.blade.php copy to product.blade.php, cart.blade.php**

**index.blade.php start-content from index.html**

**@extends('product.layout')**

**@section('main')**

**<div class="super\_container\_inner">**

**<div class="super\_overlay"></div>**

**<!-- Products -->**

**<div class="products">**

**<div class="container">**

**<div class="row products\_row">**

***Hello...***

**</div>**

**</div>**

**</div>**

**</div>**

**@endsection**

**product.blade.php start-content from product.html**

**@extends('product.layout')**

**@section('main')**

**<div class="super\_container\_inner">**

**<div class="super\_overlay"></div>**

**<!-- Product -->**

**<div class="product">**

**<div class="container">**

**<div class="row">**

***Product...***

**</div>**

**</div>**

**</div>**

**</div>**

**@endsection**

**cart.blade.php start-content from cart.html**

**@extends('product.layout')**

**@section('main')**

**<div class="cart\_section">**

**<div class="container">**

**<div class="row">**

**<div class="col">**

**<div class="cart\_container">**

**<!-- Cart Items -->**

**<div class="cart\_items">**

**<ul class="cart\_items\_list">**

***Cart...***

**</ul>**

**</div>**

**<!-- Cart Buttons -->**

**<div class="cart\_buttons d-flex flex-row align-items-start justify-content-start">**

**<div class="cart\_buttons\_inner ml-sm-auto d-flex flex-row align-items-start justify-content-start flex-wrap">**

**<div class="button button\_clear trans\_200"><a href="#">clear</a></div>**

**</div>**

**</div>**

**</div>**

**</div>**

**</div>**

**</div>**

**</div>**

**@endsection**

**routes\web.php**

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

**Route::name('product')->get('/product', 'ProductController@product');**

**Route::name('cart')->get('/cart', 'ProductController@cart');**

+.**..because Route::name('cart')->get('/cart', 'ProductController@cart');**

**r****ecources\views\product\layout.blade.php**

**<!-- Cart -->**

<div class="cart">**<a href="{{ route('cart') }}">**<div><img class="svg" src="{{ asset('public/images/cart.svg') }}" alt="https://www.flaticon.com/authors/freepik"></div></a></div>

**app\Http\Controllers\ProductController.php**

/\*\*

\* Show page home.

\*

\* @return \Illuminate\Contracts\Support\Renderable

\*/

**public function index()**

**{**

**return view('product.index');**

**}**

/\*\*

\* Show page product.

\*

\* @return \Illuminate\Contracts\Support\Renderable

\*/

**public function product()**

**{**

**return view('product.product');**

**}**

/\*\*

\* Show page cart.

\*

\* @return \Illuminate\Contracts\Support\Renderable

\*/

**public function cart()**

**{**

**return view('product.cart');**

**}**

**проверить работу main.js + main\_style.css**

**$(document).ready(function(){**

**alert('hi');**

**});**

**div {**

**color: red;**

**}**

**----4-migrations+seed(products, cart)&Models&Controller&Repositories(index) (in view – just print\_r)**

**database\migrations\2019\_02\_02\_082606\_products.php** **(copy-paste)**

**+2019\_02\_03\_082606\_carts.php**

class **Carts** extends Migration

{

/\*\*

\* Run the migrations.

\*

\* @return void

\*/

public function up()

{

Schema::create('**carts**', function (Blueprint $table) {

**$table->increments('id');**

**$table->string('name');**

**$table->decimal('price', 10, 2);**

**$table->string('image');**

});

}

/\*\*

\* Reverse the migrations.

\*

\* @return void

\*/

public function down()

{

Schema::dropIfExists('**carts**');

}

}

**create app\Models + User.php rename there**

namespace App\**Models**;

**+app\Http\Controllers\Auth\RegisterControllers.php**

use App\**Models\**User;

**+config\auth.php**

'providers' => [

'users' => [

'driver' => 'eloquent',

'model' => App\**Models\**User::class,

],

*(*

*curl -s* [*http://getcomposer.org/installer*](http://getcomposer.org/installer) *| php  
sudo mv composer.phar /usr/local/bin/*

*alias composer='/usr/local/bin/composer.phar'*

*)*

**composer dump-autoload**

**php artisan config:cache**

sudo chmod -R 777 **storage**

**+Product.php (copy-paste), Cart.php from User.php (create from Product.php)**

**database\seeds\DatabaseSeeder.php (at first copy-paste, but then just import dump-sql)**

**php artisan migrate --seed**

**app\Repositories\ProductRepository.php (copy-paste)**

namespace App\Repositories;

use **App\Models\ {**

**Product**

};

class **Product**Repository

{

/\*\*

\* The Model instance.

\*

\* @var \Illuminate\Database\Eloquent\Model

\*/

**protected $model;**

/\*\*

\* Create a new ProductRepository instance.

\*

\* @param \App\Models\Product $product

\*/

public function **\_\_construct**(**Product $product**)

{

**$this->model = $product;**

}

/\*\*

\* Create a query for Product.

\*

\* @return \Illuminate\Database\Eloquent\Builder

\*/

public function **funcSelect**(***$request***)

{

**$query = $this->model**

**->select('id', 'name', 'price', 'image');**

**return $query->get();**

}

**app\Http\Controllers\ProductController.php**

**use App\Repositories\ProductRepository;**

/\*\*

\* The ProductRepository instance.

\*

\* @var \App\Repositories\ProductRepository

\*/

**protected $repository;**

/\*\*

\* Create a new controller instance.

\*

\* @return void

\*/

public function \_\_construct(**ProductRepository $repository**)

{

//$this->middleware('auth');

**$this->repository = $repository;**

}

/\*\*

\* Show page home.

\*

\* @return \Illuminate\Contracts\Support\Renderable

\*/

public function index(***Request $request***)

{

**$products = $this->repository->funcSelect(*$request*);**

return view('product.index'**, ['products' => $products]**);

}

**resources\views\product\index.blade.php**

<div class="row products\_row">

**<?php print\_r($products); ?>**

</div>

**----5-select-data in blade(index + brick-standart)&Eloquent-builder query&parameter in route(product)**

**resources\views\product\brick-standart.blade.php (copy-paste) (from js-project)**

at first just in view index.blade.php + @foreach

<?php

//print\_r($products);

?>

**@foreach($products as $product)**

<div class="col-xl-4 col-md-6">

<div class="product">

<!-- image - img src -->

<div class="product\_image"><img src="**{{ asset('public/images/' . $product->image) }}**" alt=""></div>

<div class="product\_content">

<div class="product\_info d-flex flex-row align-items-start justify-content-start">

<div>

<div>

<!-- name - <a href="#">...</a> -->

<div class="product\_name"><a href="#">**{{ $product->name }}**</a></div>

</div>

</div>

<div class="ml-auto text-right">

<!-- price - <span style="font-size: 0.8em;">...</span> -->

<div class="product\_price text-right"><span style="font-size: 0.8em;">**{{ $product->price }}**</span></div>

</div>

</div>

<div class="product\_buttons">

<div class="text-right d-flex flex-row align-items-start justify-content-start">

<div class="product\_button product\_cart text-center d-flex flex-column align-items-center justify-content-center">

<div><div><img src="images/cart.svg" class="svg" alt=""><div>+</div></div></div> <!-- product cart -->

</div>

</div>

</div>

</div>

</div>

</div>

**@endforeach**

**...but img — very small because in layout**

<link rel="stylesheet" type="text/css" href="{{ asset('public/styles/**cart**.css') }}">

<link rel="stylesheet" type="text/css" href="{{ asset('public/styles/**cart**\_responsive.css') }}">

<link rel="stylesheet" type="text/css" href="{{ asset('public/styles/**product**.css') }}">

<link rel="stylesheet" type="text/css" href="{{ asset('public/styles/**product**\_responsive.css') }}">

**...then here <!-- … --> and here**

**@yield('css')**

**(+@yield('js'))**

**...and in product.blade.php**

@extends('product.layout')

**@section('css')**

<link rel="stylesheet" type="text/css" href="{{ asset('public/styles/**product**.css') }}">

<link rel="stylesheet" type="text/css" href="{{ asset('public/styles/**product**\_responsive.css') }}">

**@endsection**

**...and in cart.blade.php**

@extends('product.layout')

**@section('css')**

<link rel="stylesheet" type="text/css" href="{{ asset('public/styles/**cart**.css') }}">

<link rel="stylesheet" type="text/css" href="{{ asset('public/styles/**cart**\_responsive.css') }}">

**@endsection**

**...or — another variant — brick-standard**

**from resources\views\product\index.blade.php to brick-standart.blade.php with foreach (paste)**

**+ in resources\views\product\index.blade.php**

<?php

//print\_r($products);

?>

**@include('product.brick-standard')**

**top9=1 - app\Repositories\ProductRepository.php**

/\*\*

\* Create a query for Product.

\*

\* @return \Illuminate\Database\Eloquent\Builder

\*/

public function **funcSelect**($request)

{

$query = $this->model

->select('id', 'name', 'price', 'image')

**//->where('top9', '=', 1);**

**->where('top9', 1);**

//->orderBy('price', 'asc');

return $query->get();

}

**resouces\views\product\brick-standard.blade.php**

**@foreach($products as $product)**

**<a href="{{ route('product', ['id' => $product->id]) }}">**

<div class="col-xl-4 col-md-6">

…

</di**v>**

**</a>**

**@endforeach**

**routes\web.php**

...

Route::**name('product')**->get('/product**/{id}**', 'ProductController@**product**');

...

**app\Http\Controllers\ProductController.php**

**use App\Models\Product;**

/\*\*

\* The Model instance.

\*

\* @var \App\Models\Product

\*/

**protected $model;**

/\*\*

\* Create a new controller instance.

\*

\* @return void

\*/

public function \_\_construct(ProductRepository $repository**, Product $product**)

{

//$this->middleware('auth');

$this->repository = $repository;

**$this->model = $product;**

}

/\*\*

\* Show page product.

\*

\* @return \Illuminate\Contracts\Support\Renderable

\*/

public function **product**(**$id**)

{

**$product = $this->model->find($id);**

return view('product.product'**, ['product' => $product]**);

}

**resources\views\product\product.blade.php**

<div class="row">

**<?php print\_r($product); ?>**

</div>

**---- 6-ajax-more&search(index)**

**resources\views\product\index.blade.php**

...

</div>

**<div class="button load\_more ml-auto mr-auto"><a href="#" class="link\_again">больше</a>**

**</div>**

@endsection

**resources\views\product\layout.blade.php**

**@if (\Request::is('/'))**

**<!-- Search -->**

**<div class="header\_search">**

**<form** *action="/"* **id="header\_search\_form"** *method="post"***>**

**<input type="text" name="search\_input" class="search\_input" placeholder="Поиск...">**

**<button** *name="hook"* **type="button" class="header\_search\_button" value="Search"><img src="{{ asset('public/images/search.png') }}" alt=""></button>**

**</form>**

**</div>**

**@endif**

<!-- Cart -->

…

**...and here is <script src="{{ asset('public/js/main.js') }}"></script>**

**public\js\main.js**

$(document).ready(function(){

**$('.load\_more')**.click(function(){

**BaseRecord.top9 = 0;**

**BaseRecord.more();**

**return false;**

});

});

**var BaseRecord**={

**top9: 1,**

**search: '',**

**more**: function(){

var ajaxSetting={

**method: 'get',**

**url: '/', //because Route::name('home')->get('/', 'ProductController@index');**

**data: {**

**top9: this.top9,**

**search: this.search,**

**},**

success: function(data){

//alert(data.table);

**$('.row.products\_row').html(data.table);**

},

};

$.ajax(ajaxSetting);

},

};

**app\Http\Controllers\ProductController.php**

public function **index**(**Request $request**)

{

**$products** = $this->repository->funcSelect(**$request**);

**// Ajax response**

**if ($request->ajax()) {**

**return response()->json([**

**'table' => view("product.brick-standard", ['products' => $products])->render(),**

**]);**

**}**

*return view('product.index', ['products' => $products]);*

}

**app\Repositories\ProductRepository.php**

public function **funcSelect**(**$request**)

{

$query = $this->model

->select('id', 'name', 'price', 'image');

//->where('top9', '=', 1);

***//****->where('top9', 1);*

//->orderBy('price', 'asc');

**if(isset($request->top9)) $query->where('top9', $request->top9)**

**->where('name', 'like', '%' . $request->search . '%');**

**else $query->where('top9', 1);**

return $query->get();

}

**--- another variant of place js-code**

**resources\views\product\layout.blade.php**

…

**<!--** <script src="{{ asset('public/js/main.js') }}"></script> **-->**

**@yield('js')**

**pudlic\js\main.js**

**/\***

*$(document).ready(function(){*

*$('.load\_more').click(function(){*

*BaseRecord.top9 = 0;*

*BaseRecord.more();*

*return false;*

*});*

*});*

**\*/**

**var BaseRecord={**

...

**resources\views\product\index.blade.php**

**...**

**@endsection**

**@section('js')**

**<script src="{{ asset('public/js/main.js') }}"></script>**

**<script>**

**$(document).ready(function(){**

**$('.load\_more').click(function(){**

**BaseRecord.top9 = 0;**

**BaseRecord.more();**

**return false;**

**});**

**});**

**</script>**

**@endsection**

**--- search**

**resources\views\product\index.blade.php**

@section('js')

<script src="{{ asset('public/js/main.js') }}"></script>

<script>

$(document).ready(function(){

$('.load\_more').click(function(){

BaseRecord.top9 = 0;

BaseRecord.more();

return false;

});

**$('.header\_search\_button').click(function(){**

**BaseRecord.search = $('.search\_input').val();**

**BaseRecord.more();**

**return false;**

**});**

});

</script>

@endsection

**---- 7-product-blade-view&insert-data-cart**

***...remember way***

***resources\views\product\index.blade.php***

*@****include('product.brick-standard')***

***resources\views\product\brick-standard.blade.php***

***@foreach($products as $product)***

*<a href="{{* ***route('product', ['id' => $product->id])*** *}}">*

***routes\web.php***

*Route::****name('product'****)->get('/product/****{id}****', 'ProductController@****product****');*

***ProductController.php***

*/\*\**

*\* Show page product.*

*\**

*\* @return \Illuminate\Contracts\Support\Renderable*

*\*/*

*public function* ***product($id)***

*{*

***$product = $this->model->find($id);***

*return view(****'product.product', ['product' => $product]****);*

*}*

**in resources\views\product\product.blade.php paste product-content-paste.php**

**<div class="super\_container\_inner">**

**<div class="super\_overlay"></div>**

**<!-- Product -->**

**<div class="product">**

**<div class="container">**

**<div class="row">**

<?php

//print\_r($product);

?>

**<!-- Product Info -->**

<!-- Product image <div class="col-lg-6 product\_image"><img src="" />... -->

<div class="col-lg-6 product\_image">

**<img src="{{ asset('public/images/' . $product->image) }}" />**

</div>

<div class="col-lg-6 product\_col">

<div class="product\_info">

<!-- Product name <div class="product\_name"></div> -->

**<div class="product\_name">{{ $product->name }}</div>**

<div class="product\_category">В <a href="#">Катагории</a></div>

<div class="product\_rating\_container d-flex flex-row align-items-center justify-content-start">

<div class="rating\_r rating\_r\_4 product\_rating"><i></i><i></i><i></i><i></i><i></i></div>

<div class="product\_reviews">4.7 из (3514)</div>

<div class="product\_reviews\_link"><a href="#">Отзывы</a></div>

</div>

<!-- Product price <div class="product\_price"></div> -->

**<div class="product\_price">{{ $product->price }}</div>**

<div class="product\_size">

...

</div>

**resources\views\product\product.blade.php**

<div class="**product\_button product\_cart** text-center d-flex flex-column align-items-center justify-content-center">

<div><div><img src="{{ asset('public/images/cart.svg') }}" class="svg" alt=""><div>+</div></div></div>

**<form name="form\_tocart" method="post" action="/tocart" style="display: none;">**

**{{ csrf\_field() }}**

**<input type="hidden" name="name" value="{{ $product->name }}" />**

**<input type="hidden" name="price" value="{{ $product->price }}" />**

**<input type="hidden" name="image" value="{{ asset('public/images/' . $product->image) }}" />**

**</form>**

...

**@endsection**

**@section('js')**

**<script>**

**$(document).ready(function(){**

**$('.product\_button.product\_cart').click(function(){**

**form\_tocart.submit();**

**});**

**});**

**</script>**

**@endsection**

**routes\web.php**

Route::**name('tocart')**->**post**(**'/tocart'**, 'ProductController@**tocart**');

**app\Http\Controllers\ProductController.php**

/\*\*

\* Store thing to cart.

\*

\* @return \Illuminate\Contracts\Support\Renderable

\*/

public function **tocart(Request $request)**

{

**$this->repository->funcStore($request);**

**return redirect(route('cart'));**

}

**app\Repositories\ProductRepository.php**

use App\**Models**\ {

Product,

**Cart**

};

/\*\*

\* The Model instance.

\*

\* @var \Illuminate\Database\Eloquent\Model

\*/

**protected $model\_product;**

**protected $model\_cart;**

/\*\*

\* Create a new ProductRepository instance.

\*

\* @param \App\Models\Product $product

\*/

public function \_\_construct(**Product $product, Cart $cart**)

{

**$this->model\_product = $product;**

**$this->model\_cart = $cart;**

}

/\*\*

\* Create a query for Product.

\*

\* @return \Illuminate\Database\Eloquent\Builder

\*/

public function **funcSelect**($request)

{

$query = $this->**model\_product**

...

/\*\*

\* Store thing.

\*

\* @param \App\Http\Requests\Request $request

\* @return void

\*/

public function **funcStore($request)**

**{**

**Cart::create($request->all());**

}

**app\Models\Cart.php**

**protected $fillable = [**

**'name', 'price', 'image'**

**];**

**-- other variants**

**...in view**

<form name="form\_tocart" method="post" **action="{{ url('/tocart') }}"** style="display: none;">

<form name="form\_tocart" method="post" **action="{{ route('re') }}"** style="display: none;">

**...in repository**

/\*\*

\* Store thing.

\*

\* @param \App\Http\Requests\Request $request

\* @return void

\*/

public function **funcStore($request)**

{

//Cart::create($request->all());

//**$this->model\_cart->create($request->all());**

**$this->model\_cart->name = $request->name;**

**$this->model\_cart->price = $request->price;**

**$this->model\_cart->image = $request->image;**

**$this->model\_cart->save();**

}

**----8-insert-cart-validation(Request)&select-data in blade(cart)**

**app\Http\Controllers\ProductController.php**

**use App\Http\Requests\CartRequest;**

**--or**

*//use App\Repositories\ProductRepository;*

*//use App\Http\Requests\CartRequest;*

*//use App\Models\Product;*

use **App\ {**

**Repositories\ProductRepository,**

**Http\Requests\CartRequest,**

**Models\Product**

};

/\*\*

\* Store thing to cart.

\*

\* @return \Illuminate\Contracts\Support\Renderable

\*/

**//**public function **tocart**(Request $request)

public function **tocart**(**CartRequest** $request)

{

$this->repository->funcStore($request);

return redirect(route('cart'));

}

**app\Http\Requests\CartRequest.php + Request.php (paste)**

namespace App\Http\Requests;

class **Cart**Request extends Request

{

/\*\*

\* Get the validation rules that apply to the request.

\*

\* @return array

\*/

public function **rules**()

{

**return $rules = [**

**'name' => 'bail|required|max:255',**

**'price' => 'bail|required|numeric',**

**'image' => 'bail|required|max:255',**

**];**

}

}

**--show errors**

**resourse\views\product\product.blade.php**

**<!-- Product -->**

**<div class="product">**

**<div class="container">**

**@if ($errors->any())**

**@component('product.components.alert')**

**@slot('type')**

**danger**

**@endslot**

**@foreach ($errors->all() as $error)**

**{{ $error }}<br>**

**@endforeach**

**@endcomponent**

**@endif**

**<div class="row">**

...

**+ in resourse\views\product\components (paste)**

**---show(print\_r) cart**

**app\Http\Controllers\ProductController.php**

/\*\*

\* Show page cart.

\*

\* @return \Illuminate\Contracts\Support\Renderable

\*/

public function **cart**()

{

**$cart = $this->repository->funcCart(); //NOT request**

return view('product.cart'**, ['cart' => $cart]**);

}

**app\Repositories\ProductRepository.php**

*use App\Models\ {*

*Product,*

***Cart***

*};*

*/\*\**

*\* The Model instance.*

*\**

*\* @var \Illuminate\Database\Eloquent\Model*

*\*/*

*protected $model\_product;*

***protected $model\_cart;***

*/\*\**

*\* Create a new ProductRepository instance.*

*\* @param \App\Models\Product $product*

*\*/*

*public function \_\_construct(Product $product,* ***Cart $cart****)*

*{*

*$this->model\_product = $product;*

***$this->model\_cart = $cart;***

*}*

/\*\*

\* Create a query for Cart.

\*

\* @return \Illuminate\Database\Eloquent\Builder

\*/

public function **funcCart()**

{

return $this->**model\_cart**

**->select('id', 'name', 'price', 'image')**

**->orderBy('price', 'asc')->get();**

}

**resources\views\product\cart.blade.php**

**@php**

**print\_r($cart);**

**@endphp**

**---- 9-view data(cart)&delete-data-all(cart)&delete-data-one(cart)**

.**..because Route::name('cart')->get('/cart', 'ProductController@cart');**

**r****ecources\views\product\layout.blade.php**

**<!-- Cart -->**

<div class="cart">**<a href="{{ route('cart') }}">**<div><img class="svg" src="{{ asset('public/images/cart.svg') }}" alt="https://www.flaticon.com/authors/freepik"></div></a></div>

**--view cart**

***app\Http\Controllers\ProductController.php***

*/\*\**

*\* Show page cart.*

*\**

*\* @return \Illuminate\Contracts\Support\Renderable*

*\*/*

*public function cart()*

*{*

***$cart*** *= $this->repository->funcCart();*

*return view('product.****cart', ['cart' => $cart]****);*

*}*

**recources\views\product\cart-standard.blade.php (copy from brick-standard.blade.php + copy-paste from checkout\_li.php)**

**@foreach($cart as $cartvalue)**

<!-- Cart Item -->

<li class="cart\_item item\_list d-flex flex-lg-row flex-column align-items-lg-center align-items-start justify-content-lg-end justify-content-start" style="width: 50%;">

<div class="product d-flex flex-lg-row flex-column align-items-lg-center align-items-start justify-content-start mr-auto">

<div><div class="product\_image"><img src="**{{ $cartvalue->image }}**" alt=""></div></div>

<div class="product\_name\_container">

<div class="product\_name"><a href="#">**{{ $cartvalue->name }}**</a></div>

<div class="product\_text">Second line for additional info</div>

</div>

</div>

<div class="product\_price product\_text">**{{ $cartvalue->price }}**</div>

</li>

<hr>

<!-- Cart Item -->

@endforeach

**recources\views\product\cart.blade.php**

@php

**//**print\_r($cart);

@endphp

**@include('product.cart-standard')**

**--CLEAR-ALL(submit)**

**recources\views\product\cart.blade.php (form copy-paste from product.blade.php)**

<!-- Cart Buttons -->

<div class="cart\_buttons d-flex flex-row align-items-start justify-content-start">

<div class="cart\_buttons\_inner ml-sm-auto d-flex flex-row align-items-start justify-content-start flex-wrap">

<div class="button **button\_clear** trans\_200"><a href="#">clear</a></div>

</div>

**<form name="form\_clearall" method="post" action="{{ route('clearall') }}" style="display: none;">**

**{{ csrf\_field() }}**

**</form>**

</div>

**+ @section('js') from product.blade.php**

**@section('js')**

<script>

$(document).ready(function(){

$('**.button\_clear**').click(function(){

**form\_clearall**.submit();

});

});

</script>

@endsection

**routes\web.php**

Route::**name('clearall')**->**post**('/clearall', 'ProductController@**clearall**');

**app\Http\Controllers\ProductController.php**

use App\ {

Repositories\ProductRepository,

Http\Requests\CartRequest,

Models\Product**,**

**Models\Cart**

};

/\*\*

\* The Model instance.

\*

\* @var \App\Models\Product

\*/

protected $model**\_product**;

**protected $model\_cart;**

/\*\*

\* Create a new controller instance.

\*

\* @return void

\*/

public function \_\_construct(ProductRepository $repository, Product $product**, Cart $cart**)

{

//$this->middleware('auth');

$this->repository = $repository;

$this->model**\_product** = $product;

**$this->model\_cart = $cart;**

}

/\*\*

\* Show page product.

\*

\* @return \Illuminate\Contracts\Support\Renderable

\*/

public function product($id)

{

$product = $this->model**\_product**->find($id);

return view('product.product', ['product' => $product]);

}

/\*\*

\* Clear cart(all).

\*

\* @return \Illuminate\Contracts\Support\Renderable

\*/

**public function clearall()**

**{**

**$this->model\_cart->truncate();**

**return redirect(route('home'));**

**}**

**--a10-delete-data-one(cart-ajax-POST)&reload(ajax-GET)**

**--CLEAR-ONE(ajax)**

**recources\views\product\cart-standard.blade.php**

**<div><a class="btn btn-danger listbuttonremove" id="{{ $cartvalue->id }}" href="#"><i class="fa fa-trash-o" aria-hidden="true"></i></a></div>**

<div><div class="product\_image"><img src="{{ $cartvalue->image }}" alt=""></div></div>

**public\styles\main\_styles.css**

.listbuttonremove {

margin: 10px;

}

**recources\views\product\cart.blade.php**

**@section('js')**

**<script src="{{ asset('public/js/main.js') }}"></script>**

<script>

$(document).ready(function(){

$('.button\_clear').click(function(){

form\_clearall.submit();

});

**$('.listbuttonremove').click(function(){**

**BaseRecord.clearone($(this).attr('id'));**

**return false;**

**});**

});

</script>

@endsection

**public\js\main.js**

**clearone**: function(**id**){

var ajaxSetting={

**method: 'post',**

**url: '/clearone',**

**data: {**

**id: id,**

**},**

success: function(data){

*//alert(data.table);*

*//$('.row.products\_row').html(data.table);*

},

};

$.ajax(ajaxSetting);

},

**...BUT THEN (BECAUSE POST)**

**recources\views\product\layout.blade.php**

*<meta charset="utf-8">*

**<!-- CSRF Token -->**

**<meta name="csrf-token" content="{{ csrf\_token() }}">**

**public\js\main.js**

**$.ajaxSetup({**

**headers: {**

**'X-CSRF-TOKEN': $('meta[name="csrf-token"]').attr('content')**

**}**

**})**

…

**routes\web.php**

Route::name('clearone')->**post**('**/clearone**', 'ProductController@**clearone**');

**app\Http\Controllers\ProductController.php**

/\*\*

\* Clear cart(one).

\*

\* @return \Illuminate\Contracts\Support\Renderable

\*/

public function **clearone(Request $request)**

{

**$cartone = $this->model\_cart->find($request->id);**

**$cartone->delete();**

//return redirect(route('home'));

}

**--ajax-page-reload after delete**

**public\js\main.js**

**clearone**: function(id){

var ajaxSetting={

method: 'post',

url: '/clearone',

data: {

id: id,

},

**success: function(data){**

//alert(data.table);

//$('.row.products\_row').html(data.table);

**BaseRecord.cart();**

},

};

$.ajax(ajaxSetting);

},

**cart**: function(){ **//copy from more: function...**

var ajaxSetting={

**method: 'get',**

**url: '/cart',**

success: function(data){

//alert(data.table);

**$('.cart\_items\_list').html(data.table);**

**$('.listbuttonremove').click(function(){ //from cart.blade.php**

**BaseRecord.clearone($(this).attr('id'));**

**return false;**

**});**

},

};

$.ajax(ajaxSetting);

},

**app\Http\Controllers\ProductController.php**

/\*\*

\* Show page cart.

\*

\* @return \Illuminate\Contracts\Support\Renderable

\*/

public function **cart**(**Request $request**)

{

$cart = $this->repository->funcCart();

**// Ajax response**

**if ($request->ajax()) {**

**return response()->json([**

**'table' => view("product.cart-standard", ['cart' => $cart])->render(),**

**]);**

**}**

return view('product.cart', ['cart' => $cart]);

}

**-----11 - Guzzle-library-sending to email**

**---composer.json**

...

"require": {

"php": "^7.1.3",

"fideloper/proxy": "^4.0",

"laravel/framework": "5.8.\*",

"laravel/tinker": "^1.0",

"guzzlehttp/guzzle": "^6.3"

},

...

**cd www/laravel-products**

**composer update**

**---layout.blade.php**

uncomment

<script src="{{ asset('public/js/main.js') }}"></script>

...then comment this in index.blade.php and cart.blade.php

**+ here (layout.blade.php)**

<script src="{{ asset('public/js/main.js') }}"></script>

<script>

$(document).ready(function(){

$('.newsletter\_button').click(function(){

BaseRecord.mailer($('.newsletter\_input.message').val(), $('.newsletter\_input.email').val());

});

});

</script>

@yield('js')

...

**---main.js**

mailer: function(message, contact){

var ajaxSetting={

method: 'post',

url: '/mailer',

data: {

message: message,

contact: contact,

},

success: function(data){

alert(data);

},

};

$.ajax(ajaxSetting);

},

**---web.php**

Route::name('mailer')->post('/mailer', 'ProductController@mailer');

**---ProductController.php**

/\*\*

\* Mailer of sending message and contact.

\*

\* @return \Illuminate\Contracts\Support\Renderable

\*/

public function mailer(Request $request)

{

return $this->repository->funcMailer($request);

}

**---ProductRepository.php (copy-paste from Api.php)**

/\*\*

\* Mailer of sending message and contact.

\*

\* @return \Illuminate\Contracts\Support\Renderable

\*/

public function funcMailer($request)

{

$title = 'Your message from shop.com - ' . date('d-m-Y H:i:s');

$message = 'Message: <b>' . $request->message . '</b><br>';

$message .= 'Contact: <b>' . $request->contact . '</b><br>';

$client = new \GuzzleHttp\Client([

'headers' => [

//'Authorization' => '9267585bb333341dc049321d4e74398f',

//'Content-Type' => 'application/json',

]

]);

$response = $client->request('GET', 'http://api.25one.com.ua/api\_mail.php?email\_to=' . **config('app.adminemail')** . '&title=' . $title . '&message=' . $message,

[

//...

]);

//return json\_decode($response->getBody()->getContents());

**return response()->json([**

**'answer' => $response->getBody()->getContents(),**

**]);**

}

**---app.php**

...

],

'adminemail' => 'kan1001@mail.ru',

];

**php artisan config:cache**

**---mine.js**

success: function(data){

alert(data.answer);

},

**---mine.js**

success: function(data){

//alert(data.answer);

var data\_json=JSON.parse(data.answer);

if(data\_json['mail']) {

$('.result\_to\_email').html('Your message has been sending...');

$('.result\_to\_email').css('color', 'green');

}

**-----12 - Ajax-validation (Guzzle-Mailer)**

**---ProductController.php**

//public function mailer(Request $request)

public function mailer(MailerRequest $request)

{

...

use App\ {

Http\Requests\CartRequest,

Http\Requests\MailerRequest,

...

**---MailerRequest.php (copy from CartRequest.php)**

+

return $rules = [

'message' => 'bail|required|max:255',

'contact' => 'bail|required|max:255',

];

+

class MailerRequest extends Request

{

public $validator = null; **//if you need validator->errors() in Controller**

protected function failedValidation(\Illuminate\Contracts\Validation\Validator $validator) **//if you need validator->errors() in Controller**

{

$this->validator = $validator;

}

...

**---ProductController.php**

//public function mailer(Request $request)

public function mailer(MailerRequest $request)

{

if(isset($request->validator) && $request->validator->fails()) /**/if you need validator->errors() in Controller**

{

return json\_encode($request->validator->errors()); **//array of errors -> json (!JUST data, without 'answer' (client -> data.answer or data))**

}

return $this->repository->funcMailer($request);

}

**---mine.js**

success: function(data){

//alert(data.answer);

//alert(data);

**if(data.answer)** {

var data\_json=JSON.parse(**data.answer**);

if(data\_json['mail']) {

$('.result\_to\_email').html('Your message has been sending...');

$('.result\_to\_email').css('color', 'green');

}

}

else {

$('.result\_to\_email').html('There is any mistake...');

$('.result\_to\_email').css('color', 'red');

}

},

**or for showing errors of validation**

success: function(data){

//alert(data.answer);

//alert(data);

if(data.answer) {

var data\_json=JSON.parse(data.answer);

if(data\_json['mail']) {

$('.result\_to\_email').html('Your message has been sending...');

$('.result\_to\_email').css('color', 'green');

}

}

else {

//$('.result\_to\_email').html('There is any mistake...');

//$('.result\_to\_email').css('color', 'red');

var data\_json=JSON.parse(**data**);

**var errors='';**

**for(var i in data\_json) {**

**errors+=data\_json[i];**

**}**

$('.result\_to\_email').html(**errors**);

$('.result\_to\_email').css('color', 'red');

}

},