Министерство образования Республики Беларусь

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Факультет компьютерных технологий

Кафедра информационных систем и технологий

Дисциплина: Веб-технологии.

ОТЧЁТ

по лабораторной работе

Вариант № 6

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Задание:

1. Подготовить и разместить сервер для веб-приложения
2. Осуществить верстку в соответствии с выбранным шаблоном
3. Используя PHP и БД реализовать функционал представленный в шаблонах

Результат выполненной лабораторной работы показан на рисунках 1-5.

A screenshot of a computer

Description automatically generated with medium confidence

**Рисунок 1 – Главная страница**

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**Рисунок 2 – Страница каталога товаров**

Graphical user interface, text

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**Рисунок 3 – Страница оформления заказов**

Graphical user interface, text

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**Рисунок 4 – Страница авторизации**

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**Рисунок 5 – Административная панель**

Код программы:

ShopController.php

<?php  
  
namespace App\Http\Controllers;  
  
use App\Models\Order;  
use App\Models\OrderItem;  
use App\Models\Product;  
use Illuminate\Http\Request;  
use Illuminate\Support\Facades\Auth;  
use Illuminate\Support\Facades\DB;  
  
class HomeController 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( 'welcome' );  
 }  
  
  
 public function shop(Request $request) {  
 if(isset($request->search)){  
 $products = Product::whereRaw('lower(title) like (?)',["%{$request->search}%"])->get();  
 }else{  
 $products = Product::all();  
 }  
 return view( 'shop', [  
 'products' => $products  
 ] );  
 }  
  
 public function product( Request $request ) {  
 return view( 'product', [  
 'product' => Product::findOrFail( $request->id )  
 ] );  
 }  
  
 public function checkout() {  
 return view( 'checkout' );  
 }  
  
 public function contact() {  
 return view( 'contact' );  
 }  
  
 public function store\_checkout( Request $request ) {  
 $order = new Order;  
 $order->user\_id = Auth::id();  
 $order->save();  
 $checkout = json\_decode( $request->checkout, true );  
 foreach ( $checkout as &$pItem ) {  
 $pItem = json\_decode( $pItem, true );  
 $orderItem = new OrderItem( [  
 'product\_id' => $pItem['id'],  
 'order\_id' => $order->id,  
 'count' => $pItem['count']  
 ] );  
 $orderItem->save();  
 }  
  
 return view( 'shop', [  
 'products' => Product::all(),  
 'success' => true  
 ] );  
 }  
}

Routes.php

<?php  
  
use Illuminate\Support\Facades\Route;  
  
/\*  
|--------------------------------------------------------------------------  
| Web Routes  
|--------------------------------------------------------------------------  
|  
| Here is where you can register web routes for your application. These  
| routes are loaded by the RouteServiceProvider within a group which  
| contains the "web" middleware group. Now create something great!  
|  
\*/  
  
//Route::get('/', function () {  
// return view('welcome');  
//});  
  
Auth::routes();  
  
Route::get( '/', [ App\Http\Controllers\HomeController::class, 'index' ] )->name( 'home' );  
Route::get( '/shop', [ App\Http\Controllers\HomeController::class, 'shop' ] )->name( 'shop' );  
Route::get( '/contact', [ App\Http\Controllers\HomeController::class, 'contact' ] )->name( 'contact' );  
Route::get( '/product/{id}', [ App\Http\Controllers\HomeController::class, 'product' ] )->name( 'product' );  
Route::get( '/checkout', [ App\Http\Controllers\HomeController::class, 'checkout' ] )->name( 'checkout' );  
Route::get( '/get\_product/{id}', [  
 App\Http\Controllers\AdminController::class,  
 'get\_product'  
] )->name( 'get\_product' );  
  
Route::group( [ 'prefix' => '/admin', 'middleware' => [ 'admin' ] ], function () {  
 Route::get( '/', [ \App\Http\Controllers\AdminController::class, 'index' ] )->name( 'admin-index' );  
 Route::get( '/product-edit', [  
 \App\Http\Controllers\AdminController::class,  
 'product\_edit'  
 ] )->name( 'product-edit' );  
 Route::get( '/delete-product', [  
 \App\Http\Controllers\AdminController::class,  
 'product\_delete'  
 ] )->name( 'product-delete' );  
 Route::get( '/orders', [  
 \App\Http\Controllers\AdminController::class,  
 'orders'  
 ] )->name( 'orders' );  
} );  
  
Route::post( '/product-store', [ \App\Http\Controllers\ProductController::class, 'store' ] )->name( 'product-store' );  
Route::post( '/product-update', [  
 \App\Http\Controllers\ProductController::class,  
 'update'  
] )->name( 'product-update' );  
Route::post( '/product-delete', [  
 \App\Http\Controllers\ProductController::class,  
 'destroy'  
] )->name( 'product-delete' );  
Route::post( '/store-checkout', [  
 \App\Http\Controllers\HomeController::class,  
 'store\_checkout'  
] )->name( 'store-checkout' );

AdminController.php

<?php  
  
namespace App\Http\Controllers;  
  
use App\Models\Order;  
use App\Models\Product;  
use Illuminate\Http\Request;  
  
class AdminController extends Controller {  
 public function index() {  
 return view( 'admin/index' );  
 }  
  
 public function product\_edit() {  
 return view( 'admin/product\_edit', [  
 'products' => Product::all()  
 ] );  
 }  
  
 public function product\_delete() {  
 return view( 'admin/product\_delete', [  
 'products' => Product::all()  
 ] );  
 }  
  
  
 public function get\_product( Request $request): \Illuminate\Http\JsonResponse {  
 $product = Product::find( $request->id );  
  
 return response()->json( [ 'product' => $product ] );  
 }  
  
 public function orders( Request $request) {  
 return view('admin/orders', [  
 'orders' => Order::all()  
 ]);  
 }  
}