**Ecommerce Notes for Students**

1. **Categories Migrations and CRUD**

Here we will be working on creating categories for our ecommerce project

php artisan make:model Category –m

php artisan make:controller CategoryController

|  |
| --- |
| **create\_categories.table.php** |
| Schema::*create*(**'categories'**, **function** (Blueprint $table) {  $table->increments(**'id'**);  $table->integer(**'parent\_id'**);  $table->string(**'name'**);  $table->text(**'description'**);  $table->string(**'slug'**);  $table->tinyInteger(**'status'**);  $table->timestamps(); }); |

php artisan migrate

Now we will be creating route for adding our categories

|  |
| --- |
| **web.php** |
| Route::*match*([**'get'**, **'post'**], **'/admin/add-category'**, **'CategoryController@addCategory'**)->name(**'category.add'**); |
| **CategoryController.php** |
| public function addCategory(){  return view ('admin.categories.add\_category'); } |

Now create a new folder and files: **admin/categories/add\_category.blade.php**

|  |
| --- |
| **add\_category.blade.php** |
| @extends('admin.adminLayouts.admin\_design') @section('content')  @endsection |

Now in sidebar we will add our routes

|  |
| --- |
| **sidebar.blade.php** |
| <**li class="sidebar-item"**>  <**a class="sidebar-link waves-effect waves-dark sidebar-link" href="**{{route(**'admin.dashboard'**)}}**" aria-expanded="false"**>  <**i class="fas fa-tachometer-alt"**></**i**>  <**span class="hide-menu"**>Dashboard</**span**>  </**a**> </**li**>  <**li class="sidebar-item"**>  <**a class="sidebar-link has-arrow waves-effect waves-dark" href="javascript:void(0)" aria-expanded="false"**>  <**i class="fas fa-filter"**></**i**>  <**span class="hide-menu"**>Categories </**span**>  </**a**>  <**ul aria-expanded="false" class="collapse first-level"**>  <**li class="sidebar-item"**>  <**a href="**{{route(**'category.add'**)}}**" class="sidebar-link"**>  <**i class="icon-Record"**></**i**>  <**span class="hide-menu"**> Add Category</**span**>  </**a**>  </**li**>  <**li class="sidebar-item"**>  <**a href="" class="sidebar-link"**>  <**i class="icon-Record"**></**i**>  <**span class="hide-menu"**> View Categories </**span**>  </**a**>  </**li**>   </**ul**> </**li**> |

Now we will be creating a form in our add\_category.blade.php

|  |
| --- |
| **@extends('admin.adminLayouts.admin\_design')  @section('content')** <**div class="page-breadcrumb"**>  <**div class="row"**>  <**div class="col-5 align-self-center"**>  <**h4 class="page-title"**>Categories</**h4**>  <**div class="d-flex align-items-center"**>   </**div**>  </**div**>  <**div class="col-7 align-self-center"**>  <**div class="d-flex no-block justify-content-end align-items-center"**>  <**nav aria-label="breadcrumb"**>  <**ol class="breadcrumb"**>  <**li class="breadcrumb-item"**>  <**a href="**{{route(**'admin.dashboard'**)}}**"**>Home</**a**>  </**li**>  <**li class="breadcrumb-item active" aria-current="page"**>Categories</**li**>  </**ol**>  </**nav**>  </**div**>  </**div**>  </**div**>  </**div**>   <**div class="container-fluid"**>   <**div class="row"**>  <**div class="col-sm-12"**>  <**div class="card"**>  <**div class="card-body"**>  <**h4 class="card-title"**>Add a New Category</**h4**>  <**form class="form" method="post" action="**{{route(**'category.add'**)}}**" id="add\_category" name="add\_category"**>  **@csrf** <**div class="form-group m-t-40 row"**>  <**label for="name" class="col-2 col-form-label"**>Category Name</**label**>  <**div class="col-10"**>  <**input class="form-control" type="text" name="name" id="name" placeholder="Please Enter Category Name"**>  </**div**>  </**div**>   <**div class="form-group row"**>  <**label for="" class="col-2 col-form-label"**>Category Level</**label**>  <**div class="col-10"**>  <**select class="custom-select col-12" name="parent\_id" id="parent\_id"**>  <**option value="0"**>Main Category</**option**>  </**select**>  </**div**>  </**div**>   <**div class="form-group m-t-40 row"**>  <**label for="description" class="col-2 col-form-label"**>Description</**label**>  <**div class="col-10"**>  <**textarea name="description" id="description" cols="30" rows="10" class="form-control col-12"**></**textarea**>  </**div**>  </**div**>   <**div class="form-group m-t-40 row"**>  <**div class="col-10"**>  <**div class="custom-control custom-checkbox mr-sm-2"**>  <**input type="checkbox" class="custom-control-input" id="status" name="status"**>  <**label class="custom-control-label" for="status"**>Status</**label**>  </**div**>  </**div**>  </**div**>   <**div class="form-group row"**>  <**div class="text-center"**>  <**input type="submit" name="submit" class="btn btn-primary" value="Insert Category"**>  </**div**>  </**div**>  </**form**>  </**div**>  </**div**>  </**div**>  </**div**>  </**div**>  **@endsection** |

Now we will be creating a validation for our products

|  |
| --- |
| **add\_category.blade.php** |
| **@section('script')** <**script src="https://cdnjs.cloudflare.com/ajax/libs/jquery-validate/1.16.0/jquery.validate.js?fbclid=IwAR0gve14W2V8EXN6DR0mdbmJ6\_pcNkxyRRcUjMPer\_eKY7pwwSj8E-WcaKM"**> </**script**>  <**script type="text/javascript"**>  *$*(***document***).ready(**function** () {  *$*(**"#add\_category"**).validate({  **rules**: {  **name**: {  **required**: **true** },  **description**: {  **required**: **true** },   } ,  **messages** : {  **name**: {  **required**: **"<span class='text-danger'> Please Enter Category Name </span>"** },  **description**: {  **required** : **"<span class='text-danger'> Please Insert Description </span>"** },    }  });  });   </**script**>  **@endsection** |

Now storing the value

|  |
| --- |
| **CategoryController.php** |
| **public function** addCategory(Request $request){  **if**($request->isMethod(**'post'**)){  $data = $request->all();  $category = **new** Category;  $category->**name** = *ucwords*(*strtolower*($data[**'name'**]));  $category->**description** = $data[**'description'**];  $category->**slug** = str\_slug($data[**'name'**]);  **if**($request->**status** = **"checked"**){  $category->**status** = **"1"**;  } **else** {  $category->**status** = **"0"**;  }  $category->**parent\_id** = $data[**'parent\_id'**];  $category->save();  **return** redirect()->back();  }  **return** view (**'admin.categories.add\_category'**); } |

Now we will be displaying categories in datatables

|  |
| --- |
| **web.php** |
| Route::*get*(**'/admin/view-categories'**, **'CategoryController@viewCategories'**)->name(**'category.view'**); |

|  |
| --- |
| **CategoryController.php** |
| **public function** viewCategories(){  $categories = Category::*latest*()->get();  **return** view (**'admin.categories.view\_categories'**, *compact*(**'categories'**)); } |

Create a new blade file inside categories folder and name it **view\_categories.blade.php**

|  |
| --- |
| **view\_cstegories.blade.php** |
| **@extends('admin.adminLayouts.admin\_design') @section('content')  @endsection** |

**Now update sidebar**

<**li class="sidebar-item"**>  
 <**a href="**{{route(**'category.view'**)}}**" class="sidebar-link"**>  
 <**i class="icon-Record"**></**i**>  
 <**span class="hide-menu"**> View Categories </**span**>  
 </**a**>  
</**li**>

**Now we will be working on our view categories page we will the code form datatables html file and customize**

|  |
| --- |
| **@foreach(**$categories **as** $category**)** <**tr**>  <**td**>{{$loop->**index** +1}}</**td**>  <**td**>{{$category->**name**}}</**td**>  <**td**>{{$category->**parent\_id**}}</**td**>  <**td**>  {{str\_limit($category->**description**, 40, **'[...]'**)}}  </**td**>  <**td**>{{$category->**slug**}}</**td**>  <**td**>  **@if(**$category->**status** == 1**)** <**span class="badge badge-success"**>Active</**span**>  **@else** <**span class="badge badge-warning"**>Inctive</**span**>  **@endif** </**td**>  <**td**>  <**a href="#" class="btn btn-info"**>  <**i class="fa fa-edit"**></**i**>  </**a**>  <**a href="#" class="btn btn-danger"**>  <**i class="fa fa-trash"**></**i**>  </**a**>  </**td**>  </**tr**>  **@endforeach** |

**\*\*\* Note: Do not forget to import css and js files too**

**Now we will be using toastr js for our flash messages**

**We will get the css and js for the toastr js**

header.blade.php

<**link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/toastr.js/latest/toastr.css"**>

**scripts.blade.php**

<**script src="https://cdnjs.cloudflare.com/ajax/libs/toastr.js/latest/toastr.min.js"**></**script**>

|  |
| --- |
| **CategoryController.php** |
| **public function** addCategory(Request $request){  **if**($request->isMethod(**'post'**)){  $data = $request->all();  $category = **new** Category;  $category->**name** = *ucwords*(*strtolower*($data[**'name'**]));  $category->**description** = $data[**'description'**];  $category->**slug** = str\_slug($data[**'name'**]);  **if**($request->**status** = **"checked"**){  $category->**status** = **"1"**;  } **else** {  $category->**status** = **"0"**;  }  $category->**parent\_id** = $data[**'parent\_id'**];  $category->save();  below code is only added  Session::*flash*(**'success'**, **'Category Has Been Inserted Successfully'**);  **return** redirect()->route(**'category.view'**);  till here changes  }  **return** view (**'admin.categories.add\_category'**); } |

Now

|  |
| --- |
| **view\_categories.blade.php** |
| <**script**>  **@if(**Session::*has*(**'success'**)**)  toastr**.success(**'**{{Session::*get*(**'success'**)}}**'**)  **@endif** </**script**> |

Now we will be editing and updating our category

|  |
| --- |
| **web.php** |
| Route::*match*([**'get'**, **'post'**], **'/admin/edit-category/{id}'**, **'CategoryController@editCategory'**)->name(**'category.edit'**); |

|  |
| --- |
| **CategoryController.php** |
| **public function** editCategory(Request $request, $id = **null**){  $category = Category::*where*([**'id'** => $id])->first();  **return** view (**'admin.categories.edit\_category'**)->with(*compact*(**'category'**)); } |

For edit category page we will copy add page and we will be customizing it

|  |
| --- |
| **edit\_category.blade.php** |
| <**form class="form" method="post" action="**{{route(**'category.edit'**, $category->**id**)}}**" id="add\_category" name="add\_category"**>  <**input class="form-control" type="text" name="name" id="name" value="**{{$category->**name**}}**"**>  <**div class="form-group m-t-40 row"**>  <**div class="col-10"**>  <**div class="custom-control custom-checkbox mr-sm-2"**>  <**input type="checkbox" class="custom-control-input" id="status" name="status" @if(**$category->**status** == **"1") checked @endif**>  <**label class="custom-control-label" for="status"**>Status</**label**>  </**div**>  </**div**> </**div**> |

Now for updating we will be modifying our editProduct at controller

|  |
| --- |
| **public function** editCategory(Request $request, $id = **null**){  $category = Category::*where*([**'id'** => $id])->first();   **if**($request->isMethod(**'post'**)){  $data = $request->all();  **if**(**empty**($data[**'status'**])){  $data[**'status'**] = **"0"**;  } **else** {  $data[**'status'**] = **"1"**;  }  Category::*where*([**'id'** => $id])->update([**'name'** => *ucwords*(*strtolower*($data[**'name'**])) , **'parent\_id'** => $data[**'parent\_id'**] , **'description'** => $data[**'description'**] , **'slug'** => str\_slug($data[**'name'**]) , **'status'** => $data[**'status'**]  ]);  Session::*flash*(**'info'**, **'Category Has Been Updated'**);  **return** redirect()->route(**'category.view'**);  }  **return** view (**'admin.categories.edit\_category'**)->with(*compact*(**'category'**)); } |

Now for deleting

|  |
| --- |
| **web.php** |
| Route::*match*([**'get'**, **'post'**], **'/admin/delete-category/{id}'**, **'CategoryController@deleteCategory'**)->name(**'category.delete'**); |

|  |
| --- |
| CatgeoryController.php |
| **public function** deleteCategory($id = **null**){  **if**(!**empty**($id)){  Category::*where*([**'id'** => $id])->delete();  Session::*flash*(**'danger'**, **'Category Has Been Permanently Deleted'**);  **return** redirect()->route(**'category.view'**);  } } |

**For deleting we will be using sweet alert**

<**a rel="**{{$category->**id**}}**" rel1="delete-category" href="javascript:" class="btn btn-danger deleteRecord"**>  
 <**i class="fa fa-trash"**></**i**>  
</**a**>

|  |
| --- |
| <**script type="text/javascript" src="https://cdnjs.cloudflare.com/ajax/libs/sweetalert/1.1.3/sweetalert.min.js"**> </**script**> <**script**>  *$*(***document***).ready(**function** () {  *$*(**".deleteRecord"**).click(**function**(){  **var** id = *$*(**this**).attr(**'rel'**);  **var** deleteFunction = *$*(**this**).attr(**'rel1'**);  **swal**({  **title**: **"Are You Sure"**,  **text**: **"You will not be able to recover this record again"**,  **type**: **"warning"**,  **showCancelButton**: **true**,  **confirmButtonClass**: **"btn-danger"**,  **confirmButtonText**: **"Yes, Delete it!"** },  **function**(){  ***window***.location.href=**"/meropasal/admin/"**+deleteFunction+**"/"**+id;  }  );  });  }); </**script**> |

**For displaying all toastr messages**

**Do not forget to import css and js for sweet alert too**

|  |
| --- |
| <**script**>  **@if(**Session::*has*(**'success'**)**)  toastr**.success(**'**{{Session::*get*(**'success'**)}}**'**)  **@endif   @if(**Session::*has*(**'info'**)**)  toastr**.info(**'**{{Session::*get*(**'info'**)}}**'**)  **@endif   @if(**Session::*has*(**'danger'**)**)  toastr**.error(**'**{{Session::*get*(**'danger'**)}}**'**)  **@endif** </**script**> |

Adding Sub Categories to Categories

|  |
| --- |
| **public function** addCategory(Request $request){  **if**($request->isMethod(**'post'**)){  $data = $request->all();  $category = **new** Category;  $category->**name** = *ucwords*(*strtolower*($data[**'name'**]));  $category->**description** = $data[**'description'**];  $category->**slug** = str\_slug($data[**'name'**]);  **if**($request->**status** = **"checked"**){  $category->**status** = **"1"**;  } **else** {  $category->**status** = **"0"**;  }  $category->**parent\_id** = $data[**'parent\_id'**];  $category->save();  Session::*flash*(**'success'**, **'Category Has Been Inserted Successfully'**);  **return** redirect()->route(**'category.view'**);  }   $levels = Category::*where*([**'parent\_id'** => 0])->get(); added this  **return** view (**'admin.categories.add\_category'**, *compact*(**'levels'**)); } |

|  |
| --- |
| **add\_category.blade.php** |
| <**select class="custom-select col-12" name="parent\_id" id="parent\_id"**>  <**option value="0"**>Main Category</**option**>  changed this  **@foreach(**$levels **as** $level**)** <**option value="**{{$level->**id**}}**"**>{{$level->**name**}}</**option**>  **@endforeach**  **till here** </**select**> |

Same process for edit too

Also, for displaying category name

<**td**>  
 **@if(**$category->**parent\_id** == 0**)** <**span class="badge badge-primary"**>{{ **'Main Category'** }}</**span**>  
 **@endif  
 @foreach(**$categories **as** $c**)  
 @if(**$c->**id** == $category->**parent\_id)** <**span class="badge badge-info"**>{{ $c->**name** }}</**span**>  
 **@endif  
 @endforeach**</**td**>

**Products Section**

**php artisan make:model Products –m**

|  |
| --- |
| Create\_products\_table.php |
| Schema::*create*(**'products'**, **function** (Blueprint $table) {  $table->increments(**'id'**);  $table->integer(**'category\_id'**);  $table->string(**'product\_name'**);  $table->string(**'product\_code'**);  $table->string(**'prodcut\_color'**);  $table->text(**'description'**);  $table->float(**'price'**);  $table->string(**'image'**);  $table->timestamps(); }); |

**php artisan migrate**

**php artisan make:contyroller ProductsController**

|  |
| --- |
| **web.php** |
| Route::*match*([**'get'**, **'post'**], **'admin/add-product'**, **'ProductsController@addProduct'**)->name(**'product.add'**); |
| ProductController.php |
| **public function** addProduct(Request $request){  **return** view (**'admin.products.add\_product'**);  } |

**Create a new file:** add\_product.blade.php

**Copy and customize from add category page and get the form for inserting all the products**

For displaying categories in add product

|  |
| --- |
| **public function** addProduct(Request $request){  $categories = Category::*where*([**'parent\_id'** => 0])->get();  $categories\_dropdown = **"<option selected disabled> Select </option>"**;  **foreach**($categories **as** $cat){  $categories\_dropdown .= **"<option value='"**.$cat->**id**.**"'>"**.$cat->**name**.**"</option>"**;  $sub\_categories = Category::*where*([**'parent\_id'** => $cat->**id**])->get();  **foreach**($sub\_categories **as** $sub\_cat){  $categories\_dropdown .= **"<option value='"**.$sub\_cat->**id**.**"'> &nbsp; -- &nbsp;"** .$sub\_cat->**name** .**"</option>"**;  }  }  **return** view (**'admin.products.add\_product'**)->with(*compact*(**'categories\_dropdown'**)); } |

|  |
| --- |
| **add\_product.blade.php** |
| <**div class="form-group row"**>  <**label for="" class="col-2 col-form-label"**>Under Category</**label**>  <**div class="col-10"**>  <**select class="custom-select col-12" name="category\_id" id="category\_id"**>  **<?php echo** $categories\_dropdown **?>** </**select**>  </**div**> </**div**> |

Noe validate the product method

Now save the proucts

|  |
| --- |
| **public function** addProduct(Request $request){   **if**($request->isMethod(**'post'**)){  $data = $request->all(); *// echo "<pre>"; print\_r($data); die; // dd($data);* $product = **new** Product;  **if**(**empty**($data[**'category\_id'**])){  **return** redirect()->back()->with(**'flash\_message\_error'**, **'Under Category is Missing'**);  } **else** {  $product->**category\_id** = $data[**'category\_id'**];  }   $product->**product\_name** = *ucwords*(*strtolower*($data[**'product\_name'**]));  $product->**product\_code** = *strtoupper*($data[**'product\_code'**]);  $product->**prodcut\_color** = $data[**'product\_color'**];   **if**(!**empty**($data[**'description'**])){  $product->**description** = $data[**'description'**];  } **else** {  $product->**description** = **""**;  }  $product->**price** = $data[**'price'**];    **if**($request->hasFile(**'image'**)){  $image\_tmp = Input::*file*(**'image'**);  **if**($image\_tmp->isValid()){  $extension = $image\_tmp->getClientOriginalExtension();  $filename = *rand*(1200,999999).**'.'**.$extension;   $large\_image\_path = **'public/adminpanel/uploads/products/large/'**.$filename;  $medium\_image\_path = **'public/adminpanel/uploads/products/medium/'**.$filename;  $small\_image\_path = **'public/adminpanel/uploads/products/small/'**.$filename;   Image::*make*($image\_tmp)->save($large\_image\_path);  Image::*make*($image\_tmp)->resize(600,600)->save($medium\_image\_path);  Image::*make*($image\_tmp)->resize(300,300)->save($small\_image\_path);   $product->**image** = $filename;   }  }   $product->save();  **return** redirect()->back();   }    $categories = Category::*where*([**'parent\_id'** => 0])->get();  $categories\_dropdown = **"<option selected disabled> Select</option>"**;  **foreach**($categories **as** $cat){  $categories\_dropdown .= **"<option value='"**.$cat->**id**.**"'>"**. $cat->**name** .**" </option>"**;  $sub\_categories = Category::*where*([**'parent\_id'** => $cat->**id**])->get();  **foreach**($sub\_categories **as** $sub\_cat){  $categories\_dropdown .= **"<option value='"**.$sub\_cat->**id**.**"'> &nbsp; --- &nbsp; "**.$sub\_cat->**name**.**"</option>"**;  }  }  **return** view (**'admin.products.add\_product'**, *compact*(**'categories\_dropdown'**));  } |

**Now viewing the products**

|  |
| --- |
| **web.php** |
| Route::*get*(**'/admin/view-products'**, **'ProductsController@viewProducts'**)->name(**'product.view'**); |
| ProductsController.php |
| **public function** viewProducts(){  $products = Product::*latest*()->get();   **return** view (**'admin.products.view\_products'**, *compact*(**'products'**)); } |

**Now create the view\_products.blade.php file and show the details**

|  |
| --- |
| View\_products.blade.php |
| **@foreach(**$products **as** $product**)** <**tr**>  <**td**>{{$loop->**index** +1}}</**td**>  <**td**>{{$product->**product\_name**}}</**td**>  <**td**>{{$product->**category\_name**}}</**td**>  <**td**>  <**img src="**{{asset(**'public/adminpanel/uploads/products/small/'**.$product->**image**)}}**" alt="" width="100px;"**>  </**td**>  <**td**>{{$product->**price**}}</**td**>  <**td**>  <**a href="" class="btn btn-info"**>  <**i class="fa fa-edit"**></**i**>  </**a**>  <**a rel="" rel1="delete-category" href="javascript:" class="btn btn-danger deleteRecord"**>  <**i class="fa fa-trash"**></**i**>  </**a**>  </**td**>  </**tr**>  **@endforeach** |

Displaying the categories name according to the category id

|  |
| --- |
| **public function** viewProducts(){  $products = Product::*get*();  **foreach**($products **as** $key => $val){  $category\_name = Category::*where*([**'id'**=>$val->**category\_id**])->first();  $products[$key]->**category\_name** = $category\_name->**name**;  }  **return** view(**'admin.products.view\_products'**)->with(*compact*(**'products'**)); } |
| <**td**>  **@if(**!**empty**($product->**image**)**)** <**img src="**{{asset(**'/images/backend\_images/products/small/'**.$product->**image**)}}**" alt="" width="60px;"**>  **@endif** </**td**>  <**td**>{{$product->**category\_name**}}</**td**> |

**Products Details Modal Pop Up**

**It is not possible to show complete products details in view products table itself so we will open modal pop up to show details for the products**

|  |
| --- |
| <**a data-toggle="modal" data-target="#myModal**{{$product->**id**}}**" class="btn btn-warning"**>  <**i class="fa fa-eye"**></**i**> </**a**>  <**div id="myModal**{{$product->**id**}}**" class="modal fade" tabindex="-1" role="dialog" aria-labelledby="myModalLabel" aria-hidden="true"**>  <**div class="modal-dialog"**>  <**div class="modal-content"**>  <**div class="modal-header"**>  <**h4 class="modal-title" id="myModalLabel"**>{{$product->**product\_name**}}</**h4**>  <**button type="button" class="close" data-dismiss="modal" aria-hidden="true"**>×</**button**>  </**div**>  <**div class="modal-body"**>  <**p**><**strong**>Product Code : </**strong**> {{$product->**product\_code**}}</**p**>  <**p**><**strong**>Product Color : </**strong**> {{$product->**prodcut\_color**}}</**p**>  <**p**><**strong**>Product Price : </**strong**> {{$product->**price**}}</**p**>  <**p**><**strong**>Description</**strong**></**p**>  {!! *htmlspecialchars\_decode*($product->**description**) !!}   </**div**>  <**div class="modal-footer"**>  <**button type="button" class="btn btn-info waves-effect" data-dismiss="modal"**>Close</**button**>  </**div**>  </**div**>  *<!-- /.modal-content -->* </**div**>  *<!-- /.modal-dialog -->* </**div**> |

**Now editing products**

|  |
| --- |
| **Web.php** |
| Route::*match*([**'get'**, **'post'**], **'/admin/edit-product/{id}'**, **'ProductsController@editProduct'**)->name(**'product.edit'**); |

|  |
| --- |
| ProductsController.php |
| **public function** editProduct(Request $request, $id){  $productDetails = Product::*where*([**'id'** => $id])->first();   $categories = Category::*where*([**'parent\_id'** => 0])->get();  $categories\_dropdown = **"<option value='' selected disabled> Select </option>"**;  **foreach**($categories **as** $cat){  **if**($cat->**id** == $productDetails->**category\_id**){  $selected = **"selected"**;  } **else** {  $selected = **""**;  }  $categories\_dropdown .= **"<option value='"**.$cat->**id**.**"' "**.$selected.**"> "**.$cat->**name**.**" </option>"**;   $sub\_categories = Category::*where*([**'parent\_id'** => $cat->**id**])->get();  **foreach**($sub\_categories **as** $sub\_cat){  **if**($sub\_cat->**id** == $productDetails->**category\_id**){  $selected = **"selected"**;  } **else** {  $selected = **""**;  }   $categories\_dropdown .= **"<option value='"**.$sub\_cat->**id**.**"' "**.$selected.**"> &nbsp; --- &nbsp; "**.$sub\_cat->**name**.**" </option>"**;   }  }   **return** view (**'admin.products.edit\_product'**, *compact*(**'productDetails'**, **'categories\_dropdown'**)); } |
| Same dropdown code as add on the edit also |

Display all the values of the fields of the edit page

Ie. **value="**{{$productDetails->**prodcut\_color**}}**"**

Now updating the products

|  |
| --- |
| **ProductController.php** |
| **public function** editProduct(Request $request, $id){  $productDetails = Product::*where*([**'id'** => $id])->first();   **if**($request->isMethod(**'post'**)){  $data = $request->all();   **if**($request->hasFile(**'image'**)){  $image\_tmp = Input::*file*(**'image'**);  **if**($image\_tmp->isValid()){  $extension = $image\_tmp->getClientOriginalExtension();  $filename = *rand*(1200,999999).**'.'**.$extension;   $large\_image\_path = **'public/adminpanel/uploads/products/large/'**.$filename;  $medium\_image\_path = **'public/adminpanel/uploads/products/medium/'**.$filename;  $small\_image\_path = **'public/adminpanel/uploads/products/small/'**.$filename;   Image::*make*($image\_tmp)->save($large\_image\_path);  Image::*make*($image\_tmp)->resize(600,600)->save($medium\_image\_path);  Image::*make*($image\_tmp)->resize(300,300)->save($small\_image\_path);   }  } **else** {  $filename = $data[**'current\_image'**];  }   **if**(**empty**($data{**'description'**})){  $data[**'description'**] = **""**;  }   Product::*where*([**'id'** => $id])->update([**'category\_id'** => $data[**'category\_id'**], **'product\_name'** => *ucwords*(*strtolower*($data[**'product\_name'**])), **'product\_code'** => $data[**'product\_code'**], **'prodcut\_color'** => $data[**'product\_color'**], **'price'** => $data[**'price'**], **'description'** => $data[**'description'**], **'image'** => $filename  ]);   Session::*flash*(**'success'**, **'Products Updated Successfully'**);  **return** redirect()->route(**'product.view'**);  }    $categories = Category::*where*([**'parent\_id'** => 0])->get();  $categories\_dropdown = **"<option value='' selected disabled> Select </option>"**;  **foreach**($categories **as** $cat){  **if**($cat->**id** == $productDetails->**category\_id**){  $selected = **"selected"**;  } **else** {  $selected = **""**;  }  $categories\_dropdown .= **"<option value='"**.$cat->**id**.**"' "**.$selected.**"> "**.$cat->**name**.**" </option>"**;   $sub\_categories = Category::*where*([**'parent\_id'** => $cat->**id**])->get();  **foreach**($sub\_categories **as** $sub\_cat){  **if**($sub\_cat->**id** == $productDetails->**category\_id**){  $selected = **"selected"**;  } **else** {  $selected = **""**;  }   $categories\_dropdown .= **"<option value='"**.$sub\_cat->**id**.**"' "**.$selected.**"> &nbsp; --- &nbsp; "**.$sub\_cat->**name**.**" </option>"**;   }  }   **return** view (**'admin.products.edit\_product'**, *compact*(**'productDetails'**, **'categories\_dropdown'**)); } |

|  |
| --- |
| <**div class="form-group m-t-40 row"**>  <**label for="name" class="col-2 col-form-label"**>Product Image</**label**>  <**div class="col-10"**>  <**input class="form-control" type="file" name="image" id="image"**>  <**input type="hidden" name="current\_image" value="**{{$productDetails->**image**}}**"**>  <**img src="**{{asset(**'public/adminpanel/uploads/products/small/'**.$productDetails->**image**)}}**" alt="" width="100px;"**>  </**div**> </**div**> |

Now deleting the product

|  |
| --- |
| **web.php** |
| Route::*get*(**'/admin/delete-product/{id}'**, **'ProductsController@deleteProduct'**)->name(**'product.delete'**); |
| **ProductController.php** |
| **public function** deleteProduct($id = **null**){  $product = Product::*findOrFail*($id);  $product->delete();  Session::*flash*(**'danger'**, **'Product Deleted'**);  **return** redirect()->route(**'product.view'**); } |

|  |
| --- |
| <**a rel="**{{$product->**id**}}**" rel1="delete-product" href="javascript:" class="btn btn-danger deleteRecord"**>  <**i class="fa fa-trash"**></**i**>   </**a**> |

Adding the functionality of deleteing the products while we delete the category

|  |
| --- |
| **Products migartion** |
| $table->foreign(**'category\_id'**)->references(**'id'**)->on(**'categories'**)->onDelete(**'cascade'**); |
| **public function** down() {  Schema::*table*(**'products'**, **function** (Blueprint $table){  $table->dropForeign(**'products\_category\_id\_foreign'**);  });  Schema::**dropIfExists**(**'products'**); } |

**Products Attributes**

php artisan make:model ProductsAttribute –m

|  |
| --- |
| $table->increments(**'id'**); $table->integer(**'product\_id'**); $table->string(**'sku'**); $table->string(**'size'**); $table->float(**'price'**); $table->integer(**'stock'**); $table->timestamps(); |

php artisan migrate

|  |
| --- |
| Route::*match*([**'get'**, **'post'**], **'/admin/add-attribute/{id}'**, **'ProductsController@addAttributes'**)->name(**'product.addattribute'**);  **public function** addAttributes(Request $request, $id = **null**){  **return** view (**'admin.products.add\_attributes'**); } |

Create a new blade file in **products/add\_attributes.blade.php**

|  |
| --- |
| **@extends('admin.adminLayouts.admin\_design')  @section('content')** <**div class="page-breadcrumb"**>  <**div class="row"**>  <**div class="col-5 align-self-center"**>  <**h4 class="page-title"**>Products Attributes</**h4**>  <**div class="d-flex align-items-center"**>   </**div**>  </**div**>  <**div class="col-7 align-self-center"**>  <**div class="d-flex no-block justify-content-end align-items-center"**>  <**nav aria-label="breadcrumb"**>  <**ol class="breadcrumb"**>  <**li class="breadcrumb-item"**>  <**a href="**{{route(**'admin.dashboard'**)}}**"**>Home</**a**>  </**li**>  <**li class="breadcrumb-item active" aria-current="page"**>Products Attributes</**li**>  </**ol**>  </**nav**>  </**div**>  </**div**>  </**div**>  </**div**>   <**div class="container-fluid"**>   <**div class="row"**>  <**div class="col-sm-12"**>  <**div class="card"**>  <**div class="card-body"**>  <**h4 class="card-title"**>Add a New Product Attributes</**h4**>  **@if(**Session::*has*(**'flash\_message\_error'**)**)** <**div class="alert alert-error alert-block"**>  <**button type="button" class="close" data-dismiss="alert"**>x</**button**>  <**strong**>{!! session(**'flash\_message\_error'**) !!}</**strong**>  </**div**>  **@endif** <**div class="form-group"**>  <**div class="row"**>  <**div class="col-md-3"**>  <**label**>Product Name</**label**>  </**div**>  <**div class="col-md-6"**>  <**label class="control-label"**>  {{$productDetails->**product\_name**}}  </**label**>  </**div**>  </**div**>  <**div class="row"**>  <**div class="col-md-3"**>  <**label**>Product Code</**label**>  </**div**>  <**div class="col-md-6"**>  <**label class="control-label"**>  {{$productDetails->**product\_code**}}  </**label**>  </**div**>  </**div**>    <**form method="post" action="" name="add\_attribute" id="add\_attribute"**>  **@csrf** <**input type="hidden" name="product\_id" value="**{{$productDetails->**id**}}**"**>  <**div class="control-group"**>  <**div class="control-label"**>  <**div class="field\_wrapper"**>  <**div**>  <**input type="text" name="sku[]" id="sku" placeholder="SKU" width="120px;"**>  <**input type="text" name="size[]" id="size" placeholder="Size" width="120px;"**>  <**input type="text" name="price[]" id="price" placeholder="Price" width="120px;"**>  <**input type="text" name="stock[]" id="stock" placeholder="Stock" width="120px;"**>  <**a href="javascript:void(0);" class="add\_button" title="Add Field"**>Add</**a**>  </**div**>    </**div**>   </**div**>  </**div**>   <**input type="submit" name="submit" value="Store" class="btn btn-primary"**>  </**form**>   </**div**>  </**div**>  </**div**>  </**div**>  </**div**>    </**div**>   **@endsection  @section('script')** <**script type="text/javascript"**>  *$*(***document***).ready(**function**(){  **var** maxField = 10; *//Input fields increment limitation* **var** addButton = *$*(**'.add\_button'**); *//Add button selector* **var** wrapper = *$*(**'.field\_wrapper'**); *//Input field wrapper* **var** fieldHTML = **'<div class="field\_wrapper"> <div> <input type="text" name="sku[]" id="sku" placeholder="SKU" width="120px;"> <input type="text" name="size[]" id="size" placeholder="Size" width="120px;"> <input type="text" name="price[]" id="price" placeholder="Price" width="120px;"> <input type="text" name="stock[]" id="stock" placeholder="Stock" width="120px;"> <a href="javascript:void(0);" class="remove\_button"> Remove </a></div> </div> '**;   **var** x = 1; *//Initial field counter is 1   //Once add button is clicked  $*(addButton).click(**function**(){  *//Check maximum number of input fields* **if**(x < maxField){  x++; *//Increment field counter  $*(wrapper).append(fieldHTML); *//Add field html* }  });   *//Once remove button is clicked  $*(wrapper).on(**'click'**, **'.remove\_button'**, **function**(e){  e.preventDefault();  *$*(**this**).parent(**'div'**).remove(); *//Remove field html* x--; *//Decrement field counter* });  });  </**script**>  **@endsection** |

**Adding products attributes and displaying**

|  |
| --- |
| **public function** addAttributes(Request $request, $id = **null**){  $productDetails = Product::*with*(**'attributes'**)->where([**'id'** => $id])->first();   **if**($request->isMethod(**'post'**)){  $data = $request->all(); *// echo "<pre>"; print\_r($data); die;* **foreach**($data[**'sku'**] **as** $key => $val){  **if**(!**empty**($val)){  $attribute = **new** ProductsAttribute;  $attribute->**product\_id** = $data[**'product\_id'**];  $attribute->**sku** = $val;  $attribute->**size** = $data[**'size'**][$key];  $attribute->**price** = $data[**'price'**][$key];  $attribute->**stock** = $data[**'stock'**][$key];  $attribute->save();  }  }  Session::*flash*(**'success'**, **'Attribute Has Been Added Successfully'**);  **return** redirect()->back();   }   **return** view (**'admin.products.add\_attributes'**, *compact*(**'productDetails'**));  } |

**We will update our product model to add hasMany relation . hasMany relations means one to many like there is one prdocut and that can have multiple attribute**

|  |
| --- |
| Product.php |
| **public function** attributes(){  **return** $this->hasMany(ProductsAttribute::***class***, **'product\_id'**); } |

|  |
| --- |
| <**div class="row"**>  <**div class="col-12"**>  <**div class="card"**>  <**div class="card-body"**>  <**h4 class="card-title"**>Products Attributes</**h4**>  <**div class="table-responsive"**>  <**table id="zero\_config" class="table table-striped table-bordered"**>  <**thead**>  <**tr**>  <**th**>#</**th**>  <**th**>SKU</**th**>  <**th**>Size</**th**>  <**th**>Price</**th**>  <**th**>Stock</**th**>  <**th**>Actions</**th**>  </**tr**>  </**thead**>  <**tbody**>  **@foreach(**$productDetails[**'attributes'**] **as** $attribute**)** <**tr**>  <**td**>{{$loop->**index** +1}}</**td**>  <**td**>{{$attribute->**sku**}}</**td**>  <**td**>{{$attribute->**size**}}</**td**>  <**td**>{{$attribute->**price**}}</**td**>  <**td**>{{$attribute->**stock**}}</**td**>  <**td**>  <**a rel="**{{$attribute->**id**}}**" rel1="delete-attribute" href="javascript:" class="btn btn-danger deleteRecord"**>  Delete  </**a**>  </**td**>  </**tr**>  **@endforeach** </**tbody**>   </**table**>  </**div**>  </**div**>  </**div**>  </**div**> </**div**> |

**For deleting**

Route::*get*(**'/admin/delete-attribute/{id}'**, **'ProductsController@deleteAttribute'**)->name(**'delete.attribute'**);

**public function** deleteAttribute($id){  
 $attribute = ProductsAttribute::*findOrFail*($id);  
 $attribute->delete();  
 Session::*flash*(**'danger'**, **'Product Attribute Has Been Deleted Successfully'**);  
 **return** redirect()->back();  
}

Resumed

Download Free Template for e-commerce : E-shopper

<https://www.free-css.com/free-css-templates/page203/e-shopper>

php artisan make:controller IndexController

first remove the previous route for the root

|  |
| --- |
| **web.php** |
| Route::*get*(**'/'**, **'IndexController@index'**)->name(**'indexpage'**); |

|  |
| --- |
| **IndexController.php** |
| **public function** index(){  **return** view (**'frontend.index'**); } |

Now create a new folder and blade file named frontend/index.blade.php

Set the frontend design.

**Showing Products in Index Page**

|  |
| --- |
| **FrontEndController.php** |
| **public function** index(){  $products = Product::*latest*()->get();  **return** view (**'frontend.index'**,*compact*(**'products'**)); } |

|  |
| --- |
| **index.blade.php** |
| **@foreach(**$products **as** $product**)** <**div class="col-sm-4"**>  <**div class="product-image-wrapper"**>  <**div class="single-products"**>  <**div class="productinfo text-center"**>  <**img src="**{{asset(**'public/adminpanel/uploads/products/small/'**.$product->**image**)}}**" alt=""** />  <**h2**>Rs. {{$product->**price**}}</**h2**>  <**p**>{{$product->**product\_name**}}</**p**>  <**a href="#" class="btn btn-default add-to-cart"**><**i class="fa fa-shopping-cart"**></**i**>Add to cart</**a**>  </**div**>  <**div class="product-overlay"**>  <**div class="overlay-content"**>  <**h2**>Rs. {{$product->**price**}}</**h2**>  <**p**>{{$product->**product\_name**}}</**p**>  <**a href="#" class="btn btn-default add-to-cart"**><**i class="fa fa-shopping-cart"**></**i**>Add to cart</**a**>  </**div**>  </**div**>  </**div**>   </**div**>  </**div**> **@endforeach** |

**Display Categoires At Left sidebar**

|  |
| --- |
| Category.php |
| **public function** categories(){  **return** $this->hasMany(**'App\Category'**, **'parent\_id'**); } |

|  |
| --- |
| **IndexController.php** |
| **public function** index(){  $products = Product::*latest*()->get();  $categories = Category::*with*(**'categories'**)->where([**'parent\_id'** => 0])->get();  **return** view (**'frontend.index'**,*compact*(**'products'**, **'categories'**)); } |

|  |
| --- |
| index.blade.php |
| **@foreach(**$categories **as** $category**)** <**div class="panel panel-default"**>  <**div class="panel-heading"**>  <**h4 class="panel-title"**>  <**a data-toggle="collapse" data-parent="#**{{$category->**id**}}**" href="#**{{$category->**id**}}**"**>  <**span class="badge pull-right"**><**i class="fa fa-plus"**></**i**></**span**>  {{$category->**name**}}  </**a**>  </**h4**>  </**div**>  <**div id="**{{$category->**id**}}**" class="panel-collapse collapse"**>  <**div class="panel-body"**>  <**ul**>  **@foreach(**$category->**categories as** $subcategory**)** <**li**><**a href="#"**>{{$subcategory->**name**}}</**a**></**li**>  **@endforeach** </**ul**>  </**div**>  </**div**> </**div**> **@endforeach** |

Category Listing page

php artisan make:controller FrontController

|  |
| --- |
| Route::*get*(**'/products/{slug}'**, **'FrontController@products'**)->name(**'products'**); |

|  |
| --- |
| FrontController.php |
| **public function** products($slug = **null**){  $categories = Category::*with*(**'categories'**)->where([**'parent\_id'** => 0])->get();  $categoryDetails = Category::*where*([**'slug'** => $slug])->first();  $products = Product::*where*([**'category\_id'** => $categoryDetails->**id**])->get();  **return** view (**'frontend.products.listing'**, *compact*(**'categoryDetails'**, **'categories'**, **'products'**)); } |

|  |
| --- |
| products/listing.blade.php |
| Copy and paste the code from index.blade.php  <**h2 class="title text-center"**>{{$categoryDetails->**name**}}</**h2**> |

|  |
| --- |
| Index.blade.php |
| <**li**><**a href="**{{route(**'products'**, $subcategory->**slug**)}}**"**>{{$subcategory->**name**}}</**a**></**li**> |

Showing Sub categories Products in Main Categories

**Controller.php**

**public static function** mainCategories(){  
 $mainCategories = Category::*where*([**'parent\_id'** => 0])->get();  
 **return** $mainCategories;  
}

**Header.blade.php**

**<?php  
 use** App\Http\Controllers\Controller;  
 $mainCategories = Controller::*mainCategories*();  
**?>**

<**ul role="menu" class="sub-menu"**>  
 **@foreach(**$mainCategories **as** $category**)** <**li**><**a href="**{{route(**'products'**,$category->**slug**)}}**"**>{{$category->**name**}}</**a**></**li**>  
 **@endforeach**</**ul**>

FrontController.php

**public function** products($slug = **null**){  
  
*// Get all the categories and sub categories* $categories = Category::*with*(**'categories'**)->where([**'parent\_id'** => 0])->get();  
 $categoriesDetails = Category::*where*([**'slug'** => $slug])->first();  
  
 **if**($categoriesDetails->**parent\_id** == 0){  
*// if slug is main category* $subCategories = Category::*where*([**'parent\_id'** => $categoriesDetails->**id**])->get();  
 **foreach**($subCategories **as** $subcat){  
 $cat\_ids[] = $subcat->**id**;  
 }  
 $productsAll = Product::*whereIn*(**'category\_id'**, $cat\_ids)->get();  
 $productsAll = *json\_decode*(*json\_encode*($productsAll));  
 } **else** {  
*// if slug is subcategory* $productsAll = Product::*where*([**'category\_id'** => $categoriesDetails->**id**])->get();  
 }

**Displaying 404 error page**

|  |
| --- |
| **public function** products($slug = **null**){   $countCategory = Category::*where*([**'slug'** => $slug])->count();  **if**($countCategory == 0){  abort(404);  }  … below code same |

Make a new folder inside views/errors/404.blade.php

Get the 404.html code in this page.

**Showing status active only in the frontend**

**@foreach(**$categories **as** $category**)  
 @if(**$category->**status** == 1**)** <**div class="panel panel-default"**>  
 <**div class="panel-heading"**>  
 <**h4 class="panel-title"**>  
 <**a data-toggle="collapse" data-parent="#**{{$category->**id**}}**" href="#**{{$category->**id**}}**"**>  
 <**span class="badge pull-right"**><**i class="fa fa-plus"**></**i**></**span**>  
 {{$category->**name**}}  
 </**a**>  
 </**h4**>  
 </**div**>  
 <**div id="**{{$category->**id**}}**" class="panel-collapse collapse"**>  
 <**div class="panel-body"**>  
 <**ul**>  
 **@foreach(**$category->**categories as** $subcategory**)  
 @if(**$subcategory->**status** == 1**)** <**li**><**a href="**{{route(**'products'**, $subcategory->**slug**)}}**"**>{{$subcategory->**name**}}</**a**></**li**>  
 **@endif  
 @endforeach** </**ul**>  
 </**div**>  
 </**div**>  
 </**div**>  
 **@endif  
@endforeach**

**Deleting Products Image from folders**

|  |
| --- |
| **Edit.blade.php (products)** |
| <**div class="form-group m-t-40 row"**>  <**label for="name" class="col-2 col-form-label"**>Product Image</**label**>  <**div class="col-10"**>  <**input class="form-control" type="file" name="image" id="image"**>  <**input type="hidden" name="current\_image" value="**{{$productDetails->**image**}}**"**>  **@if(**!**empty**($productDetails->**image**)**)** <**img src="**{{asset(**'public/adminpanel/uploads/products/small/'**.$productDetails->**image**)}}**" alt="" width="100px;"**>  <**br**>  <**a href="**{{route(**'delete-productimage'**, $productDetails->**id**)}}**" class="text-danger"**>Delete Image</**a**>  **@endif** </**div**> </**div**> |

Route::*get*(**'/admin/delete-product-image/{id}'**, **'ProductsController@deleteProductImage'**)->name(**'delete-productimage'**);

**public function** deleteProductImage($id = **null**){  
 $productImage = Product::*where*([**'id'** => $id])->first();  
  
 $large\_image\_path = **'public/adminpanel/uploads/products/large/'**;  
 $medium\_image\_path = **'public/adminpanel/uploads/products/medium/'**;  
 $small\_image\_path = **'public/adminpanel/uploads/products/small/'**;  
  
 **if**(*file\_exists*($large\_image\_path.$productImage->**image**)){  
 *unlink*($large\_image\_path.$productImage->**image**);  
 }  
 **if**(*file\_exists*($small\_image\_path.$productImage->**image**)){  
 *unlink*($small\_image\_path.$productImage->**image**);  
 }  
 **if**(*file\_exists*($medium\_image\_path.$productImage->**image**)){  
 *unlink*($medium\_image\_path.$productImage->**image**);  
 }  
  
 Product::*where*([**'id'** => $id])->update([**'image'** => **''**]);  
 Session::*flash*(**'danger'**, **'Product Image Has Been Deleted Successfully'**);  
 **return** redirect()->back();  
  
}

**Showing products in the details page**

Route::*get*(**'/product/{id}'**, **'FrontController@product'**)->name(**'single.products'**);

**public function** product($id = **null**){  
 $productDetails = Product::*where*(**'id'**, $id)->first();  
 $categories = Category::*with*(**'categories'**)->where([**'parent\_id'** => 0])->get();  
 **return** view (**'frontend.products.detail'**, *compact*(**'productDetails'**, **'categories'**));  
}

|  |
| --- |
| **Detail.blade.php** |
| **@extends('frontend.includes.front\_design')  @section('content')** <**section**>  <**div class="container"**>  <**div class="row"**>  <**div class="col-sm-3"**>  **@include('frontend.includes.front\_sidebar')** </**div**>   <**div class="col-sm-9 padding-right"**>  <**div class="product-details"**>*<!--product-details-->* <**div class="col-sm-5"**>  <**div class="view-product"**>  <**img src="**{{asset(**'public/adminpanel/uploads/products/small/'**.$productDetails->**image**)}}**" alt=""** />  </**div**>  <**div id="similar-product" class="carousel slide" data-ride="carousel"**>   *<!-- Wrapper for slides -->* <**div class="carousel-inner"**>  <**div class="item active"**>  <**a href=""**><**img src="images/product-details/similar1.jpg" alt=""**></**a**>  <**a href=""**><**img src="images/product-details/similar2.jpg" alt=""**></**a**>  <**a href=""**><**img src="images/product-details/similar3.jpg" alt=""**></**a**>  </**div**>  <**div class="item"**>  <**a href=""**><**img src="images/product-details/similar1.jpg" alt=""**></**a**>  <**a href=""**><**img src="images/product-details/similar2.jpg" alt=""**></**a**>  <**a href=""**><**img src="images/product-details/similar3.jpg" alt=""**></**a**>  </**div**>  <**div class="item"**>  <**a href=""**><**img src="images/product-details/similar1.jpg" alt=""**></**a**>  <**a href=""**><**img src="images/product-details/similar2.jpg" alt=""**></**a**>  <**a href=""**><**img src="images/product-details/similar3.jpg" alt=""**></**a**>  </**div**>   </**div**>   *<!-- Controls -->* <**a class="left item-control" href="#similar-product" data-slide="prev"**>  <**i class="fa fa-angle-left"**></**i**>  </**a**>  <**a class="right item-control" href="#similar-product" data-slide="next"**>  <**i class="fa fa-angle-right"**></**i**>  </**a**>  </**div**>   </**div**>  <**div class="col-sm-7"**>  <**div class="product-information"**>*<!--/product-information-->* <**h2**>{{$productDetails->**product\_name**}}</**h2**>  <**p**>Product Code: {{$productDetails->**product\_code**}}</**p**>  <**span**>  <**span**>Rs. {{$productDetails->**price**}}</**span**>  <**label**>Quantity:</**label**>  <**input type="text" value="3"** />  <**button type="button" class="btn btn-fefault cart"**>  <**i class="fa fa-shopping-cart"**></**i**>  Add to cart  </**button**>  </**span**>  <**p**><**b**>Availability:</**b**> In Stock</**p**>   </**div**>*<!--/product-information-->* </**div**>  </**div**>*<!--/product-details-->* <**div class="category-tab shop-details-tab"**>*<!--category-tab-->* <**div class="col-sm-12"**>  <**ul class="nav nav-tabs"**>  <**li**><**a href="#details" data-toggle="tab"**>Details</**a**></**li**>  <**li**><**a href="#companyprofile" data-toggle="tab"**>Company Profile</**a**></**li**>  <**li**><**a href="#tag" data-toggle="tab"**>Tag</**a**></**li**>  <**li class="active"**><**a href="#reviews" data-toggle="tab"**>Reviews (5)</**a**></**li**>  </**ul**>  </**div**>  <**div class="tab-content"**>  <**div class="tab-pane fade" id="details"** >  <**div class="col-sm-3"**>  <**div class="product-image-wrapper"**>  <**div class="single-products"**>  <**div class="productinfo text-center"**>  <**img src="images/home/gallery1.jpg" alt=""** />  <**h2**>$56</**h2**>  <**p**>Easy Polo Black Edition</**p**>  <**button type="button" class="btn btn-default add-to-cart"**><**i class="fa fa-shopping-cart"**></**i**>Add to cart</**button**>  </**div**>  </**div**>  </**div**>  </**div**>  <**div class="col-sm-3"**>  <**div class="product-image-wrapper"**>  <**div class="single-products"**>  <**div class="productinfo text-center"**>  <**img src="images/home/gallery2.jpg" alt=""** />  <**h2**>$56</**h2**>  <**p**>Easy Polo Black Edition</**p**>  <**button type="button" class="btn btn-default add-to-cart"**><**i class="fa fa-shopping-cart"**></**i**>Add to cart</**button**>  </**div**>  </**div**>  </**div**>  </**div**>  <**div class="col-sm-3"**>  <**div class="product-image-wrapper"**>  <**div class="single-products"**>  <**div class="productinfo text-center"**>  <**img src="images/home/gallery3.jpg" alt=""** />  <**h2**>$56</**h2**>  <**p**>Easy Polo Black Edition</**p**>  <**button type="button" class="btn btn-default add-to-cart"**><**i class="fa fa-shopping-cart"**></**i**>Add to cart</**button**>  </**div**>  </**div**>  </**div**>  </**div**>  <**div class="col-sm-3"**>  <**div class="product-image-wrapper"**>  <**div class="single-products"**>  <**div class="productinfo text-center"**>  <**img src="images/home/gallery4.jpg" alt=""** />  <**h2**>$56</**h2**>  <**p**>Easy Polo Black Edition</**p**>  <**button type="button" class="btn btn-default add-to-cart"**><**i class="fa fa-shopping-cart"**></**i**>Add to cart</**button**>  </**div**>  </**div**>  </**div**>  </**div**>  </**div**>   <**div class="tab-pane fade" id="companyprofile"** >  <**div class="col-sm-3"**>  <**div class="product-image-wrapper"**>  <**div class="single-products"**>  <**div class="productinfo text-center"**>  <**img src="images/home/gallery1.jpg" alt=""** />  <**h2**>$56</**h2**>  <**p**>Easy Polo Black Edition</**p**>  <**button type="button" class="btn btn-default add-to-cart"**><**i class="fa fa-shopping-cart"**></**i**>Add to cart</**button**>  </**div**>  </**div**>  </**div**>  </**div**>  <**div class="col-sm-3"**>  <**div class="product-image-wrapper"**>  <**div class="single-products"**>  <**div class="productinfo text-center"**>  <**img src="images/home/gallery3.jpg" alt=""** />  <**h2**>$56</**h2**>  <**p**>Easy Polo Black Edition</**p**>  <**button type="button" class="btn btn-default add-to-cart"**><**i class="fa fa-shopping-cart"**></**i**>Add to cart</**button**>  </**div**>  </**div**>  </**div**>  </**div**>  <**div class="col-sm-3"**>  <**div class="product-image-wrapper"**>  <**div class="single-products"**>  <**div class="productinfo text-center"**>  <**img src="images/home/gallery2.jpg" alt=""** />  <**h2**>$56</**h2**>  <**p**>Easy Polo Black Edition</**p**>  <**button type="button" class="btn btn-default add-to-cart"**><**i class="fa fa-shopping-cart"**></**i**>Add to cart</**button**>  </**div**>  </**div**>  </**div**>  </**div**>  <**div class="col-sm-3"**>  <**div class="product-image-wrapper"**>  <**div class="single-products"**>  <**div class="productinfo text-center"**>  <**img src="images/home/gallery4.jpg" alt=""** />  <**h2**>$56</**h2**>  <**p**>Easy Polo Black Edition</**p**>  <**button type="button" class="btn btn-default add-to-cart"**><**i class="fa fa-shopping-cart"**></**i**>Add to cart</**button**>  </**div**>  </**div**>  </**div**>  </**div**>  </**div**>   <**div class="tab-pane fade" id="tag"** >  <**div class="col-sm-3"**>  <**div class="product-image-wrapper"**>  <**div class="single-products"**>  <**div class="productinfo text-center"**>  <**img src="images/home/gallery1.jpg" alt=""** />  <**h2**>$56</**h2**>  <**p**>Easy Polo Black Edition</**p**>  <**button type="button" class="btn btn-default add-to-cart"**><**i class="fa fa-shopping-cart"**></**i**>Add to cart</**button**>  </**div**>  </**div**>  </**div**>  </**div**>  <**div class="col-sm-3"**>  <**div class="product-image-wrapper"**>  <**div class="single-products"**>  <**div class="productinfo text-center"**>  <**img src="images/home/gallery2.jpg" alt=""** />  <**h2**>$56</**h2**>  <**p**>Easy Polo Black Edition</**p**>  <**button type="button" class="btn btn-default add-to-cart"**><**i class="fa fa-shopping-cart"**></**i**>Add to cart</**button**>  </**div**>  </**div**>  </**div**>  </**div**>  <**div class="col-sm-3"**>  <**div class="product-image-wrapper"**>  <**div class="single-products"**>  <**div class="productinfo text-center"**>  <**img src="images/home/gallery3.jpg" alt=""** />  <**h2**>$56</**h2**>  <**p**>Easy Polo Black Edition</**p**>  <**button type="button" class="btn btn-default add-to-cart"**><**i class="fa fa-shopping-cart"**></**i**>Add to cart</**button**>  </**div**>  </**div**>  </**div**>  </**div**>  <**div class="col-sm-3"**>  <**div class="product-image-wrapper"**>  <**div class="single-products"**>  <**div class="productinfo text-center"**>  <**img src="images/home/gallery4.jpg" alt=""** />  <**h2**>$56</**h2**>  <**p**>Easy Polo Black Edition</**p**>  <**button type="button" class="btn btn-default add-to-cart"**><**i class="fa fa-shopping-cart"**></**i**>Add to cart</**button**>  </**div**>  </**div**>  </**div**>  </**div**>  </**div**>   <**div class="tab-pane fade active in" id="reviews"** >  <**div class="col-sm-12"**>  <**ul**>  <**li**><**a href=""**><**i class="fa fa-user"**></**i**>EUGEN</**a**></**li**>  <**li**><**a href=""**><**i class="fa fa-clock-o"**></**i**>12:41 PM</**a**></**li**>  <**li**><**a href=""**><**i class="fa fa-calendar-o"**></**i**>31 DEC 2014</**a**></**li**>  </**ul**>  <**p**>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.</**p**>  <**p**><**b**>Write Your Review</**b**></**p**>   <**form action="#"**>  <**span**>  <**input type="text" placeholder="Your Name"**/>  <**input type="email" placeholder="Email Address"**/>  </**span**>  <**textarea name=""** ></**textarea**>  <**b**>Rating: </**b**> <**img src="images/product-details/rating.png" alt=""** />  <**button type="button" class="btn btn-default pull-right"**>  Submit  </**button**>  </**form**>  </**div**>  </**div**>   </**div**>  </**div**>*<!--/category-tab-->* <**div class="recommended\_items"**>*<!--recommended\_items-->* <**h2 class="title text-center"**>recommended items</**h2**>   <**div id="recommended-item-carousel" class="carousel slide" data-ride="carousel"**>  <**div class="carousel-inner"**>  <**div class="item active"**>  <**div class="col-sm-4"**>  <**div class="product-image-wrapper"**>  <**div class="single-products"**>  <**div class="productinfo text-center"**>  <**img src="images/home/recommend1.jpg" alt=""** />  <**h2**>$56</**h2**>  <**p**>Easy Polo Black Edition</**p**>  <**button type="button" class="btn btn-default add-to-cart"**><**i class="fa fa-shopping-cart"**></**i**>Add to cart</**button**>  </**div**>  </**div**>  </**div**>  </**div**>  <**div class="col-sm-4"**>  <**div class="product-image-wrapper"**>  <**div class="single-products"**>  <**div class="productinfo text-center"**>  <**img src="images/home/recommend2.jpg" alt=""** />  <**h2**>$56</**h2**>  <**p**>Easy Polo Black Edition</**p**>  <**button type="button" class="btn btn-default add-to-cart"**><**i class="fa fa-shopping-cart"**></**i**>Add to cart</**button**>  </**div**>  </**div**>  </**div**>  </**div**>  <**div class="col-sm-4"**>  <**div class="product-image-wrapper"**>  <**div class="single-products"**>  <**div class="productinfo text-center"**>  <**img src="images/home/recommend3.jpg" alt=""** />  <**h2**>$56</**h2**>  <**p**>Easy Polo Black Edition</**p**>  <**button type="button" class="btn btn-default add-to-cart"**><**i class="fa fa-shopping-cart"**></**i**>Add to cart</**button**>  </**div**>  </**div**>  </**div**>  </**div**>  </**div**>  <**div class="item"**>  <**div class="col-sm-4"**>  <**div class="product-image-wrapper"**>  <**div class="single-products"**>  <**div class="productinfo text-center"**>  <**img src="images/home/recommend1.jpg" alt=""** />  <**h2**>$56</**h2**>  <**p**>Easy Polo Black Edition</**p**>  <**button type="button" class="btn btn-default add-to-cart"**><**i class="fa fa-shopping-cart"**></**i**>Add to cart</**button**>  </**div**>  </**div**>  </**div**>  </**div**>  <**div class="col-sm-4"**>  <**div class="product-image-wrapper"**>  <**div class="single-products"**>  <**div class="productinfo text-center"**>  <**img src="images/home/recommend2.jpg" alt=""** />  <**h2**>$56</**h2**>  <**p**>Easy Polo Black Edition</**p**>  <**button type="button" class="btn btn-default add-to-cart"**><**i class="fa fa-shopping-cart"**></**i**>Add to cart</**button**>  </**div**>  </**div**>  </**div**>  </**div**>  <**div class="col-sm-4"**>  <**div class="product-image-wrapper"**>  <**div class="single-products"**>  <**div class="productinfo text-center"**>  <**img src="images/home/recommend3.jpg" alt=""** />  <**h2**>$56</**h2**>  <**p**>Easy Polo Black Edition</**p**>  <**button type="button" class="btn btn-default add-to-cart"**><**i class="fa fa-shopping-cart"**></**i**>Add to cart</**button**>  </**div**>  </**div**>  </**div**>  </**div**>  </**div**>  </**div**>  <**a class="left recommended-item-control" href="#recommended-item-carousel" data-slide="prev"**>  <**i class="fa fa-angle-left"**></**i**>  </**a**>  <**a class="right recommended-item-control" href="#recommended-item-carousel" data-slide="next"**>  <**i class="fa fa-angle-right"**></**i**>  </**a**>  </**div**>  </**div**>*<!--/recommended\_items-->* </**div**>  </**div**>  </**div**>  </**section**>  **@endsection** |

**Getting Product Price Based on Size**

|  |
| --- |
| **FrontController.php** |
| **public function** product($id = **null**){  $productDetails = Product::*with*(**'attributes'**)->where(**'id'**, $id)->first();.. chnages here  $categories = Category::*with*(**'categories'**)->where([**'parent\_id'** => 0])->get();  **return** view (**'frontend.products.detail'**, *compact*(**'productDetails'**, **'categories'**)); } |

|  |
| --- |
| Detail.blade.php |
| <**p**>  <**select name="size" style="width**: 150**px**;**" id="selSize"**>  <**option value=""**>Select Size</**option**>  **@foreach(**$productDetails->**attributes as** $sizes**)** <**option value="**{{$productDetails->**id**}}**-**{{$sizes->**size**}}**"**>{{$sizes->**size**}}</**option**>  **@endforeach** </**select**> </**p**> |

**Also add id in the price**

<**span id="getPrice"**>Rs. {{$productDetails->**price**}}</**span**>

|  |
| --- |
| <**script**>  *$*(***document***).ready(**function** () {  *$*(**"#selSize"**).change(**function** () {  **var** idSize = *$*(**this**).**val**();  **if**(idSize == **""**){  **return false**;  }  *$*.ajax({  **headers**: {  **'X-CSRF-TOKEN'**: *$*(**'meta[name="csrf-token"]'**).attr(**'content'**)  },  **type**:**'post'**,  **url**:**'get-product-price'**,  **data**:{**idSize**:idSize},  success:**function**(resp) {  **var** arr = resp.split(**'-'**);  *$*(**"#getPrice"**).html(**"Rs. "**+ arr[0]);  },error:**function** (resp) {  *alert*(**"Error"**);  }  });  });  }); </**script**> |

|  |
| --- |
| **ProductsCOntroller.php** |
| **public function** getProductPrice(Request $request){  $data = $request->all();  $proArr = *explode*(**"-"**, $data[**'idSize'**]);  $proAttr = ProductsAttribute::*where*([**'product\_id'** => $proArr[0], **'size'** => $proArr[1]])->first();  **echo** $proAttr->**price**; } |

Create a route

Route::*post*(**'product/get-product-price'**, **'ProductsController@getProductPrice'**);

Also add, in head file

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

**Products Details Page - Description ,Care and delivery**

Add a new column to products table .

Add “care” column

**Add\_product.blade.php**

<**div class="form-group m-t-40 row"**>  
 <**label for="care" class="col-2 col-form-label"**>Care</**label**>  
 <**div class="col-10"**>  
 <**textarea name="care" id="care" cols="30" rows="10" class="form-control col-12"**></**textarea**>  
 </**div**>  
</**div**>

**in controller,**

**if**(!**empty**($data[**'care'**])){  
 $product->**care** = $data[**'care'**];  
} **else** {  
 $product->**care** = **""**;  
}

**also do this same in edit product and update also don’t forget to display the value inside edit page**

**Now Displaying in the frontend**

|  |
| --- |
| Detail.blade.php |
| <**div class="category-tab shop-details-tab"**>*<!--category-tab-->* <**div class="col-sm-12"**>  <**ul class="nav nav-tabs"**>  <**li**><**a href="#description" data-toggle="tab"**>Description</**a**></**li**>  <**li**><**a href="#care" data-toggle="tab"**>Care</**a**></**li**>  <**li**><**a href="#delivery" data-toggle="tab"**>Delivery</**a**></**li**>  </**ul**>  </**div**>  <**div class="tab-content"**>  <**div class="tab-pane active in" id="description"** >  <**p**>  {{$productDetails->**description**}}  </**p**>  </**div**>   <**div class="tab-pane fade" id="care"** >  <**p**>  {{$productDetails->**care**}}  </**p**>  </**div**>   <**div class="tab-pane fade" id="delivery"** >  <**p**>100% More Original products</**p**>  <**p**>Cash On Delievery</**p**>  <**p**>30 Days Return Guranatee</**p**>  </**div**>    </**div**> </**div**>*<!--/category-tab-->* |

Preventing Duplicating SKU and Size for Product Attributes

|  |
| --- |
| **public function** addAttributes(Request $request, $id = **null**){  $productDetails = Product::*with*(**'attributes'**)->where([**'id'** => $id])->first();   **if**($request->isMethod(**'post'**)){  $data = $request->all(); *// echo "<pre>"; print\_r($data); die;* **foreach**($data[**'sku'**] **as** $key => $val){  **if**(!**empty**($val)){  *// SKU Check* $attrCountSKU = ProductsAttribute::*where*(**'sku'**, $val)->count();  **if**($attrCountSKU > 0){  **return** redirect()->back()->with(**'flash\_message\_error'**, **'SKU Already Exists'**);  }  *// Size Check* $attrCountSizes = ProductsAttribute::*where*([**'product\_id'** => $id, **'size'** => $data[**'size'**][$key]])->count();  **if**($attrCountSizes > 0){  **return** redirect()->back()->with(**'flash\_message\_error'**, **'Size Already Exists'**);  }  …. Below code same |

**Working on alternate images for the product**

php artisan make:model ProductsImage –m

|  |
| --- |
| $table->increments(**'id'**); $table->integer(**'product\_id'**); $table->string(**'image'**); $table->timestamps(); |

php artisan migrate

Route::*match*([**'get'**, **'post'**], **'/admin/add-images/{id}'**, **'ProductsController@addImages'**)->name(**'alt.image'**);