**Tutorial 03-A to do in class – Remember to upload the repo link to Teams**

**A. A cart system**

**Controller**

* Go to *app/http/Controllers/* and create a file *CartController.php*, with the following content:

|  |
| --- |
| **Add Entire Code** |

<?php

namespace App\Http\Controllers;

use Illuminate\Http\RedirectResponse;

use Illuminate\Http\Request;

use Illuminate\View\View;

class CartController extends Controller

{

public function index(Request $request): View

{

$products = []; //this simulates the database

$products[121] = ['name' => 'Tv samsung', 'price' => '1000'];

$products[11] = ['name' => 'Iphone', 'price' => '2000'];

$cartProducts = [];

$cartProductData = $request->session()->get('cart\_product\_data'); //we get the products stored in session

if ($cartProductData) {

foreach ($products as $key => $product) {

if (in\_array($key, array\_keys($cartProductData))) {

$cartProducts[$key] = $product;

}

}

}

$viewData = [];

$viewData['title'] = 'Cart - Online Store';

$viewData['subtitle'] = 'Shopping Cart';

$viewData['products'] = $products;

$viewData['cartProducts'] = $cartProducts;

return view('cart.index')->with('viewData', $viewData);

}

public function add(string $id, Request $request): RedirectResponse

{

$cartProductData = $request->session()->get('cart\_product\_data');

$cartProductData[$id] = $id;

$request->session()->put('cart\_product\_data', $cartProductData);

return back();

}

public function removeAll(Request $request): RedirectResponse

{

$request->session()->forget('cart\_product\_data');

return back();

}

}

**Views**

* Go to *resources/views/* and create a folder *cart*
* Go to *resources/views/cart* and create a file *index.blade.php* with the following content:

|  |
| --- |
| **Add Entire Code** |

@extends('layouts.app')

@section("title", $viewData["title"])

@section("subtitle", $viewData["subtitle"])

@section('content')

<div class="container">

<div class="row justify-content-center">

<div class="col-md-12">

<h1>Available products</h1>

<ul>

@foreach($viewData["products"] as $key => $product)

<li>

Id: {{ $key }} -

Name: {{ $product["name"] }} -

Price: {{ $product["price"] }} -

<a href="{{ route('cart.add', ['id'=> $key]) }}">Add to cart</a>

</li>

@endforeach

</ul>

</div>

</div>

<div class="row justify-content-center">

<div class="col-md-12">

<h1>Products in cart</h1>

<ul>

@foreach($viewData["cartProducts"] as $key => $product)

<li>

Id: {{ $key }} -

Name: {{ $product["name"] }} -

Price: {{ $product["price"] }}

</li>

@endforeach

</ul>

<a href="{{ route('cart.removeAll') }}">Remove all products from cart</a>

</div>

</div>

</div>

@endsection

**Routes**

* Go to *routes/web.php* and add these new routes by adding the next lines at the end of the file (check **bold**).

|  |
| --- |
| **Modify Bold Code** |

…

**Route::get('/cart', 'App\Http\Controllers\CartController@index')->name("cart.index");**

**Route::get('/cart/add/{id}', 'App\Http\Controllers\CartController@add')->name("cart.add");**

**Route::get('/cart/removeAll/', 'App\Http\Controllers\CartController@removeAll')->name("cart.removeAll");**

**Run the application**

Go to <http://127.0.0.1:8000/cart> add some products to the cart and remove them.

Interfaz de usuario gráfica, Aplicación, Sitio web

Descripción generada automáticamente

**Note:** complete the **Laravel Login tutorial** (which was uploaded to Teams files). It will be useful to understand some concepts in the next class.