مبادرة وزارة الاتصالات وتكنولوجيا المعلومات

لتمكين الشباب للعمل المهني الحر
# Youth Enablement for Freelancing

# Web Development

مطور صفحات انترنت

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Project name: POS
Project Idea: Small Idea of POS System

# Contents

# Project Description

- The project is a web application that mange products, selling operation and payments.

- The main objective of the project is to apply the knowledge gained from the course, such as:

    o PHP and SQL

    o Laravel Framework

    o Database design and migration

- In the project I have used the Laravel framework and SQLite Database, In the installation of the project it`s free to use any database drive, like:

    o SQLite

    o MySQL

    o SQL server

- In my configuration, I used SQLite Database for ease of testing.


In this documentation we will be overviewing over the App screens in depth, we will describe the final output of the code and the code itself.

**Hints:**

Suggesting run the app with the "php artisan serv" command.

In the project I used the Laravel-debugger, it's a tool to help debugging in the development environment, **BUT** it`s dangerous to use it in the production environment.

The tool can be disabled by changing the environment.

Before start the project, run " composer install " & " npm install "

So, with no farther toking let`s start,

# Entry

The app template is divided and designed to be easy for development and edit, I have created two layouts, one for login screen and one for the other views.

## The login layout

```
<!DOCTYPE html>
<html lang="{{ str_replace('_', '-', app()->getLocale()) }}">
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Final Project | {{ $data['page_title'] }}</title>
    <meta name="keywords" content="{{ $data['page_title'] }}" >
    <link rel="stylesheet" href="{{ asset('css/app.css') }}">
</head>
<body class="hold-transition login-page">
    <div class="login-box">
        @yield('content')
    </div>
    <script src="{{ asset('js/manifest.js') }}"></script>
    <script src="{{ asset('js/app.js') }}"></script>
    <script src="{{ asset('js/adminlte.js') }}"></script>
    <script src="{{ asset('js/fontawesome.js') }}"></script>
    <script src="{{ asset('js/vendor.js') }}"></script>
    @yield('scripts')
</body>
</html>
```

## Main Layout

```
<!DOCTYPE html>
<html lang="{{ str_replace('_', '-', app()->getLocale()) }}">
    <head>
        <meta charset="utf-8">
        <meta name="viewport" content="width=device-width, initial-scale=1">
        <title>Final Project | {{ $data['page_title'] }}</title>
        <meta name="keywords" content="{{ $data['page_title'] }}" >
        <link rel="stylesheet" href="{{ asset('css/app.css') }}">
    </head>
    <body class="hold-transition sidebar-mini">
        <div class="wrapper">
            @include('partials.nav')
            @include('partials.sidebar')
            @yield('nav')
            <div class="content-wrapper">
                @include('partials.breadcrumbs')
                @yield('content')
            </div>
            @include('partials.footer')
        </div>
        <script src="{{ asset('js/manifest.js') }}"></script>
        <script src="{{ asset('js/app.js') }}"></script>
        <script src="{{ asset('js/adminlte.js') }}"></script>
        <script src="{{ asset('js/fontawesome.js') }}"></script>
```

```
        <script src="{{ asset('js/vendor.js') }}"></script>
        @yield('scripts')
    </body>
</html>
```

## Routes

The routes are the URL generating and pointing to the controllers.

```php
<?php
use App\Http\Controllers\Auth\LoginController;
use App\Http\Controllers\Auth\LogoutController;
use App\Http\Controllers\CategoryController;
use App\Http\Controllers\CustomerController;
use App\Http\Controllers\HomeController;
use App\Http\Controllers\OrderController;
use App\Http\Controllers\OrdersProductsController;
use App\Http\Controllers\ProductController;
use App\Http\Controllers\TransactionController;
use App\Http\Controllers\UserController;
use Illuminate\Support\Facades\Route;


Route::get('/', [HomeController::class, 'index'])->name('/');
// Categories
Route::get('/categories', [CategoryController::class, 'index'])->name('categories');
Route::get('/categories/add', [CategoryController::class, 'add_form'])->name('categories.add');
Route::post('/categories/add', [CategoryController::class, 'add'])->name('categories.add');
Route::get('/categories/{category}/edit', [CategoryController::class, 'edit_form'])-
>name('categories.edit');
Route::put('/categories/{category}/edit', [CategoryController::class, 'edit'])->name('categories.edit');
Route::delete('/categories/{category}', [CategoryController::class, 'destroy'])-
>name('categories.destroy');
// Products
Route::get('/products', [ProductController::class, 'index'])->name('products');
Route::get('/products/add', [ProductController::class, 'add_form'])->name('products.add');
Route::post('/products/add', [ProductController::class, 'add'])->name('products.add');
Route::get('/products/{product}/edit', [ProductController::class, 'edit_form'])->name('products.edit');
Route::put('/products/{product}/edit', [ProductController::class, 'edit'])->name('products.edit');
Route::delete('/products/{product}', [ProductController::class, 'destroy'])->name('products.destroy');
// Customers
Route::get('/customers', [CustomerController::class, 'index'])->name('customers');
Route::get('/customers/add', [CustomerController::class, 'add_form'])->name('customers.add');
Route::post('/customers/add', [CustomerController::class, 'add'])->name('customers.add');
Route::get('/customers/{customer}/edit', [CustomerController::class, 'edit_form'])-
>name('customers.edit');
Route::put('/customers/{customer}/edit', [CustomerController::class, 'edit'])->name('customers.edit');
Route::delete('/customers/{customer}', [CustomerController::class, 'destroy'])-
>name('customers.destroy');
// Orders
Route::get('/orders', [OrderController::class, 'index'])->name('orders');
Route::get('/orders/add', [OrderController::class, 'add_form'])->name('orders.add');
Route::post('/orders/add', [OrderController::class, 'add'])->name('orders.add');
Route::get('/orders/{product}/edit', [OrderController::class, 'edit_form'])->name('orders.edit');
Route::put('/orders/{product}/edit', [OrderController::class, 'edit'])->name('orders.edit');
```

```php
Route::delete('/orders/{product}', [OrderController::class, 'destroy'])->name('orders.destroy');
Route::get('/orders/{order}/view', [OrderController::class, 'view'])->name('orders.view');
// orders operations fetch route
Route::POST('/products/get_price', [ProductController::class, 'get_price'])->name('products.get_price');
Route::POST('/products/get_products', [ProductController::class, 'get_products_with_category'])-
>name('products.get_products');
Route::POST('/products/add_product', [OrdersProductsController::class, 'add_products_to_order'])-
>name('products.add_product');
Route::POST('/products/delete_product', [OrdersProductsController::class, 'delete_product_from_order'])-
>name('products.delete_product');
// Transactions
Route::get('/transactions', [TransactionController::class, 'index'])->name('transactions');
Route::POST('/transactions', [TransactionController::class, 'pay'])->name('transactions.pay');
Route::delete('/transactions/{product}', [TransactionController::class, 'destroy'])-
>name('transactions.destroy');
// Auth
Route::post('/logout', [LogoutController::class, 'logout'])->name('logout');
Route::get('/login', [LoginController::class, 'index'])->name('login');
Route::post('/login', [LoginController::class, 'login']);
// User
Route::get('/users', [UserController::class, 'index'])->name('users');
Route::get('/users/add', [UserController::class, 'add_form'])->name('users.add');
Route::post('/users/add', [UserController::class, 'add'])->name('users.add');
Route::get('/users/{user}/edit', [UserController::class, 'edit_form'])->name('users.edit');
Route::put('/users/{user}/edit', [UserController::class, 'edit'])->name('users.edit');
Route::delete('/users/{user}', [UserController::class, 'destroy'])->name('users.destroy');
```

# Login

The login screen is the first screen in the app, it will open the app by opening a session for you to be able to use the App.

Login to the system using that credential:

      Email: admin@pos.com

      Password: 12345678
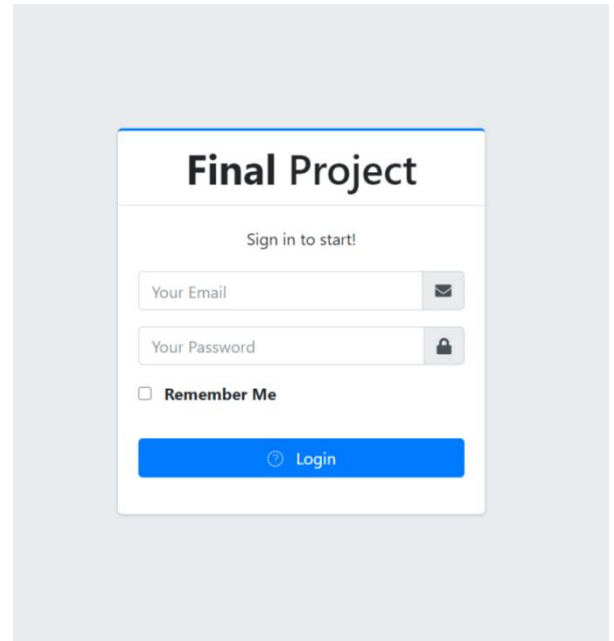
```
@extends('layouts.main')
@section('content')
<div class="card card-outline card-primary">
    <div class="card-header text-center">
        <a href="" class="h1"><b>Final</b> Project</a>
    </div>
    <div class="card-body">
        <p class="login-box-msg">Sign in to start!</p>
        <form action="{{ route('login') }}" method="POST">
            @csrf
            @if(session('status'))
            <div class="bg-red p-4 rounded-lg mb-6 text-white text-center">
                {{ session('status') }}
            </div>
            @endif
            <div class="input-group mb-3">
                <input type="email" class="form-control @error('email') border-
red @enderror" name="email" id="email" placeholder="Your Email" value="{{ old('email') }}"
 >
                <div class="input-group-append">
                    <div class="input-group-text">
                        <span class="fas fa-envelope"></span>
                    </div>
                </div>
            </div>
            @error('email')
            <div class="text-red mt-2 text-sm mb-2">
                {{ $message }}
            </div>
            @enderror
            <div class="input-group mb-3">
                <input type="password" class="form-control @error('password') border-
red @enderror" name="password" id="password" placeholder="Your Password">
                <div class="input-group-append">
                    <div class="input-group-text">
                        <span class="fas fa-lock"></span>
                    </div>
                </div>
```

```
            </div>
            @error('password')
            <div class="text-red mt-2 text-sm mb-2">
                {{ $message }}
            </div>
            @enderror
            <div class="mb-4">
                <div class="flex items-center">
                    <input type="checkbox" name="remember" id="remember" class="mr-2">
                    <label for="remember">Remember Me</label>
                </div>
            </div>
            <div class="social-auth-links text-center mt-2 mb--3">
                <button class="btn btn-block btn-primary"><i class="fab fa-login mr-
2"></i> Login </button>
            </div>
        </form>
    </div>
    <!-- /.card-body -->
</div>
@endsection
```

After successfully login to the App, the first screen to had is the home screen.
The home screen has some sections such as:

- Aside menu
- Header bar
- Footer bar

And these parts are constant in the all the App screens, the special for the home is the body, we will take about each section in depth.

# Aside Menu

Aside menu is a constant part of the app to navigate the app parts.

The links, is:

- **The User Name "Tarek Wagih Salama":**
  In click the user name a right-aside is open to view the current logged in user information
- **Dashboard:**
  To return to the home page
- **Categories:**
  To go to the categories management screen
- **Products:**
  To go to products management screen
- **Customers:**
  To go to customers management screen
- **Transactions:**
  To view the transactions of the payments in the App
- **Orders:**
  To go to the orders management screen for open and view opened orders
- **Users:**
  To manage the users of the system

```html
<!-- Main Sidebar Container -->
<aside class="main-sidebar sidebar-dark-primary elevation-4">
    <!-- Brand Logo -->
    <a href="{{ route('/') }}" class="brand-link align-content-center">
        <span class="mr-auto p-2"><i class="fa fa-trophy ml-2 align-self-center"></i></span>
        <span class="brand-text font-weight-light">Final Project</span>
    </a>
    <!-- Sidebar -->
    <div class="sidebar">
        <!-- Sidebar user (optional) -->
        <div class="user-panel mt-3 pb-3 mb-3 d-flex">
            <div class="image">
                <img src="{{ asset(auth()->user()->image) }}" class="img-circle elevation-2" alt="User Image">
            </div>
            <div class="info">
                <a data-widget="control-sidebar" data-slide="true" href="#" role="button" class="d-block">{{ auth()->user()->name }}</a>
            </div>
        </div>
        <!-- Sidebar Menu -->
        <nav class="mt-2">
            <ul class="nav nav-pills nav-sidebar flex-column" data-widget="treeview" role="menu" data-accordion="false">
                <li class="nav-item">
                    <a href="{{ route('/') }}" class="nav-link">
                        <i class="nav-icon fas fa-tachometer-alt"></i>
                        <p>
```

```html
                    Dashboard
                </p>
            </a>
        </li>
        <li class="nav-item">
            <a href="{{ route('categories') }}" class="nav-link">
                <i class="nav-icon fas fa-tasks"></i>
                <p>
                    Categories
                </p>
            </a>
        </li>
        <li class="nav-item">
            <a href="{{ route('products') }}" class="nav-link">
                <i class="nav-icon fas fa-podcast"></i>
                <p>
                    Products
                </p>
            </a>
        </li>
        <li class="nav-item">
            <a href="{{ route('customers') }}" class="nav-link">
                <i class="nav-icon fa fa-universal-access"></i>
                <p>
                    Customers
                </p>
            </a>
        </li>
        <li class="nav-item">
            <a href="{{ route('transactions') }}" class="nav-link">
                <i class="nav-icon fa fa-file-invoice-dollar"></i>
                <p>
                    Transactions
                </p>
            </a>
        </li>
        <li class="nav-item">
            <a href="{{ route('orders') }}" class="nav-link">
                <i class="nav-icon fa fa-shopping-cart"></i>
                <p>
                    Orders
                </p>
            </a>
        </li>
        <li class="nav-item">
            <a href="{{ route('users') }}" class="nav-link">
                <i class="nav-icon fas fa-users"></i>
                <p>
                    Users
                </p>
            </a>
        </li>
    </ul>
</nav>
```
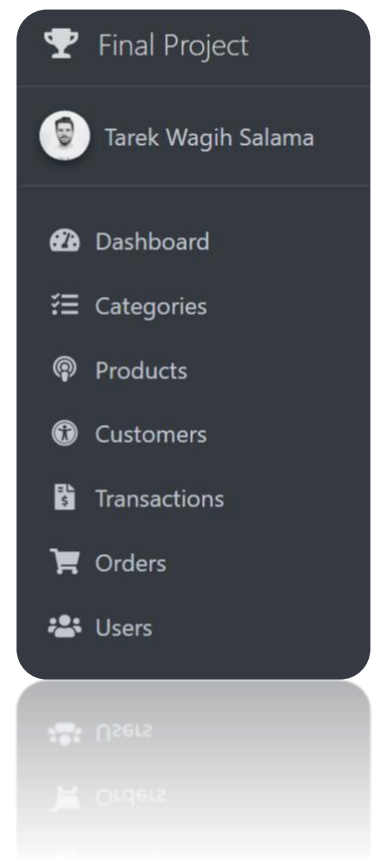
```
        <!-- /.sidebar-menu -->
    </div>
    <!-- /.sidebar -->
</aside>
```

## User information aside bar

That bar is open when click on the user name on the aside menu and it shows the user photo, name, username and email.

The information apers in that section is loaded from the session which was opened from the login.



Current User Data

```
<aside class="control-sidebar control-sidebar-dark">
    <img src="{{ asset(auth()->user()->image) }}" class="rounded mx-
auto d-block mt-3" alt="{{ auth()->user()->name }}">

    <div class="p-3 control-sidebar-content">
        <h5>Current User Data</h5>
        <hr class="mb-2">
        <h6>Name</h6>
        <div class="mb-1"><input type="text" value="{{ auth()->user()-
>name }}" class="mr-1"></div>
        <hr class="mb-2">
        <h6>Username</h6>
        <div class="mb-1"><input type="text" value="{{ auth()->user()-
>username }}" class="mr-1"></div>
        <hr class="mb-2">
        <h6>Email</h6>
        <div class="mb-1"><input type="text" value="{{ auth()->user()->email }}" class="mr-1"></div>
    </div>
</aside>
```

## Header

the header section has some buttons, such as:

- **Logout**: that button logs the user out and destroy the session.

- **Right of logout**: full screen button and logged in user information bar open button.

- **On the hard left**: button to collapse the aside menu.



```
<!-- Navbar -->
<nav class="main-header navbar navbar-expand navbar-white navbar-light">
    <!-- Left navbar links -->
    <ul class="navbar-nav">
        <li class="nav-item">
```

```html
                    <a class="nav-link" data-widget="pushmenu" href="#" role="button"><i class="fas fa-bars"></i></a>
        </li>
        <li class="nav-item d-none d-sm-inline-block">
            <a href="{{ route('/') }}" class="nav-link">Home</a>
        </li>
    </ul>
    <!-- Right navbar links -->
    <ul class="navbar-nav ml-auto">
        <li class="nav-item">
            <a class="nav-link" data-widget="fullscreen" href="#" role="button">
                <i class="fas fa-expand-arrows-alt"></i>
            </a>
        </li>
        <li class="nav-item">
            <a class="nav-link" data-widget="control-sidebar" data-slide="true" href="#" role="button">
                <i class="fas fa-th-large"></i>
            </a>
        </li>
        <li class="nav-item">
            <form action="{{ route('logout') }}" method="POST" id="logout_form" class="nav-link">
                @csrf
                <button type="submit" class="btn btn-sm btn-danger" >Logout</button>
            </form>
        </li>
    </ul>
</nav>
<!-- /.navbar -->
```

## Footer

In the footer there is to parts, the copy rights part in the hard left and the developer part in the right.

Copyright © 2021 **Final Project.** All rights reserved.                                                    By Tarek Wagih

```html
<footer class="main-footer">
    <div class="float-right d-none d-sm-block">
        By <a href="https://github.com/tarekwagih43" target="_blank">Tarek Wagih</a>
    </div>
    <strong>Copyright &copy; {{ date('Y') }} <a href="{{ route('/') }}">Final Project</a>.</strong> All rights reserved.
</footer>
```

# Dashboard

- The dashboard is a simple page showing counters for customers, users, orders and products.
- The second part is the table shows sold products and the sold quantity of that products.
  - o That part is having pagination ability for more loading speed in the big data.
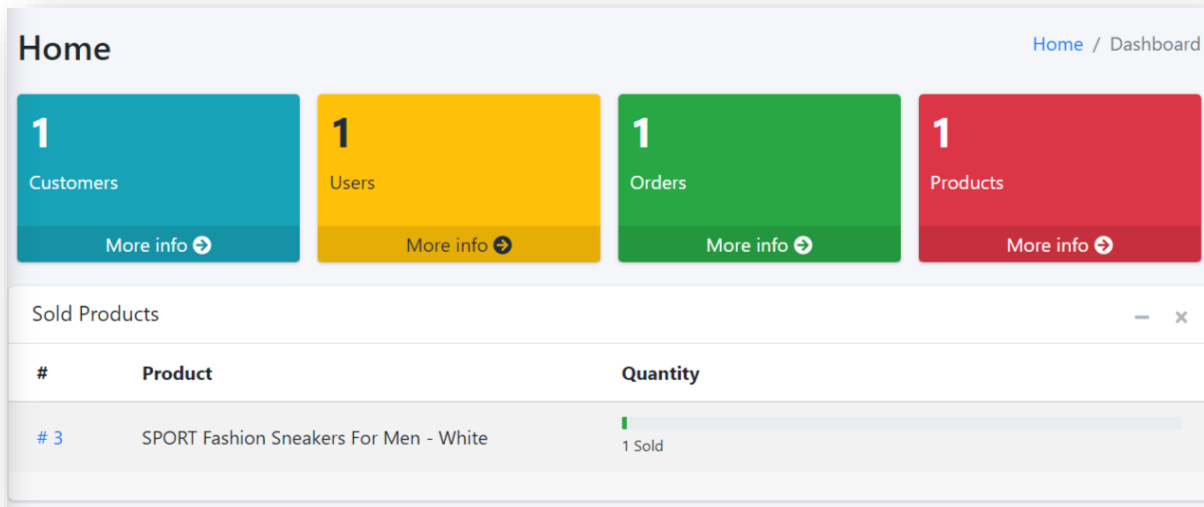


```
@extends('layouts.app')
@section('content')
<!-- Main content -->
<section class="content">
    <div class="container-fluid">
        <!-- Small boxes (Stat box) -->
        <div class="row">
            <div class="col-lg-3 col-6">
                <!-- small box -->
                <div class="small-box bg-info">
                    <div class="inner">
                        <h3>{{ $data['total_customers'] }}</h3>
                        <p>Customers</p>
                    </div>
                    <div class="icon">
                        <i class="ion ion-bag"></i>
                    </div>
                    <a href="{{ route('customers') }}" class="small-box-
footer">More info <i class="fas fa-arrow-circle-right"></i></a>
                </div>
            </div>
            <!-- ./col -->
            <div class="col-lg-3 col-6">
                <!-- small box -->
                <div class="small-box bg-warning">
                    <div class="inner">
                        <h3>{{ $data['total_users'] }}</h3>
                        <p>Users</p>
                    </div>
                    <div class="icon">
                        <i class="ion ion-stats-bars"></i>
                    </div>
```

```html
                <a href="{{ route('users') }}" class="small-box-footer">More info <i class="fas fa-
arrow-circle-right"></i></a>
                </div>
            </div>
            <!-- ./col -->
            <div class="col-lg-3 col-6">
                <!-- small box -->
                <div class="small-box bg-success">
                    <div class="inner">
                        <h3>{{ $data['total_orders'] }}</h3>
                        <p>Orders</p>
                    </div>
                    <div class="icon">
                        <i class="ion ion-person-add"></i>
                    </div>
                    <a href="{{ route('orders') }}" class="small-box-footer">More info <i class="fas fa-
arrow-circle-right"></i></a>
                </div>
            </div>
            <!-- ./col -->
            <div class="col-lg-3 col-6">
                <!-- small box -->
                <div class="small-box bg-danger">
                    <div class="inner">
                        <h3>{{ $data['total_products'] }}</h3>
                        <p>Products</p>
                    </div>
                    <div class="icon">
                        <i class="ion ion-pie-graph"></i>
                    </div>
                    <a href="{{ route('products') }}" class="small-box-
footer">More info <i class="fas fa-arrow-circle-right"></i></a>
                </div>
            </div>
            <!-- ./col -->
        </div>
        <!-- /.row -->
    </div><!-- /.container-fluid -->
    <!-- Default box -->
    <div class="card">
        <div class="card-header">
            <h3 class="card-title">Sold Products</h3>
            <div class="card-tools">
                <button type="button" class="btn btn-tool" data-card-widget="collapse" title="Collapse">
                    <i class="fas fa-minus"></i>
                </button>
                <button type="button" class="btn btn-tool" data-card-widget="remove" title="Remove">
                    <i class="fas fa-times"></i>
                </button>
            </div>
        </div>
        <div class="card-body p-0">
            <table class="table table-striped projects">
                <thead>
```

```blade
                        <tr>
                            <th style="width: 10%">
                                #
                            </th>
                            <th style="width: 40%">
                                Product
                            </th>
                            <th>
                                Quantity
                            </th>
                        </tr>
                    </thead>
                    <tbody>
                        @if ($data['products']->count())
                        @foreach ($data['products'] as $product)
                        <tr>
                            <td><a href="{{ route('products.edit', $product->product_id) }}"> # {{ $product->product_id }} </a></td>
                            <td>{{ $product->title }}</td>
                            <td class="project_progress">
                                <div class="progress progress-sm">
                                    <div class="progress-bar bg-green" role="progressbar" aria-valuenow="{{ $product->quantity }}" aria-valuemin="0" aria-valuemax="{{ $product->quantity }} + 100" style="width: {{ $product->quantity }}%">
                                    </div>
                                </div>
                                <small>
                                    {{ $product->quantity }} Sold
                                </small>
                            </td>
                        </tr>
                        @endforeach
                        @else
                        <tr scope="row" class="text-center">
                            <td colspan="3"><span class="text-danger"> No products</span></td>
                        </tr>
                        @endif
                    </tbody>
                </table>
            </div>
            <div class="card-footer clearfix">
                <ul class="pagination pagination-sm m-0 float-right">
                    {{ $data['products']->links() }}
                </ul>
            </div>
            <!-- /.card-body -->
        </div>
        <!-- /.card -->
</section>
<!-- /.content -->
@endsection
```

# Categories

The category section is to categories the products in the App.

It could be one or more, with the add button can add new category with just the name.

It is ease and possible to edit the category with the button Edit for each category.

Delete a category is very simple just a click on the delete button.



```
@extends('layouts.app')
@section('content')
<!-- Main content -->
<section class="content">
    <div class="container-fluid">
        <div class="row">
            @if(Session::get('success'))
            <div class="col-md-12">
                    <div class="text-green mt-2 mb-2 text-lg text-center">
                        {{ Session::get('success') }}
            </div>
            </div>
            @endif
            @if(Session::get('error'))
            <div class="col-md-12">
                    <div class="text-danger mt-2 mb-2 text-lg text-center">
                        {{ Session::get('error') }}
            </div>
            </div>
            @endif
            <div class="col-md-12">
                <div class="card">
                    <div class="card-header justify-content-between align-items-center">
                        <h3 class="card-title p-1">{{ $data['page_title'] }}</h3>
                        <h6 class="float-right"><a href="{{ route('categories.add') }}" class="btn btn-
primary"> Add Category</a></h6>
                    </div>
                    <div class="card-body">
                        <table class="table table-bordered">
                            <thead>
                                <tr>
                                    <th style="width: 20%">#</th>
                                    <th style="width: 50%">Title</th>
```

```
                                <th style="width: 30%" class="sr-only">Action</th>
                            </tr>
                        </thead>
                        <tbody>
                            @if ($data['categories']->count())
                            @foreach ($data['categories'] as $category)
                            <tr scope="row">
                                <td>{{ $category->id }}</td>
                                <td>{{ $category->title }}</td>
                                <td><a href="{{ route('categories.edit', $category) }}" class="d-
inline"><span class="btn btn-sm btn-success mr-3">Edit</span></a>
                                    <form action="{{ route('categories.destroy', $category) }}" metho
d="POST" class="d-inline">

                                        @csrf
                                        @method('delete')
                                        <input type="hidden" name="id" id="id" value="{{ $category-
>id }}">

                                        <button type="submit" class="btn btn-sm btn-
danger">Delete</button>
                                    </form>
                                </td>
                            </tr>
                            @endforeach
                            @else
                            <tr scope="row" class="text-center">
                                <td colspan="3"><span class="text-danger"> No Categories</span></td>
                            </tr>
                            @endif
                        </tbody>
                    </table>
                </div>
                <!-- /.card-body -->
                <div class="card-footer clearfix">
                    <ul class="pagination pagination-sm m-0 float-right">
                        {{ $data['categories']->links() }}
                    </ul>
                </div>
            </div>
            <!-- /.card -->


        </div>
        <!-- /.col -->
    </div>
    <!-- /.row -->
  </div><!-- /.container-fluid -->
</section>
<!-- /.content -->
@endsection
```
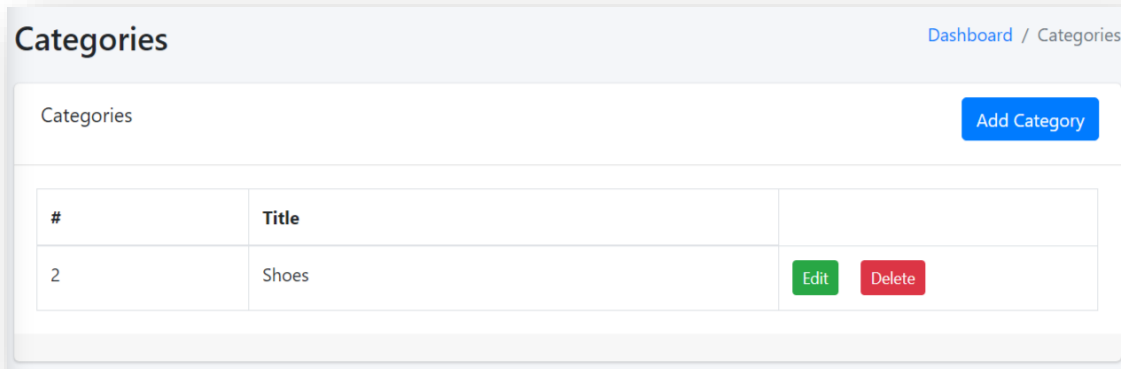
## Add Category
Add category section is to add category split products with each group named.

```blade
@extends('layouts.app')
@section('content')
<!-- Main content -->
<section class="content">
    <div class="container-fluid">
        <div class="row">
            <!-- left column -->
            <div class="col-md-12">
                <!-- jquery validation -->
                <div class="card card-primary">
                    <div class="card-header">
                        <h3 class="card-title">Add Category</h3>
                    </div>
                    <!-- /.card-header -->
                    <!-- form start -->
                    <form id="add_category" action="{{ route('categories.add') }}" method="POST">
                        @csrf
                        @method('POST')
                        <div class="card-body">
                            <div class="form-group">
                                <label for="title">Category Title</label>
                                <input type="text" name="title" class="form-control" id="title" placeholder="Category Title">
                            </div>
                        </div>
                        <!-- /.card-body -->
                        <div class="card-footer">
                            <button type="submit" class="btn btn-primary float-right">Add Category</button>
                        </div>
                    </form>
                </div>
                <!-- /.card -->
            </div>
            <!--/.col (left) -->
        </div>
        <!-- /.row -->
    </div><!-- /.container-fluid -->
</section>
<!-- /.content -->
@endsection
```

# Edit Category

Edit category section is to Edit category.



```
@extends('layouts.app')
@section('content')
<!-- Main content -->
<section class="content">
    <div class="container-fluid">
        <div class="row">
            @if(Session::get('success'))
            <div class="col-md-12">
                    <div class="text-green mt-2 mb-2 text-lg text-center">
                        {{ Session::get('success') }}
                    </div>
            </div>
            @endif
            <!-- left column -->
            <div class="col-md-12">
                <!-- jquery validation -->
                <div class="card card-primary">
                    <div class="card-header">
                        <h3 class="card-title">{{ $data['category']['title'] }} <small>Edit</small></h3>
                    </div>
                    <!-- /.card-header -->
                    <!-- form start -->
                    <form id="add_category" action="{{ route('categories.edit', $data['category']) }}" method="POST">
                        @csrf
                        @method('PUT')
                        <input type="hidden" name="id" id="id" value="{{ $data['category']['id'] }}">
                        <div class="card-body">
                            <div class="form-group">
                                <label for="title">Title</label>
                                <input type="text" name="title" class="form-control" id="title" placeholder="Category Title" value="{{ $data['category']['title'] }}">
                            </div>
                        </div>
                        <!-- /.card-body -->
                        <div class="card-footer">
```

```
                        <button type="submit" class="btn btn-primary float-
right">Edit Category</button>
                    </div>
                </form>
            </div>
            <!-- /.card -->
        </div>
        <!--/.col (left) -->
    </div>
    <!-- /.row -->
  </div><!-- /.container-fluid -->
</section>
<!-- /.content -->
@endsection
```

## Products

The products section is to manage the products that will be sold in the app.



```
@extends('layouts.app')
@section('content')
<!-- Main content -->
<section class="content">
    <div class="container-fluid">
        <div class="row">
            @if(Session::get('success'))
            <div class="col-md-12">
                <div class="text-green mt-2 mb-2 text-lg text-center">
                    {{ Session::get('success') }}
                </div>
            </div>
            @endif
            @if(Session::get('error'))
            <div class="col-md-12">
                <div class="text-danger mt-2 mb-2 text-lg text-center">
                    {{ Session::get('error') }}
                </div>
```

```html
                </div>
            @endif
            <div class="col-md-12">
                <div class="card">
                    <div class="card-header justify-content-between align-items-center">
                        <h3 class="card-title p-1 mt-auto mb-auto">{{ $data['page_title'] }}</h3>
                        <h6 class="float-right"><a href="{{ route('products.add') }}" class="btn btn-primary"> Add Product</a></h6>
                    </div>
                    <div class="card-body">
                        <table class="table table-bordered">
                            <thead>
                                <tr>
                                    <th style="width: 10%">#</th>
                                    <th style="width: 30%">Image</th>
                                    <th style="width: 20%">Title</th>
                                    <th style="width: 20%">Category</th>
                                    <th style="width: 20%" class="sr-only">Action</th>
                                </tr>
                            </thead>
                            <tbody class="align-items-center">
                                @if ($data['products']->count())
                                @foreach ($data['products'] as $product)
                                <tr scope="row">
                                    <td>{{ $product->id }}</td>
                                    <td style="max-height: 300px;"> <img src="{{ asset($product->image) }}" alt="{{ $product->title }}" class="d-inline-block img-thumbnail"> </td>
                                    <td>{{ $product->title }}</td>
                                    <td>{{ $product->category_title }}</td>
                                    <td><a href="{{ route('products.edit', $product->id) }}" class="d-inline"><span class="btn btn-sm btn-success mr-3 ">Edit</span></a>
                                        <form action="{{ route('products.destroy', $product->id) }}" method="POST" class="d-inline">
                                            @csrf
                                            @method('delete')
                                            <input type="hidden" name="id" id="id" value="{{ $product->id }}">
                                            <button type="submit" class="btn btn-sm btn-danger">Delete</button>
                                        </form>
                                    </td>
                                </tr>
                                @endforeach
                                @else
                                <tr scope="row" class="text-center">
                                    <td colspan="5"><span class="text-danger"> No products</span></td>
                                </tr>
                                @endif
                            </tbody>
                        </table>
                    </div>
                    <!-- /.card-body -->
                    <div class="card-footer clearfix">
                        <ul class="pagination pagination-sm m-0 float-right">
```
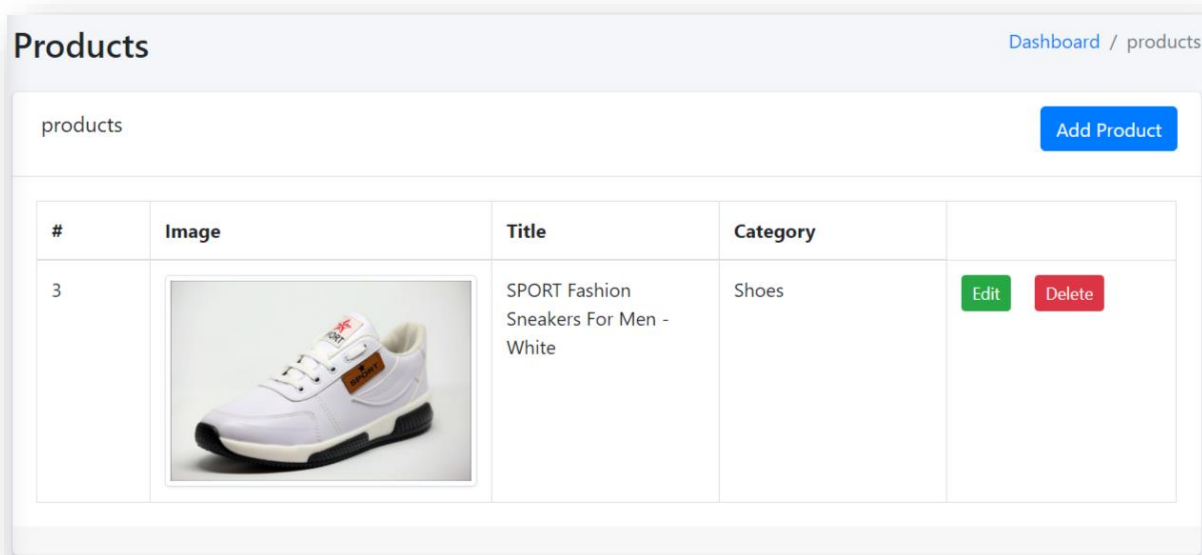
```
                    {{ $data['products']->links() }}
                </ul>
            </div>
        </div>
        <!-- /.card -->
    </div>
    <!-- /.col -->
    </div>
    <!-- /.row -->
    </div><!-- /.container-fluid -->
</section>
<!-- /.content -->
@endsection
```

## Add Product

To add product, you need to enter some data like, Title, Price, Category, Description, and Image.



```
@extends('layouts.app')
@section('content')
<!-- Main content -->
<section class="content">
    <div class="container-fluid">
        <div class="row">
            <!-- left column -->
            <div class="col-md-12">
                <!-- jquery validation -->
                <div class="card card-primary">
                    <div class="card-header">
                        <h3 class="card-title">Add product</h3>
                    </div>
                    <!-- /.card-header -->
                    <!-- form start -->
                    <form id="add_product" action="{{ route('products.add') }}" method="POST" enctype="mu
ltipart/form-data">
```

```
                    @csrf
                    @method('POST')
                    <div class="card-body">
                        <div class="form-group">
                            <label for="title">product Title</label>
                            <input type="text" name="title" class="form-
control" id="title" placeholder="product Title" value="{{ old('title') }}">
                            @error('title')
                            <div class="text-red mt-2 text-sm">
                                {{ $message }}
                            </div>
                            @enderror
                        </div>
                        <div class="form-group">
                            <label for="price">product Price</label>
                            <input type="number" name="price" class="form-
control" id="price" placeholder="product price" value="{{ old('price') }}">
                            @error('price')
                            <div class="text-red mt-2 text-sm">
                                {{ $message }}
                            </div>
                            @enderror
                        </div>
                        <div class="form-group">
                            <label for="category_id">Category</label>
                            <select class="form-control" name="category_id" id="category_id">
                                @if ($data['categories']->count())
                                @foreach ($data['categories'] as $category)
                                <option value="{{ $category->id }}">{{ $category->title }}</option>
                                @endforeach
                                @else
                                <option class="text-red"> NO Categories</option>
                                @endif
                            </select>
                        </div>
                        <div class="form-group">
                            <label for="description">Description</label>
                            <textarea name="description" id="description" class="form-
control" rows="3" placeholder="product description">{{ old('description') }}</textarea>
                            @error('description')
                            <div class="text-red mt-2 text-sm">
                                {{ $message }}
                            </div>
                            @enderror
                        </div>
                        <div class="form-group">
                            <label for="image">Image</label>
                            <div class="input-group">
                                    <input type="file" class="custom-file-
input" id="image" name="image">
                                    <label class="custom-file-
label" for="image">Product Image</label>
                            </div>
                            @error('image')
```

```
                          <div class="text-red mt-2 text-sm">
                              {{ $message }}
                          </div>
                          @enderror
                    </div>
                </div>
                <!-- /.card-body -->
                <div class="card-footer">
                    <button type="submit" class="btn btn-primary float-
right">Add product</button>
                </div>
            </form>
        </div>
        <!-- /.card -->
    </div>
    <!--/.col (left) -->
</div>
<!-- /.row -->
</div><!-- /.container-fluid -->
</section>
<!-- /.content -->
@endsection
```

## Edit Product



```
@extends('layouts.app')
@section('content')
<!-- Main content -->
<section class="content">
    <div class="container-fluid">
        <div class="row">
            @if(Session::get('success'))
            <div class="col-md-12">
```

```html
                    <div class="text-green mt-2 mb-2 text-lg text-center">
                        {{ Session::get('success') }}
                    </div>
                </div>
                @endif
                <!-- left column -->
                <div class="col-md-12">
                    <!-- jquery validation -->
                    <div class="card card-primary">
                        <div class="card-header">
                            <h3 class="card-title">{{ $data['product']['title'] }} <small>Edit</small></h3>
                        </div>
                        <!-- /.card-header -->
                        <!-- form start -->
                        <form id="add_product" action="{{ route('products.edit', $data['product']) }}" method="POST" enctype="multipart/form-data">
                            @csrf
                            @method('PUT')
                            <input type="hidden" name="id" id="id" value="{{ $data['product']['id'] }}">
                            <div class="card-body">
                                <div class="form-group">
                                    <label for="title">product Title</label>
                                    <input type="text" name="title" class="form-control" id="title" placeholder="product Title" value="{{ $data['product']['title'] }}">
                                    @error('title')
                                    <div class="text-red mt-2 text-sm">
                                        {{ $message }}
                                    </div>
                                    @enderror
                                </div>
                                <div class="form-group">
                                    <label for="price">product Price</label>
                                    <input type="number" name="price" class="form-control" id="price" placeholder="product price" value="{{ $data['product']['price'] }}">
                                    @error('price')
                                    <div class="text-red mt-2 text-sm">
                                        {{ $message }}
                                    </div>
                                    @enderror
                                </div>
                                <div class="form-group">
                                    <label for="category_id">Category</label>
                                    <select class="form-control" name="category_id" id="category_id">
                                        @if ($data['categories']->count())
                                        @foreach ($data['categories'] as $category)
                                        <option value="{{ $category->id }}" @if ($data['product']['category_id']==$category->id) selected @endif>{{ $category->title }}</option>
                                        @endforeach
                                        @else
                                        <option class="text-red"> NO Categories</option>
                                        @endif
                                    </select>
                                </div>
```

```html
                            <div class="form-group">
                                <label for="description">Description</label>
                                <textarea name="description" id="description" class="form-
control" rows="3" placeholder="product description">{{ $data['product']['description'] }}</textarea>
                                @error('description')
                                <div class="text-red mt-2 text-sm">
                                    {{ $message }}
                                </div>
                                @enderror
                            </div>
                            <div class="form-group">
                                <label for="image">Image</label>
                                <div class="input-group">
                                    <div class="d-flex justify-content-between align-items-center">
                                        <div class="col-4">
                                            <img src="{{ asset($data['product']['image']) }}" alt="{{ $da
ta['product']['title'] }}" class="img-thumbnail">

                                        </div>
                                        <div class="col-8">
                                            <input type="file" class="custom-file-
input" id="image" name="image">
                                            <label class="custom-file-
label" for="image">Product Image</label>

                                        </div>
                                    </div>
                                </div>
                                @error('image')
                                <div class="text-red mt-2 text-sm">
                                    {{ $message }}
                                </div>
                                @enderror
                            </div>
                        </div>
                        <!-- /.card-body -->
                        <div class="card-footer">
                            <button type="submit" class="btn btn-primary float-
right">Edit product</button>
                        </div>
                    </form>
                </div>
                <!-- /.card -->
            </div>
            <!--/.col (left) -->
        </div>
        <!-- /.row -->
    </div><!-- /.container-fluid -->
</section>
<!-- /.content -->
@endsection
```

# Customers



```blade
</head>
<div class="col-md-12">
    <div class="card">
        <div class="card-header justify-content-between align-items-center">
            <h3 class="card-title p-1">{{ $data['page_title'] }}</h3>
            <h6 class="float-right"><a href="{{ route('customers.add') }}" class="btn btn-primary"> Add Customer</a></h6>
        </div>
        <div class="card-body">
            <table class="table table-bordered">
                <thead>
                    <tr>
                        <th style="width: 20%">image</th>
                        <th style="width: 20%">Name</th>
                        <th style="width: 20%">Email</th>
                        <th style="width: 20%" class="sr-only">Action</th>
                    </tr>
                </thead>
                <tbody>
                    @if ($data['customers']->count())
                    @foreach ($data['customers'] as $customer)
                    <tr scope="row">
                        <td><img src="{{ asset($customer->image) }}" class="img-thumbnail h-50" alt="{{ $customer->name }}"></td>
                        <td>{{ $customer->name }}</td>
                        <td>{{ $customer->email }}</td>
                        <td><a href="{{ route('customers.edit', $customer->id) }}" class="d-inline"><span class="btn btn-sm btn-success mr-3">Edit</span></a>
                            <form action="{{ route('customers.destroy', $customer->id) }}" method="POST" class="d-inline">
                                @csrf
                                @method('delete')
                                <input type="hidden" name="id" id="id" value="{{ $customer->id }}">
                                <button type="submit" class="btn btn-sm btn-danger">Delete</button>
                            </form>
                        </td>
                    </tr>
                    @endforeach
                    @else
                    <tr scope="row" class="text-center">
                        <td colspan="4"><span class="text-danger"> No customers</span></td>
                    </tr>
                    @endif
                </tbody>
            </table>
        </div>
        <!-- /.card-body -->
        <div class="card-footer clearfix">
            <ul class="pagination pagination-sm m-0 float-right">
                {{ $data['customers']->links() }}
            </ul>
        </div>
    </div>
</div>
<!-- /.card -->
```

# Add Customer

## Customer Add

### Customer Add

**Name**

```
name
```

**Email**

```
customer email
```

**Phone**

```
customer phone
```

**Address**

```
user address
```

**Image**

```
User Image                                    Browse
```

**Add Customer**

```html
<div class="card card-primary">
    <div class="card-header">
        <h3 class="card-title">{{ $data['page_title'] }}</h3>
    </div>
    <!-- /.card-header -->
    <!-- form start -->
    <form id="add_customer" action="{{ route('customers.add') }}" method="POST" enctype="multipart/form-data">
        @csrf
        @method('POST')
        <div class="card-body">
            <div class="form-group">
                <label for="title">Name</label>
                <input type="text" name="name" class="form-control" id="name" placeholder="name" value="{{ old('name') }}">
                @error('name')
                <div class="text-red mt-2 text-sm">
                    {{ $message }}
                </div>
                @enderror
            </div>
            <div class="form-group">
                <label for="email">Email</label>
                <input type="email" name="email" class="form-control" id="email" placeholder="customer email" value="{{ old('email') }}">
                @error('email')
                <div class="text-red mt-2 text-sm">
                    {{ $message }}
                </div>
                @enderror
            </div>
            <div class="form-group">
                <label for="phone">Phone</label>
                <input type="tel" name="phone" class="form-control" id="phone" placeholder="customer phone" value="{{ old('phone') }}">
                @error('phone')
                <div class="text-red mt-2 text-sm">
                    {{ $message }}
                </div>
                @enderror
            </div>
            <div class="form-group">
                <label for="address">Address</label>
                <input type="text" name="address" class="form-control" id="address" placeholder="user address" value="{{ old('address') }}">
                @error('address')
                <div class="text-red mt-2 text-sm">
                    {{ $message }}
                </div>
                @enderror
            </div>
            <div class="form-group">
                <label for="image">Image</label>
                <div class="input-group">
                    <input type="file" class="custom-file-input" id="image" name="image">
                    <label class="custom-file-label" for="image">User Image</label>
                </div>
                @error('image')
                <div class="text-red mt-2 text-sm">
                    {{ $message }}
                </div>
                @enderror
            </div>
        </div>
    </div>
```

# Edit Customer



```
<form id="add_customer" action="{{ route('customers.edit', $data['customer']) }}" method="POST" enctype="multipart/form-data">
    @csrf
    @method('PUT')
    <input type="hidden" name="id" id="id" value="{{ $data['customer']['id'] }}">
    <div class="card-body">
        <div class="form-group">
            <label for="title">Name</label>
            <input type="text" name="name" class="form-control" id="name" placeholder="name" value="{{ $data['customer']['name'] }}">
            @error('name')
            <div class="text-red mt-2 text-sm">
                {{ $message }}
            </div>
            @enderror
        </div>
        <div class="form-group">
            <label for="email">Email</label>
            <input type="email" name="email" class="form-control" id="email" placeholder="customer email" value="{{ $data['customer']['email'] }}">
            @error('email')
            <div class="text-red mt-2 text-sm">
                {{ $message }}
            </div>
            @enderror
        </div>
        <div class="form-group">
            <label for="phone">Phone</label>
            <input type="tel" name="phone" class="form-control" id="phone" placeholder="customer phone" value="{{ $data['customer']['phone'] }}">
            @error('phone')
            <div class="text-red mt-2 text-sm">
                {{ $message }}
            </div>
            @enderror
        </div>
        <div class="form-group">
            <label for="address">Address</label>
            <input type="text" name="address" class="form-control" id="address" placeholder="user address" value="{{ $data['customer']['address'] }}">
            @error('address')
            <div class="text-red mt-2 text-sm">
                {{ $message }}
            </div>
            @enderror
        </div>
        <div class="form-group">
            <label for="image">Image</label>
            <div class="input-group">
                <div class="d-flex justify-content-between align-items-center">
                    <div class="col-4">
                        <img src="{{ asset($data['customer']['image']) }}" alt="{{ $data['customer']['name'] }}" class="img-thumbnail">

                    </div>
                    <div class="col-8">
                        <input type="file" class="custom-file-input" id="image" name="image">
                        <label class="custom-file-label" for="image">Customer Image</label>

                    </div>
                </div>
            </div>
            @error('image')
            <div class="text-red mt-2 text-sm">
                {{ $message }}
            </div>
```

# Orders



```
<div class="col-md-12">
    <div class="card">
        <div class="card-header justify-content-between align-items-center">
            <h3 class="card-title p-1">{{ $data['page_title'] }}</h3>
            <h6 class="float-right"><a href="{{ route('orders.add') }}" class="btn btn-primary"> Open Order</a></h6>
        </div>
        <div class="card-body">
            <table class="table table-bordered">
                <thead>
                    <tr>
                        <th style="width: 40%">Customer</th>
                        <th style="width: 30%" class="sr-only">Action</th>
                    </tr>
                </thead>
                <tbody>
                    @if ($data['orders']->count())
                    @foreach ($data['orders'] as $order)
                    <tr scope="row">
                        <td>{{ $order->customer_name }}</td>

                        <td align="center"><a href="{{ route('orders.view', $order->id) }}" class="d-inline"><span class="btn btn-sm btn-success mr-3">View</span></a>
                            <form action="{{ route('orders.destroy', $order->id) }}" method="POST" class="d-inline">
                                @csrf
                                @method('delete')
                                <input type="hidden" name="id" id="id" value="{{ $order->id }}">
                                <button type="submit" class="btn btn-sm btn-danger">Delete</button>
                            </form>
                        </td>
                    </tr>
                    @endforeach
                    @else
                    <tr scope="row" class="text-center">
                        <td colspan="3"><span class="text-danger"> No orders</span></td>
                    </tr>
                    @endif
                </tbody>
            </table>
        </div>
        <!-- /.card-body -->
        <div class="card-footer clearfix">
            <ul class="pagination pagination-sm m-0 float-right">
                {{ $data['orders']->links() }}
            </ul>
        </div>
    </div>
</div>
<!-- /.card -->
```

# Open Order

```blade
@extends('layouts.app')

@section('content')
<!-- Main content -->
<section class="content">
    <div class="container-fluid">
        <div class="row">
            <!-- left column -->
            <div class="col-md-12">
                <!-- jquery validation -->
                <div class="card card-primary">
                    <div class="card-header">
                        <h3 class="card-title">{{ $data['page_title'] }}</h3>
                    </div>
                    <!-- /.card-header -->
                    <!-- form start -->
                    <form id="add_order" action="{{ route('orders.add') }}" method="POST" enctype="multipart/form-data">
                        @csrf
                        @method('POST')
                        <div class="card-body">
                            <div class="form-group">
                                <label for="customer_id">Customer</label>
                                <select class="form-control" name="customer_id" id="customer_id">
                                    @if ($data['customers']->count())
                                    @foreach ($data['customers'] as $customer)
                                    <option value="{{ $customer->id }}">{{ $customer->name }}</option>
                                    @endforeach
                                    @else
                                    <option class="text-red"> NO Customers</option>
                                    @endif
                                </select>
                            </div>
                            @error('customer_id')
                                <div class="text-red mt-2 text-sm">
                                    {{ $message }}
                                </div>
                            @enderror
                        </div>
                        <!-- /.card-body -->
                        <div class="card-footer">
                            <button type="submit" class="btn btn-primary float-right">Open Order</button>
                        </div>
                    </form>
                </div>
                <!-- /.card -->
            </div>
            <!--/.col (left) -->
        </div>
        <!-- /.row -->
    </div><!-- /.container-fluid -->
</section>
<!-- /.content -->
@endsection
```

# Order Management

These screen shows the order information, such as:

- **Customer information**
- **Invoice number**
- **Products in the order with price, quantity and sub-total.**
- **Payment information**
- **Payment section**



```
@extends('layouts.app')
@section('content')
<section class="content">
    <div class="container-fluid">
        <div class="row">
            <div class="col-12">
                <!-- Main content -->
                <div class="invoice p-3 mb-3">
                    <!-- title row -->
                    <div class="row">
                        <div class="col-12">
                            <h4>
                                <i class="fas fa-globe"></i> {{ $data['order']->customer_name }}.
                                <small class="float-right">Date: {{ date('d M Y', strtotime($data['order']->created_at)) }}</small>
                            </h4>
                        </div>
                        <!-- /.col -->
                    </div>
                    <!-- info row -->
                    <div class="row invoice-info">
                        <!-- /.col -->
                        <div class="col-sm-4 invoice-col">
                            To
                            <address>
```

```
                    <strong>{{ $data['order']->customer_name }}</strong>
                    @if ($data['order']->customer_address)
                    <br>
                    {{ $data['order']->customer_address }}
                    @endif
                    @if ($data['order']->customer_phone)
                    <br>
                    Phone: {{ $data['order']->customer_phone }}
                    @endif
                    @if ($data['order']->customer_email)
                    <br>
                    Email: {{ $data['order']->customer_email }}
                    @endif
                </address>
            </div>
            <!-- /.col -->
            <div class="col-sm-4 invoice-col">
                <b>Invoice #{{ $data['order']->id }}</b><br>
            </div>
            <!-- /.col -->
        </div>
        <!-- /.row -->
        <!-- Table row -->
        <div class="row">
            <div class="col-12 table-responsive">
                <table class="table table-striped">
                    <thead>
                        <tr>
                            <th>Category</th>
                            <th>Product</th>
                            <th>Price</th>
                            <th>Qty</th>
                            <th>Subtotal</th>
                            <th><span class="sr-only">action</span></th>
                        </tr>
                    </thead>
                    <tbody id="products_in_order">
                        @if ($data['products']->count())
                            @foreach ($data['products'] as $product)
                                <tr id="product_{{ $product->orders_products_id }}_row">
                                    <td>{{ $product->category_title }}</td>
                                    <td>{{ $product->title }}</td>
                                    <td>{{ $product->total_sup_price/$product->quantity }}</td>
                                    <td>{{ $product->quantity }}</td>
                                    <td>{{ $product->total_sup_price }}</td>
                                    <td><button class="btn btn-danger" id="add_product_{{ $product-
>id }}" onclick="removeProduct({{ $product->orders_products_id }})"> <i class="fa fa-minus"></i> </button></td>
                                </tr>
                            @endforeach
                        @endif
                    </tbody>
                    <tfoot>
                        <tr>
                            <td>
```

```html
                                        <div class="form-group">
                                            <select class="form-
control select2" style="width: 100%;" onchange="getProducts()" id="category" required>
                                                <option selected="selected">-- select category --</option>
                                                @foreach ($data['categories'] as $category)
                                                <option value="{{ $category->id }}">{{ $category-
>title }}</option>

                                                @endforeach
                                            </select>
                                        </div>
                                    </td>
                                    <td>
                                        <div class="form-group" >
                                            <select class="form-
control select2" style="width: 100%;" onchange="getPrice()" id="product_select" required>
                                                <option selected="selected">-- select product --</option>

                                            </select>
                                        </div>
                                    </td>
                                    <td><span id="price"></span></td>
                                    <td><div class="form-group">
                                        <input type="number" class="form-
control" id="qty" name="qty" placeholder="Quantity" onkeyup="caculateSubTotal()" required>
                                    </div></td>
                                    <td><span id="sub_total"></span></td>
                                    <td> <button class="btn btn-
success" id="add_product" onclick="addProduct()"> <i class="fa fa-plus"></i> </button></td>
                                </tr>
                            </tfoot>
                        </table>
                    </div>
                    <!-- /.col -->
                </div>
                <!-- /.row -->
                <div class="row d-flex justify-content-betwen">
                    <!-- /.col -->
                    <div class="col-4">
                        <p class="lead">Date : {{ date('d M Y', strtotime($data['order']->updated_at)) }}</p>
                        <div class="table-responsive">
                            <table class="table">
                                <tr>
                                    <th>Total:</th>
                                    <td id="total_cost">{{ $data['total_cost'] }}</td>
                                </tr>
                                <tr>
                                    <th>Paid:</th>
                                    <td id="total_paied">{{ $data['total_paid'] }}</td>
                                </tr>
                                <tr>
                                    <th>remain:</th>
                                    <td id="remain">{{ $data['total_cost']-$data['total_paid'] }}</td>
                                </tr>
                            </table>
```

```html
                                </div>
                            </div>
                            <!-- /.col -->
                            <div class="col-8">
                                <p class="lead">Submit Payment</p>
                                <div class="table-responsive">
                                    <table class="table">
                                        <tr>
                                            <th>Payment Amount:</th>
                                            <td id="payment_amount_td">
                                                <input type="number" class="form-
control" id="payment_amount" name="payment_amount" placeholder="Payment Amount" required max="{{ $data['total_cost']-
$data['total_paid'] }}" min="0">
                                            </td>
                                        </tr>
                                        <tr>
                                            <th>Note:</th>
                                            <td id="note_td">
                                                <textarea name="note" id="note" class="form-
control" rows="2" placeholder="Note" required></textarea>
                                            </td>
                                        </tr>
                                    </table>
                                </div>
                            </div>
                        </div>
                        <!-- /.row -->
                        <!-- this row will not appear when printing -->
                        <div class="row no-print">
                            <div class="col-12">
                                <button id="submit_pay" type="button" class="btn btn-success float-
right" onclick="submitPay()">
                                    <i class="far fa-credit-card"></i>
                                    Submit Payment
                                </button>
                            </div>
                        </div>
                    </div>
                    <!-- /.invoice -->
                </div><!-- /.col -->
            </div><!-- /.row -->
        </div><!-- /.container-fluid -->
</section>
<!-- /.content -->
@endsection

@section('scripts')
<script type="text/javascript">
    jQuery(function ($) {
        //Initialize Select2 Elements
        $('.select2').select2();
    });
    function getProducts(){
        let categorySelect = document.querySelector("#category");
```

```javascript
        let categoryID = categorySelect.options[categorySelect.selectedIndex].value;
        $.ajax({
            type: "POST",
            url: '/products/get_products',
            data: { category_id: categoryID, _token: '{{csrf_token()}}' },
            success: function (data) {
                let productSelect = document.querySelector('#product_select');
                data.forEach(optionP => {
                    var optionCe = document.createElement("OPTION");
                    var textValue = document.createTextNode(optionP['title']);
                    optionCe.setAttribute("value", optionP['id']);
                    optionCe.appendChild(textValue);
                    productSelect.appendChild(optionCe);
                });
            },
            error: function (data, textStatus, errorThrown) {
                console.log(data);
            },
        });
    };


function getPrice(){
    let productSelect = document.querySelector("#product_select");
    let id = productSelect.options[productSelect.selectedIndex].value;
    $.ajax({
        type: "POST",
        url: '/products/get_price',
        data: { id: id, _token: '{{csrf_token()}}' },
        success: function (data) {
            let pricePlace = document.querySelector('#price').innerHTML = data['price'];
        },
        error: function (data, textStatus, errorThrown) {
            console.log(data);
        },
    });
};


function caculateSubTotal(){
    let quantity = document.querySelector("#qty").value;
    let price = document.querySelector("#price").innerHTML;

    let subTotal = document.querySelector("#sub_total").innerHTML = quantity * price;
}


function removeProduct(id) {
    $.ajax({
        type: "POST",
        url: '/products/delete_product',
        data: {
            _token: '{{csrf_token()}}',
            order_products_id: id,
        },
        success: function (data) {
```

```javascript
                $('#product_' + id +  '_row').remove();
                document.querySelector('#remain').innerHTML = data['total_cost'] - data['total_paied'];
                document.querySelector('#total_paied').innerHTML = data['total_paied'];
                document.querySelector('#total_cost').innerHTML = data['total_cost'];
                document.querySelector('#payment_amount').setAttribute("max", data['total_cost']);
            },
            error: function (data, textStatus, errorThrown) {
                console.log(data);
            },
        });
    }
    function addProduct() {
        let productSel = document.querySelector('#product_select');
        let productId = productSel.options[productSel.selectedIndex].value;
        let orderId = {{ $data['order']->id }};
        let quantity = document.querySelector('#qty').value;
        $.ajax({
            type: "POST",
            url: '/products/add_product',
            data: {
                _token: '{{csrf_token()}}',
                order_id: orderId,
                product_id: productId,
                quantity: quantity
            },
            success: function (data) {
                let products_in_order = document.querySelector('#products_in_order');
                console.log(data);
                var newRow = '<tr id="product_' + data['product']['product_id'] +'_row"><td>' + data['product']['categ
ory_title'] + '</td><td>' + data['product']['title'] + '</td><td>' + data['product']['price'] + '</td><td>' + data['pr
oduct']['quantity'] + '</td><td>' + data['product']['total_sup_price'] + '</td><td><button class="btn btn-
danger" id="add_product_' + data['product']['product_id'] +'" onclick="removeProduct(' + data['product']['product_id']
 +')"> <i class="fa fa-minus"></i> </button></td></tr>';
                document.querySelector('#qty').value = 0;
                document.querySelector('#sub_total').innerHTML = 0;
                $('#products_in_order').append(newRow);
                document.querySelector('#remain').innerHTML = data['total_cost'] - data['total_paied'];
                document.querySelector('#total_paied').innerHTML = data['total_paied'];
                document.querySelector('#total_cost').innerHTML = data['total_cost'];
                document.querySelector('#payment_amount').setAttribute("max", data['total_cost']);
            },
            error: function (data, textStatus, errorThrown) {
                console.log(data);
            },
        });
    }

    function submitPay() {
        let paymentAmount = document.querySelector('#payment_amount').value;
        let paymentNote = document.querySelector('#note').value;
        let orderId = {{ $data['order']->id }};
        $.ajax({
            type: "POST",
            url: '/transactions',
```

```
            data: {
                _token: '{{csrf_token()}}',
                order_id: orderId,
                payment_note: paymentNote,
                payment_amount: paymentAmount
            },
            success: function (data) {
                console.log(data);
                document.querySelector('#payment_amount').value = 0;
                document.querySelector('#note').value = '';
                document.querySelector('#remain').innerHTML = data['remain'];
                document.querySelector('#total_paied').innerHTML = data['total_paied'];
                document.querySelector('#total_cost').innerHTML = data['total_cost'];
                document.querySelector('#payment_amount').setAttribute("max", data['remain']);
            },
            error: function (data, textStatus, errorThrown) {
                console.log(data);
            },
        });
    }
</script>
@endsection
```

# Users

## Users

home / Users

users                                                          Add User

| image | Name | Email | |
|-------|------|-------|---|
| | Tarek Wagih Salama | tarekwagih43@gmail.com | Edit  Delete |

```blade
<div class="row">
    @if(Session::get('success'))
    <div class="col-md-12">
            <div class="text-green mt-2 mb-2 text-lg text-center">
                {{ Session::get('success') }}
            </div>
    </div>
    @endif
    @if(Session::get('error'))
    <div class="col-md-12">
            <div class="text-danger mt-2 mb-2 text-lg text-center">
                {{ Session::get('error') }}
            </div>
    </div>
    @endif
    <div class="col-md-12">
        <div class="card">
            <div class="card-header justify-content-between align-items-center">
                <h3 class="card-title p-1">{{ $data['page_title'] }}</h3>
                <h6 class="float-right"><a href="{{ route('users.add') }}" class="btn btn-primary"> Add User</a></h6>
            </div>
            <div class="card-body">
                <table class="table table-bordered">
                    <thead>
                        <tr>
                            <th style="width: 20%">image</th>
                            <th style="width: 20%">Name</th>
                            <th style="width: 20%">Email</th>
                            <th style="width: 20%" class="sr-only">Action</th>
                        </tr>
                    </thead>
                    <tbody>
                        @if ($data['users']->count())
                        @foreach ($data['users'] as $user)
                        <tr scope="row">
                            <td><img src="{{ asset($user->image) }}" class="img-thumbnail h-50" alt="{{ $user->name }}"></td>
                            <td>{{ $user->name }}</td>
                            <td>{{ $user->email }}</td>
                            <td >
                                <a href="{{ route('users.edit', $user) }}" class="d-inline"><span class="btn btn-sm btn-success mr-3">Edit</span></a>
                                <form action="{{ route('users.destroy', $user) }}" method="POST" class="d-inline">
                                    @csrf
                                    @method('delete')
                                    <input type="hidden" name="id" id="id" value="{{ $user->id }}">
                                    <button type="submit" class="btn btn-sm btn-danger">Delete</button>
                                </form>
                            </td>
                        </tr>
                        @endforeach
                        @else
                        <tr scope="row" class="text-center">
                            <td colspan="3"><span class="text-danger"> No users</span></td>
                        </tr>
                        @endif
                    </tbody>
                </table>
            </div>
            <!-- / card-body -->
```

# Add User

**User Add**  Dashboard / User Add

**User Add**

**Name**

name

**Username**

user Title

**Email**

user email

**Password**

user password

**Password Confirmation**

user password confirm

**Image**

User Image | Browse

Add User

```
<form id="add_usre" action="{{ route('users.add') }}" method="POST" enctype="multipart/form-data">
    @csrf
    @method('POST')
    <div class="card-body">
        <div class="form-group">
            <label for="title">Name</label>
            <input type="text" name="name" class="form-control" id="name" placeholder="name" value="{{ old('name') }}">
            @error('name')
            <div class="text-red mt-2 text-sm">
                {{ $message }}
            </div>
            @enderror
        </div>
        <div class="form-group">
            <label for="username">Username</label>
            <input type="text" name="username" class="form-control" id="username" placeholder="user Title" value="{{ old('username') }}">
            @error('username')
            <div class="text-red mt-2 text-sm">
                {{ $message }}
            </div>
            @enderror
        </div>
        <div class="form-group">
            <label for="email">Email</label>
            <input type="email" name="email" class="form-control" id="email" placeholder="user email" value="{{ old('email') }}"">
            @error('email')
            <div class="text-red mt-2 text-sm">
                {{ $message }}
            </div>
            @enderror
        </div>
        <div class="form-group">
            <label for="password">Password</label>
            <input type="password" name="password" class="form-control" id="password" placeholder="user password" value="">
            @error('password')
            <div class="text-red mt-2 text-sm">
                {{ $message }}
            </div>
            @enderror
        </div>
        <div class="form-group">
            <label for="password_confirmation">Password Confirmation</label>
            <input type="password" name="password_confirmation" class="form-control" id="password_confirmation" placeholder="user password confirm" va
            @error('password_confirmation')
            <div class="text-red mt-2 text-sm">
                {{ $message }}
            </div>
            @enderror
        </div>
        <div class="form-group">
            <label for="image">Image</label>
            <div class="input-group">
                    <input type="file" class="custom-file-input" id="image" name="image">
                    <label class="custom-file-label" for="image">User Image</label>
            </div>
            @error('image')
            <div class="text-red mt-2 text-sm">
                {{ $message }}
            </div>
            </div>
            @enderror
```

# Edit User



```html
<form id="add_users" action="{{ route('users.edit', $data['user']) }}" method="POST" enctype="multipart/form-data">
    @csrf
    @method('PUT')
    <input type="hidden" name="id" id="id" value="{{ $data['user']['id'] }}">
    <div class="card-body">
        <div class="form-group">
            <label for="title">Name</label>
            <input type="text" name="name" class="form-control" id="name" placeholder="name" value="{{ $data['user']['name'] }}">
            @error('name')
            <div class="text-red mt-2 text-sm">
                {{ $message }}
            </div>
            @enderror
        </div>
        <div class="form-group">
            <label for="username">Username</label>
            <input type="text" name="username" class="form-control" id="username" placeholder="user Title" value="{{ $data['user']['username'] }}">
            @error('username')
            <div class="text-red mt-2 text-sm">
                {{ $message }}
            </div>
            @enderror
        </div>
        <div class="form-group">
            <label for="email">Email</label>
            <input type="email" name="email" class="form-control" id="email" placeholder="user email" value="{{ $data['user']['email'] }}"">
            @error('email')
            <div class="text-red mt-2 text-sm">
                {{ $message }}
            </div>
            @enderror
        </div>
        <div class="form-group">
            <label for="password">Password</label>
            <input type="password" name="password" class="form-control" id="password" placeholder="user password" value="">
            @error('password')
            <div class="text-red mt-2 text-sm">
                {{ $message }}
            </div>
            @enderror
        </div>
        <div class="form-group">
            <label for="password_confirmation">Password Confirmation</label>
            <input type="password" name="password_confirmation" class="form-control" id="password_confirmation" placeholder="user password confirm" valu
            @error('password_confirmation')
            <div class="text-red mt-2 text-sm">
                {{ $message }}
            </div>
            @enderror
        </div>
        <div class="form-group">
            <label for="image">Image</label>
            <div class="input-group">
                <div class="d-flex justify-content-between align-items-center">
                    <div class="col-4">
                        <img src="{{ asset($data['user']['image']) }}" alt="{{ $data['user']['name'] }}" class="img-thumbnail">

                    </div>
                    <div class="col-8">
                        <input type="file" class="custom-file-input" id="image" name="image">
```

# Controllers Overview

## Login controller

```php
class LoginController extends Controller
{
    public function __construct()
    {
        $this->middleware(['guest']);
    }

    public function index()
    {
        $data = [
            'page_title' => 'Login',
            'back_link' => route('/'),
            'links' => ['Dashboard', 'products' ]
        ];
        return view('auth.login', ['data' => $data]);
    }

    public function login(Request $request)
    {
        // valdiation
        $this->validate($request, [
            'email' => 'required|email',
            'password' => 'required',
        ]);

        if(!Auth::attempt($request->only('email', 'password'), $request->remember)) {
            return back()->with('status', 'Invalid Login Details!');
        }

        return redirect()->route('/');

    }
}
```

## Logout controller

```php
class LogoutController extends Controller
{
    public function __construct()
    {
        $this->middleware(['auth']);
    }
    public function logout()
    {
        Auth::logout();
        return redirect('login');
    }
}
```

## Home Controller

```php
class HomeController extends Controller
{
    public function __construct()
    {
        $this->middleware(['auth']);
    }

    public function index()
    {
        $total_products = Product::all()->count();
        $total_users = User::all()->count();
        $total_orders = Order::all()->count();
        $total_customers = Customer::all()->count();

        $products = DB::table('orders_products')
        ->join('products', 'orders_products.product_id', '=', 'products.id')
        ->select('products.*', 'orders_products.*', DB::raw('SUM(orders_products.quantity) as quantity'))
        ->where('orders_products.deleted_at', NULL)
        ->groupBy('orders_products.product_id')
        ->paginate(10);

        $data = [
            'products' => $products,
            'total_products' => $total_products,
            'total_users' => $total_users,
            'total_orders' => $total_orders,
            'total_customers' => $total_customers,
            'page_title' => 'home',
            'back_link' => '/',
            'links' => ['Home', 'Dashboard' ]
        ];

        return view('dashboard', [
            'data' => $data
        ]);
    }
}
```

## Category Controller

```php
class CategoryController extends Controller
{
    public function __construct()
    {
        $this->middleware(['auth']);
    }

    public function index()
    {
        $categories = Category::withoutTrashed()->paginate(5);
        $data = [
            'categories' => $categories,
            'page_title' => 'Categories',
```

```php
            'back_link' => route('/'),
            'links' => ['Dashboard', 'Categories' ]
        ];

        return view('category.index', [
            'data' => $data
        ]);
    }

    public function add_form()
    {
        $data = [
            'page_title' => 'Categories Add',
            'back_link' => route('/'),
            'links' => ['Dashboard', 'Category Add' ]
        ];
        return view('category.add', ['data' => $data]);
    }

    public function add(Request $request)
    {
        $request->validate([
            'title' => 'required|max:255'
        ]);

        Category::create([
            'title' => $request->title
        ]);

        return redirect()->route('categories')
            ->with('success','You have successfully add Category.');
    }

    public function edit_form(Category $category)
    {
        $category = Category::where('id', $category->id)->first();

        $data = [
            'category' => $category,
            'page_title' => 'Categories Edit',
            'back_link' => route('/'),
            'links' => ['Dashboard', 'Category Edit' ]
        ];
        return view('category.edit', ['data' => $data]);
    }

    public function edit(Request $request)
    {
        // valdiation
        $this->validate($request, [
            'title' => 'required|max:255'
        ]);

        DB::table('categories')->where('id', $request->id)->update(['title' => $request->title]);
```

```php
        // redirect back
        return redirect()->route('categories')
                ->with('success', 'Updated Succesfully');
    }


    public function destroy(Category $category)
    {
        $category = Category::where('id', $category->id)->first();
        if($category->count())
        {
            $category->delete();
        }
        else
        {
            return back()
                ->with('Error', 'Error : Category Dosn`t Exist!');
        }

        return back()
                ->with('success', 'Deleted Succesfully');
    }
}
```

## Products Controller

```php
class ProductController extends Controller
{
    public function __construct()
    {
        $this->middleware(['auth']);
    }


    public function index()
    {
        $products = DB::table('products')
                    ->join('categories', 'products.category_id', '=', 'categories.id')
                    ->select('products.*', 'categories.title as category_title')
                    ->where('products.deleted_at', Null)
                    ->paginate(5);

        $data = [
            'products' => $products,
            'page_title' => 'products',
            'back_link' => route('/'),
            'links' => ['Dashboard', 'products' ]
        ];

        return view('product.index', [
            'data' => $data
        ]);
    }
```

```php
public function add_form()
{
    $categories = Category::withoutTrashed()->get();

    $data = [
        'categories' => $categories,
        'page_title' => 'products Add',
        'back_link' => route('/'),
        'links' => ['Dashboard', 'Product Add' ]
    ];
    return view('product.add', ['data' => $data]);
}

public function add(Request $request)
{
    $request->validate([
        'title' => 'required|max:255',
        'price' => 'required|max:11',
        'description' => 'required|max:500',
        'image' => 'required|mimes:jpeg,png,jpg,gif,svg'
    ]);
    $imageName = time().'.'.$request->image->extension();

    Product::create([
        'title' => $request->title,
        'price' => $request->price,
        'description' => $request->description,
        'image' => "upload/".$imageName,
        'category_id' => $request->category_id
    ]);

    $request->image->move(public_path('upload'), $imageName);


    return redirect()->route('products')
        ->with('success','You have successfully add Product.');
}

public function edit_form(Product $product)
{
    $product = Product::where('id', $product->id)->first();
    $categories = Category::withoutTrashed()->get();

    $data = [
        'categories' => $categories,
        'product' => $product,
        'page_title' => 'products Edit',
        'back_link' => route('/'),
        'links' => ['Dashboard', 'Product Edit' ]
    ];
    return view('product.edit', ['data' => $data]);
}

public function edit(Request $request)
```

```php
{
    // valdiation
    $this->validate($request, [
        'title' => 'required|max:255'
    ]);

    if(!empty($request->image)){
        $imageName = time().'.'.$request->image->extension();

        $request->image->move(public_path('upload'), $imageName);

        DB::table('products')->where('id', $request->id)->update([
            'title' => $request->title,
            'price' => $request->price,
            'description' => $request->description,
            'category_id' => $request->category_id,
            'image' => "upload/".$imageName
        ]);
    }else {
        DB::table('products')->where('id', $request->id)->update([
            'title' => $request->title,
            'price' => $request->price,
            'description' => $request->description,
            'category_id' => $request->category_id,
        ]);
    }

    // redirect back
    return redirect()->route('products')
            ->with('success', 'Updated Succesfully');
}

public function destroy(Product $product)
{
    $product = Product::where('id', $product->id)->first();
    if($product->count())
    {
        $product->delete();
    }
    else
    {
        return back()
            ->with('Error', 'Error : Product Dosn`t Exist!');
    }

    return back()
            ->with('success', 'Deleted Succesfully');
}

public function get_price(Request $request){
    $product = Product::where('id', $request->id)->first();
    if($product) {
        $price = $product->price;
    }
```

```php
        else {
            $price = 0;
        }
        return response()->json([
            'price' => $price
        ]);
    }


    public function get_products_with_category(Request $request){
        $products = Product::withoutTrashed()->where('category_id', $request->category_id)->get();

        return response()->json($products);
    }
}
```

## Customers Controller

```php
class CustomerController extends Controller
{
    public function __construct()
    {
        $this->middleware(['auth']);
    }

    public function index()
    {
        $customers = DB::table('customers')
                    ->where('customers.deleted_at', Null)
                    ->paginate(5);

        $data = [
            'customers' => $customers,
            'page_title' => 'customers',
            'back_link' => route('/'),
            'links' => ['Dashboard', 'customers' ]
        ];

        return view('customer.index', [
            'data' => $data
        ]);
    }

    public function add_form()
    {

        $data = [
            'page_title' => 'Customer Add',
            'back_link' => route('/'),
            'links' => ['Dashboard', 'Customer Add' ]
        ];
        return view('customer.add', ['data' => $data]);
    }

    public function add(Request $request)
```

```php
{
    $request->validate([
        'name' => 'required|max:255',
        'email' => 'required|max:255',
        'phone' => 'required|max:255',
        'address' => 'required|max:500',
        'image' => 'required|mimes:jpeg,png,jpg,gif,svg'
    ]);
    $imageName = time().'.'.$request->image->extension();

    Customer::create([
        'name' => $request->name,
        'email' => $request->email,
        'phone' => $request->phone,
        'address' => $request->address,
        'image' => "upload/".$imageName
    ]);

    $request->image->move(public_path('upload'), $imageName);

    return redirect()->route('customers')
        ->with('success','You have successfully add customer.');
}

public function edit_form(Customer $customer)
{
    $customer = Customer::withoutTrashed()->where('id', $customer->id)->first();

    $data = [
        'customer' => $customer,
        'page_title' => 'customer Edit',
        'back_link' => route('/'),
        'links' => ['Dashboard', 'customer Edit' ]
    ];
    return view('customer.edit', ['data' => $data]);
}

public function edit(Request $request)
{
    // valdiation
    $this->validate($request, [
        'name' => 'required|max:255',
        'email' => 'required|max:255',
        'phone' => 'required|max:255',
        'address' => 'required|max:500'
    ]);

    if(!empty($request->image)){
        $imageName = time().'.'.$request->image->extension();

        $request->image->move(public_path('upload'), $imageName);

        DB::table('customers')->where('id', $request->id)->update([
            'name' => $request->name,
```

```php
                'email' => $request->email,
                'phone' => $request->phone,
                'address' => $request->address,
                'image' => "upload/".$imageName
            ]);
        }else {
            DB::table('customers')->where('id', $request->id)->update([
                'name' => $request->name,
                'email' => $request->email,
                'phone' => $request->phone,
                'address' => $request->address
            ]);
        }


        // redirect back
        return redirect()->route('customers')
                ->with('success', 'Updated Succesfully');
    }


    public function destroy(Customer $customer)
    {
        $customer = Customer::where('id', $customer->id)->first();
        if($customer->count())
        {
            $customer->delete();
        }
        else
        {
            return back()
                ->with('Error', 'Error : customer Dosn`t Exist!');
        }

        return back()
                ->with('success', 'Deleted Succesfully');
    }
}
```

## Transactions Controller

```php
class TransactionController extends Controller
{
    public function __construct()
    {
        $this->middleware(['auth']);
    }


    public function index()
    {
        $transactions = DB::table('transactions')
                ->join('orders', 'orders.id', '=', 'transactions.order_id')
                ->join('customers', 'orders.customer_id', '=', 'customers.id')
                ->join('users', 'transactions.user_id', '=', 'users.id')
                -
>select('orders.*', 'transactions.*', 'customers.name as customer_name', 'users.name as user_name')
```

```php
                ->where('orders.deleted_at', Null)
                ->where('transactions.deleted_at', Null)
                ->paginate(10);

        $data = [
            'transactions' => $transactions,
            'page_title' => 'Transactions',
            'back_link' => route('/'),
            'links' => ['Dashboard', 'Transactions' ]
        ];

        return view('transactions.index', [
            'data' => $data
        ]);
    }

    public function pay(Request $request)
    {

        $total_cost = OrdersProducts::withoutTrashed()
            ->where('orders_products.order_id', $request->order_id)
            ->sum('total_sup_price');

        $total_paied = Transaction::withoutTrashed()
            ->where('transactions.order_id', $request->order_id)
            ->sum('paied');

        $remain = $total_cost-$total_paied;

        if($request->payment_note) {
            $note = $request->payment_note;
        }else {
            $note = '';
        }

        if($request->payment_amount <= $remain) {
            Transaction::create([
                'order_id' => $request->order_id,
                'user_id' => auth()->user()->id,
                'paied' => $request->payment_amount,
                'remain' => $total_cost-$total_paied,
                'notes' => $note
            ]);
        }
        $total_paied = Transaction::withoutTrashed()
            ->where('transactions.order_id', $request->order_id)
            ->sum('paied');

        $remain = $total_cost-$total_paied;

        return response()->json([
            'remain' => $remain,
            'total_paied' => $total_paied,
            'total_cost' => $total_cost
```

```php
            ]);
        }

        public function destroy(Request $request)
        {
            $order = Transaction::where('id', $request->id)->first();
            if($order->count())
            {
                $order->delete();
            }
            else
            {
                return back()
                        ->with('Error', 'Error : Dosnt Exist!');
            }

            return back()
                    ->with('success', 'Deleted Succesfully');
        }
}
```

## Order Controller

```php
class OrderController extends Controller
{
    public function __construct()
    {
        $this->middleware(['auth']);
    }

    public function index()
    {
        $orders = DB::table('orders')
                    ->join('customers', 'orders.customer_id', '=', 'customers.id')
                    ->select('orders.*', 'customers.name as customer_name', )
                    ->where('orders.deleted_at', Null)
                    ->paginate(5);
        $data = [
            'orders' => $orders,
            'page_title' => 'orders',
            'back_link' => route('/'),
            'links' => ['Dashboard', 'orders' ]
        ];

        return view('order.index', [
            'data' => $data
        ]);
    }

    public function add_form()
    {
        $customers = DB::table('customers')
            ->where('customers.deleted_at', Null)
            ->get();
```

```php
        $data = [
            'customers' => $customers,
            'page_title' => 'Open Order',
            'back_link' => route('/'),
            'links' => ['Dashboard', 'Open Order' ]
        ];
        return view('order.add', ['data' => $data]);
    }


    public function add(Request $request)
    {

        $request->validate([
            'customer_id' => 'required',
        ]);
        Order::create([
            'customer_id' => $request->customer_id,
            'user_id' => auth()->user()->id,
            'status' => 0
        ]);


        return redirect()->route('orders')
            ->with('success','You have successfully Opend Order.');
    }


    public function destroy(Order $order)
    {
        $order = Order::where('id', $order->id)->first();
        if($order->count())
        {
            $order->delete();
        }
        else
        {
            return back()
                ->with('Error', 'Error : order Dosnt Exist!');
        }


        return back()
            ->with('success', 'Deleted Succesfully');
    }


    public function view(Order $order)
    {
        $order = Order::withoutTrashed()
                    ->join('customers', 'customers.id', '=', 'orders.customer_id')
                    -
>select('orders.*', 'customers.name as customer_name','customers.email as customer_email', 'customers.pho
ne as customer_phone', 'customers.address as customer_address')
                    ->where('orders.id', $order->id)
                    ->first();
        $categories = Category::withoutTrashed()->get();
        $products = OrdersProducts::withoutTrashed()
                    ->join('products', 'products.id', '=', 'orders_products.product_id')
```

```
                    ->join('categories', 'products.category_id', '=', 'categories.id')
                    -
>select('products.*', 'orders_products.*', 'categories.title as category_title', 'orders_products.id as o
rders_products_id')
                    ->where('orders_products.order_id', $order->id)
                    ->get();
        $total_cost = OrdersProducts::withoutTrashed()
                    ->where('orders_products.order_id', $order->id)
                    ->sum('total_sup_price');
        $total_paid = Transaction::withoutTrashed()
                    ->where('transactions.order_id', $order->id)
                    ->sum('paied');
        $remain = $total_cost - $total_paid;

        $data = [
            'order' => $order,
            'products' => $products,
            'categories' => $categories,
            'total_cost' => $total_cost,
            'total_paid' => $total_paid,
            'remain' => $remain,
            'page_title' => 'Order ',
            'back_link' => route('orders'),
            'links' => ['Dashboard', 'Order' ]
        ];
        return view('order.order', [
            'data' => $data
        ]);
    }
}
```

## ProductsOrder Controller

```
class OrdersProductsController extends Controller
{
    public function __construct()
    {
        $this->middleware(['auth']);
    }

    public function delete_product_from_order(Request $request)
    {
        $order_product = OrdersProducts::where('id', $request->order_products_id)->first();
        if($order_product->count())
        {
            $order_product->delete();
        }
        else
        {
            return back()
                ->with('Error', 'Error : order Dosn`t Exist!');
        }

        $total_cost = OrdersProducts::withoutTrashed()
```

```php
                ->where('orders_products.order_id', $order_product->order_id)
                ->sum('total_sup_price');

        $total_paied = Transaction::withoutTrashed()
                ->where('transactions.order_id', $request->order_id)
                ->sum('paied');


        return response()->json([
            'total_paied' => $total_paied,
            'total_cost' => $total_cost
        ]);
    }


    public function add_products_to_order(Request $request)
    {
        $this->validate($request, [
            'order_id' => 'required',
            'product_id' => 'required'
        ]);


        $product = Product::withoutTrashed()->where('products.id', $request->product_id)->first();


        $total = $product->price * $request->quantity;


        OrdersProducts::create([
            'order_id' => $request->order_id,
            'product_id' => $request->product_id,
            'quantity' => $request->quantity,
            'total_sup_price' => $total,
            'user_id' => auth()->user()->id
        ]);


        $total_cost = OrdersProducts::withoutTrashed()
                ->where('orders_products.order_id', $request->order_id)
                ->sum('total_sup_price');


        $total_paied = Transaction::withoutTrashed()
                ->where('transactions.order_id', $request->order_id)
                ->sum('paied');


        $product = OrdersProducts::withoutTrashed()
                        ->join('products', 'products.id', '=', 'orders_products.product_id')
                        ->join('categories', 'products.category_id', '=', 'categories.id')
                        ->select('products.*', 'orders_products.*', 'categories.title as category_title')
                        ->where('orders_products.order_id', $request->order_id)
                        ->latest('created_at')
                        ->first();


        return response()->json([
            'product' => $product,
            'total_paied' => $total_paied,
            'total_cost' => $total_cost
        ]);
    }
```

```
}
```

## User Controller

```php
class UserController extends Controller
{
    public function __construct()
    {
        $this->middleware(['auth']);
    }

    public function index()
    {
        $users = User::withoutTrashed()->paginate(5);
        $data = [
            'users' => $users,
            'page_title' => 'users',
            'back_link' => '/',
            'links' => ['home', 'Users' ]
        ];

        return view('user.index', [
            'data' => $data
            ]);
    }

    public function add_form()
    {
        $data = [
            'page_title' => 'User Add',
            'back_link' => route('/'),
            'links' => ['Dashboard', 'User Add' ]
        ];
        return view('user.add', ['data' => $data]);
    }

    public function add(Request $request)
    {
        $request->validate([
            'name' => 'required|max:255',
            'username' => 'required|max:500',
            'email' => 'required|max:255',
            'password' => 'required|confirmed',
            'image' => 'required|mimes:jpeg,png,jpg,gif,svg'
        ]);
        $imageName = time().'.'.$request->image->extension();

        User::create([
            'name' => $request->name,
            'username' => $request->username,
            'email' => $request->email,
            'password' => Hash::make($request->password),
            'image' => "upload/".$imageName
        ]);
```

```php
        $request->image->move(public_path('upload'), $imageName);


        return redirect()->route('users')
            ->with('success','You have successfully add Product.');
}

public function edit_form(User $user)
{
    $user = User::where('id', $user->id)->first();

    $data = [
        'user' => $user,
        'page_title' => 'User Edit',
        'back_link' => route('/'),
        'links' => ['Dashboard', 'User Edit' ]
    ];
    return view('user.edit', ['data' => $data]);
}

public function edit(Request $request)
{
    // valdiation
    $this->validate($request, [
        'name' => 'required|max:255',
        'username' => 'required|max:500',
        'email' => 'required|max:255'
    ]);

    if(!empty($request->image)){
        $imageName = time().'.'.$request->image->extension();

        $request->image->move(public_path('upload'), $imageName);
        if(!empty($request->password)){
            DB::table('users')->where('id', $request->id)->update([
                'name' => $request->name,
                'username' => $request->username,
                'email' => $request->email,
                'password' => Hash::make($request->password),
                'image' => "upload/".$imageName
            ]);
        }else{
            DB::table('users')->where('id', $request->id)->update([
                'name' => $request->name,
                'username' => $request->username,
                'email' => $request->email,
                'image' => "upload/".$imageName
            ]);
        }

    }else {
        if(!empty($request->password)){
            DB::table('users')->where('id', $request->id)->update([
```

```php
                'name' => $request->name,
                'username' => $request->username,
                'email' => $request->email,
                'password' => Hash::make($request->password)
            ]);
        }else{
            DB::table('users')->where('id', $request->id)->update([
                'name' => $request->name,
                'username' => $request->username,
                'email' => $request->email
            ]);
        }
    }


    // redirect back
    return redirect()->route('users')
            ->with('success', 'Updated Succesfully');
}

public function destroy(User $user)
{
    $user = User::where('id', $user->id)->first();
    if($user->count())
    {
        $user->delete();
    }
    else
    {
        return back()
            ->with('Error', 'Error : Product Dosn`t Exist!');
    }

    return back()
            ->with('success', 'Deleted Succesfully');
    }
}
```

# Conclusion

The App was for training so, forgive me if I have missed any special parts such as Stock Management and Permissions feature, no need to repeat the same knowledge, but just apply it.

In the end, I showed some of the code but couldn`t be able to show the entire App Code, but the App Source code is open and will be available at GitHub repository, the link:

https://github.com/tarekwagih43/final_project_YAT

Thanks to every who make effort to deliver that wonderful course, it has affected all my skills and given me newer ones.
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