## **PRACTICAL NO. 4**

## **Sport Store Application Using Angular CLI**

**REQUIREMENTS:**

1.Install Angular cli and bootstrap.

2.Create new angular file.

3.Install awesome font kit.

**PROCEDURE:**

1. Install all the packages mentioned.
2. Then create a new angular file with any name.
3. Then add another component to the angular file.
4. Write the code for the first page and dashboard of the sport store in this component.html file.
5. Then add routing to this component.
6. The add another component and follow the same steps as the previous component.
7. The add all the products of the sport store in this component as a new page and save.
8. Then run the command ng serve. It will create a local host port where our sport store is displayed.

**SOURCE CODE:**

CART.HTML-CHECKOUT

<div class="container bg-light">

<div class="row">

<div class="col">

<h1 class="pl-4 font-weight-bolder">

<a routerLink="/checkout" class="navbar-brand"> SPORTS STORE </a>

</h1>

</div>

</div>

<!-- Form is Ok -->

<div \*ngIf="orderSent" class="m-2 text-center">

<h2>Thanks!</h2>

<p>Thanks for placing your order.</p>

<p>We'll ship your goods as soon as possible.</p>

<button class="btn btn-primary mb-4" routerLink="/store">Return to Store</button>

</div>

<form \*ngIf="!orderSent" #form="ngForm" novalidate (ngSubmit)="submitOrder(form)" class="m-2">

<!-- Name -->

<div class="form-group">

<label>Name:</label>

<input type="text" class="form-control" #name="ngModel" name="name" [(ngModel)]="order.name" autofocus required placeholder="Name..">

<span \*ngIf="submitted && name.invalid" class="text-danger">

[Please enter your Name].

</span>

</div>

<!-- Address -->

<div class="form-group">

<label>Address: </label>

<input type="text" class="form-control" #address="ngModel" name="address" [(ngModel)]="order.address" required placeholder="Address..">

<span \*ngIf="submitted && address.invalid" class="text-danger">

[Please enter your Address].

</span>

</div>

<!-- City -->

<div class="form-group">

<label>City:</label>

<input type="text" class="form-control" #city="ngModel" name="city" [(ngModel)]="order.city" required placeholder="City...">

<span \*ngIf="submitted && city.invalid" class="text-danger">

[Please enter your City].

</span>

</div>

<!-- State -->

<div class="form-group">

<label>State: </label>

<input type="text" class="form-control" #state="ngModel" name="state" [(ngModel)]="order.state" required placeholder="State...">

<span \*ngIf="submitted && state.invalid" class="text-danger">

[Please enter your State].

</span>

</div>

<!-- Zip/Postal Code-->

<div class="form-group">

<label>Zip/Postal Code:</label>

<input type="text" class="form-control" #zip="ngModel" name="zip" [(ngModel)]="order.zip" required placeholder="Zip/Postal Code...">

<span \*ngIf="submitted && zip.invalid" class="text-danger">

[Please enter your Zip/Postal Code].

</span>

</div>

<!-- Country -->

<div class="form-group">

<select class="form-control" #country="ngModel" name="country" [(ngModel)]="order.country" required>

<option value="">Select your country...</option>

<option value="France"> France</option>

<option value="Tunisia">Tunisia</option>

<option value="Turkey">Turkey</option>

</select>

<span \*ngIf="submitted && country.invalid" class="text-danger">

[Please select your country].

</span>

</div>

<!-- Buttons -->

<div class="text-center">

<button type="button" class="btn btn-secondary m-1" routerLink="/cart">Back</button>

<button type="reset" class="btn btn-danger m-1">Rest</button>

<button type="submit" class="btn btn-primary m-1">Complete Order</button>

</div>

</form>

</div>

**CART.HTML-DETAILS:**

<div class="container bg-light">

<div class="row">

<div class="col">

<h1 class="pl-4 font-weight-bolder">

<a href="#" class="navbar-brand"> SPORTS STORE </a>

</h1>

</div>

</div>

<div class="row">

<div class="col mt-2">

<h2 class="text-center text-success">Your Cart</h2>

<table class="table table-bordered table-hover table-hover p-2">

<thead>

<tr>

<th>Quantity</th>

<th>Image</th>

<th>Product</th>

<th class="text-center">Price</th>

<th class="text-right">Subtotal</th>

</tr>

</thead>

<tbody>

<tr \*ngIf="cart.lines.length == 0">

<td colspan="5" class="text-center">

Your cart is empty

</td>

</tr>

<tr \*ngFor="let line of cart.lines">

<td>

<input type="number" min="0" class="form-control" style="width: 5em" [value]="line.quantity" (change)="cart.updateQuantity(line.product, $event.target.value)">

</td>

<td class="text-center"><img class="img-thumbnail" src="assets/store/{{line.product.image}}" width="80" height="60"></td>

<td>{{line.product.name}}</td>

<td class="text-right">{{line.product.price | currency:"USD":"symbol":"2.2-2"}}</td>

<td class="text-right">{{line.getLineTotale() | currency:"USD":"symbol":"2.2-2"}}</td>

<td class="text-center">

<button class="btn btn-sm btn-danger" (click)="cart.removeLine(line.product.id)">Remove</button>

</td>

</tr>

</tbody>

<tfoot>

<tr>

<td colspan="4" class="text-right">Total:</td>

<td class="text-right">{{cart.getCartTotal() | currency:"USD":"symbol":"2.2-2"}}</td>

</tr>

</tfoot>

</table>

</div>

</div>

<div class="row">

<div class="col">

<div class="mb-4 text-center">

<button type="button" class="btn btn-primary mt-1" routerLink="/store">Continue Shopping</button>

<button type="button" class="btn btn-secondary m-1" routerLink="/checkout" [disabled]="cart.lines.length === 0">Checkout</button>

</div>

</div>

</div>

</div>

**STORE.HTML:**

<div class="container">

<div class="row bg-dark">

<div class="col">

<h1 class="pl-4 font-weight-bolder">

<a routerLink="/store" class="navbar-brand"> Welcome to SPORT STORE </a>

</h1>

</div>

<div class="col">

<app-cart-summary></app-cart-summary>

</div>

</div>

<div class="row mt-2">

<div class="col-md-4 p-3 bg-dark">

<button type="button" name="button" class="btn btn-block btn-outline-primary" (click)="changeCategory()"> Home </button>

<button type="button" \*ngFor="let cat of categories" class="btn btn-outline-primary btn-block" [class.active]="cat==selectedCategory" (click)="changeCategory(cat)">

{{ cat }}

</button>

<!-- to go to admin auth page -->

<button type="button" class="btn btn-danger btn-block mt-3" routerLink="/admin">Admin</button>

</div>

<div class="col-md-8">

<div \*ngFor="let product of products" class="mb-2 media bg-light">

<img class="img-thumbnail m-3" src="/assets/store/{{product.image}}" width="130" height="130">

<div class="media-body m-3">

<h3> {{ product.name}}

<span class="badge badge-pill badge-warning float-right m-1">

{{ product.price | currency:"USD":"symbol":"2.2-2" }}

</span>

</h3>

<h5 class="p-1"> {{ product.description }} </h5>

<button class="btn btn-info btn-sum float-right" (click)="addProductToChart(product)"> Add To Cart</button>

</div>

</div>

<div class="form-inline float-left">

<select class="form-control" name="" [value]="productsPerPage" (change)="changePageSize($event.target.value)">

<option value="3"> 3 per Page </option>

<option value="4"> 4 Per Page </option>

<option value="6"> 6 per page </option>

<option value="8"> 8 per page </option>

</select>

</div>

<div class="btn-group float-right">

<!-- [class.active] to hold the class effect on -->

<button \*ngFor="let page of pageNumbers" (click)="changePage(page)" class="btn btn-outline-primary" [class.active]="page==selectedPage">

{{ page }}

</button>

</div>

</div>

</div>

</div>

Then we and add the routing of the components in routing.ts file

import { NgModule } from '@angular/core';

import { Routes, RouterModule } from '@angular/router';

import { StoreComponent } from './store/store.component';

import { CartDetailsComponent } from './store/cart-details/cart-details.component';

import { CartCheckoutComponent } from './store/cart-checkout/cart-checkout.component';

const routes: Routes = [

{path: 'store', component: StoreComponent },

{path: 'cart' , component: CartDetailsComponent},

{path: 'checkout', component: CartCheckoutComponent},

{path: 'admin', loadChildren: "./auth/auth.module#AuthModule"}, // use a dynamically loaded module

{path: '\*\*', redirectTo: '/store'}

];

@NgModule({

imports: [RouterModule.forRoot(routes)],

exports: [RouterModule],

})

export class AppRoutingModule {

}

Then modify app.module file

import { BrowserModule } from '@angular/platform-browser';

import { NgModule } from '@angular/core';

import { AppRoutingModule } from './app-routing.module';

import { AppComponent } from './app.component';

import { StoreModule} from "./store/store.module";

import { AuthModule } from './auth/auth.module';

@NgModule({

declarations: [

AppComponent

],

imports: [

AppRoutingModule,

BrowserModule,

AppRoutingModule,

StoreModule,

AuthModule

],

providers: [],

bootstrap: [AppComponent]

})

export class AppModule { }

**Output:**





