Visoka škola za informacione i komunikacione tehnolgije

Online prodavnica patika

https://sneakersshopphp.000webhostapp.com/index.php

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Broj indeksa: 28/21

Predmet: Praktikum php

Sadržaj

Uvod

Korišćene tehnologije:

- HTML
- CSS
- JavaScript

- PHP
- Jquery
- Ajax
- SQL
- Bootstrap
- PhpMyAdmin

Template

Za izradu sajta korišćen je template https://themewagon.com/themes/free-reponsive-bootstrap-4-html5-ecommerce-website-template-karma/

Za izradu admin panela korišćen je tamplate https://themewagon.com/themes/free-bootstrap-4-html-5-admin-dashboard-website-template-skydash/

Mapa sajta:

```xml
<?xml version="1.0" encoding="UTF-8"?>
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
<url>
<loc>https://sneakersshopphp.000webhostapp.com/index.php</loc>
<lastmod>2023.06.06</lastmod>
<changefreq>daily</changefreq>
<priority>0.9</priority>
</url>
<url>
<loc>https://sneakersshopphp.000webhostapp.com/index.php?page=shop</loc>
<lastmod>2023.06.06</lastmod>
<changefreq>daily</changefreq>
<priority>0.95</priority>
</url>
<url>
<loc>https://sneakersshopphp.000webhostapp.com/views/adminPanel/admin.php</loc>
<lastmod>2023.06.06</lastmod>
<changefreq>daily</changefreq>
<priority>0.95</priority>
</url>
<url>
<loc>https://sneakersshopphp.000webhostapp.com/index.php?page=single-product</loc>
<lastmod>2023.06.06</lastmod>
<changefreq>0.8</changefreq>
<priority>weekly</priority>
```

```xml
</url>
<url>
<loc>https://sneakersshopphp.000webhostapp.com/index.php?page=cart</loc>
<lastmod>2023.06.06</lastmod>
<changefreq>0.6</changefreq>
<priority>montly</priority>
</url>
<url>
<loc>https://sneakersshopphp.000webhostapp.com/index.php?page=edit-
user</loc>
<lastmod>2023.06.06</lastmod>
<changefreq>0.58</changefreq>
<priority>montly</priority>
</url>
<url>
<loc>https://sneakersshopphp.000webhostapp.com/index.php?page=register</loc>
<lastmod>2023.06.06</lastmod>
<changefreq>0.5</changefreq>
<priority>yearly</priority>
</url>
<url>
<loc>https://sneakersshopphp.000webhostapp.com/index.php?page=login</loc>
<lastmod>2023.06.06</lastmod>
<changefreq>0.5</changefreq>
<priority>yearly</priority>
</url>
<url>
<loc>https://sneakersshopphp.000webhostapp.com/index.php?page=author</loc>
<lastmod>2023.06.06</lastmod>
<changefreq>0.49</changefreq>
<priority>yearly</priority>
</url>
</urlset>
```
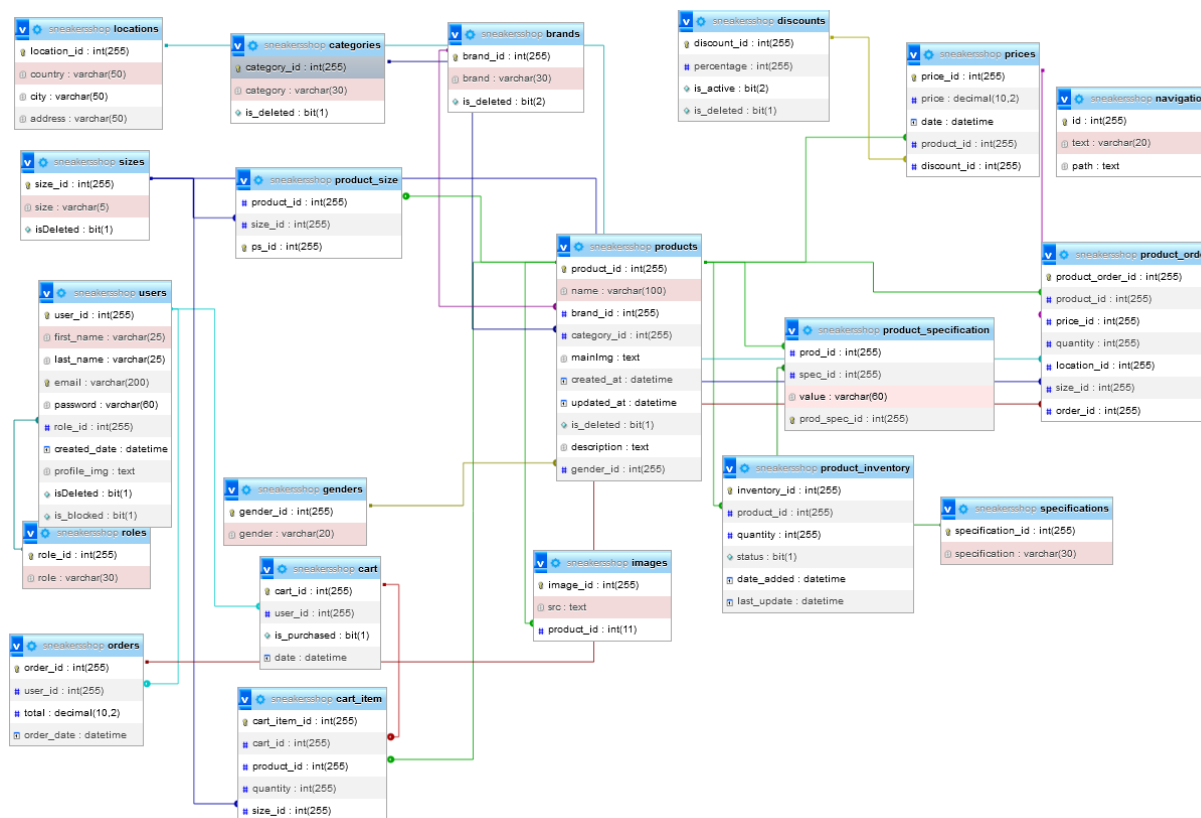
Struktura fajlova:


```
∨ SNEAKERSSHOP
  > assets
  ∨ config
      ⚙ .env
      🐘 config.php
      🐘 connection.php
  ∨ data
      ☰ log.txt
      ☰ loggedInUsers.txt
      ☰ wrong-credentials-log.txt
  > Karma Shop-doc
  ∨ models
      > products
      > RegistrationLogic
      🐘 delete.php
      🐘 filter-sort-products.php
      🐘 functions.php
      🐘 getAllItems.php
      🐘 insert.php
      🐘 logFileFunctions.php
      🐘 login.php
      🐘 registerUser.php
      🐘 removeFromCart.php
      🐘 update_user.php
      🐘 update.php
```

```
∨ views
  > adminPanel
  ∨ fixed
      🐘 footer.php
      🐘 head.php
      🐘 nav.php
  ∨ pages
      🐘 cart.php
      🐘 checkout.php
      🐘 confirmation.php
      🐘 contact.php
      🐘 editUser.php
      🐘 elements.php
      🐘 home.php
      🐘 login.php
      🐘 register.php
      🐘 shop.php
      🐘 single-product.php
  🐘 contact_process.php
  🐘 index.php
  ⚙ prepros-6.config
  🔊 sitemap.xml
```

Slika baze :

sneakersshop locations
- location_id : int(255)
- country : varchar(50)
- city : varchar(50)
- address : varchar(50)

sneakersshop categories
- category_id : int(255)
- category : varchar(30)
- is_deleted : bit(1)

sneakersshop brands
- brand_id : int(255)
- brand : varchar(30)
- is_deleted : bit(2)

sneakersshop discounts
- discount_id : int(255)
- percentage : int(255)
- is_active : bit(2)
- is_deleted : bit(1)

sneakersshop prices
- price_id : int(255)
- price : decimal(10,2)
- date : datetime
- product_id : int(255)
- discount_id : int(255)

sneakersshop navigation
- id : int(255)
- text : varchar(20)
- path : text

sneakersshop sizes
- size_id : int(255)
- size : varchar(5)
- isDeleted : bit(1)

sneakersshop product_size
- product_id : int(255)
- size_id : int(255)
- ps_id : int(255)

sneakersshop products
- product_id : int(255)
- name : varchar(100)
- brand_id : int(255)
- category_id : int(255)
- mainImg : text
- created_at : datetime
- updated_at : datetime
- is_deleted : bit(1)
- description : text
- gender_id : int(255)

sneakersshop product_specification
- prod_id : int(255)
- spec_id : int(255)
- value : varchar(60)
- prod_spec_id : int(255)

sneakersshop product_order
- product_order_id : int(255)
- product_id : int(255)
- price_id : int(255)
- quantity : int(255)
- location_id : int(255)
- size_id : int(255)
- order_id : int(255)

sneakersshop users
- user_id : int(255)
- first_name : varchar(25)
- last_name : varchar(25)
- email : varchar(200)
- password : varchar(60)
- role_id : int(255)
- created_date : datetime
- profile_img : text
- isDeleted : bit(1)
- is_blocked : bit(1)

sneakersshop roles
- role_id : int(255)
- role : varchar(30)

sneakersshop genders
- gender_id : int(255)
- gender : varchar(20)

sneakersshop product_inventory
- inventory_id : int(255)
- product_id : int(255)
- quantity : int(255)
- status : bit(1)
- date_added : datetime
- last_update : datetime

sneakersshop specifications
- specification_id : int(255)
- specification : varchar(30)

sneakersshop cart
- cart_id : int(255)
- user_id : int(255)
- is_purchased : bit(1)
- date : datetime

sneakersshop images
- image_id : int(255)
- src : text
- product_id : int(11)

sneakersshop orders
- order_id : int(255)
- user_id : int(255)
- total : decimal(10,2)
- order_date : datetime

sneakersshop cart_item
- cart_item_id : int(255)
- cart_id : int(255)
- product_id : int(255)
- quantity : int(255)
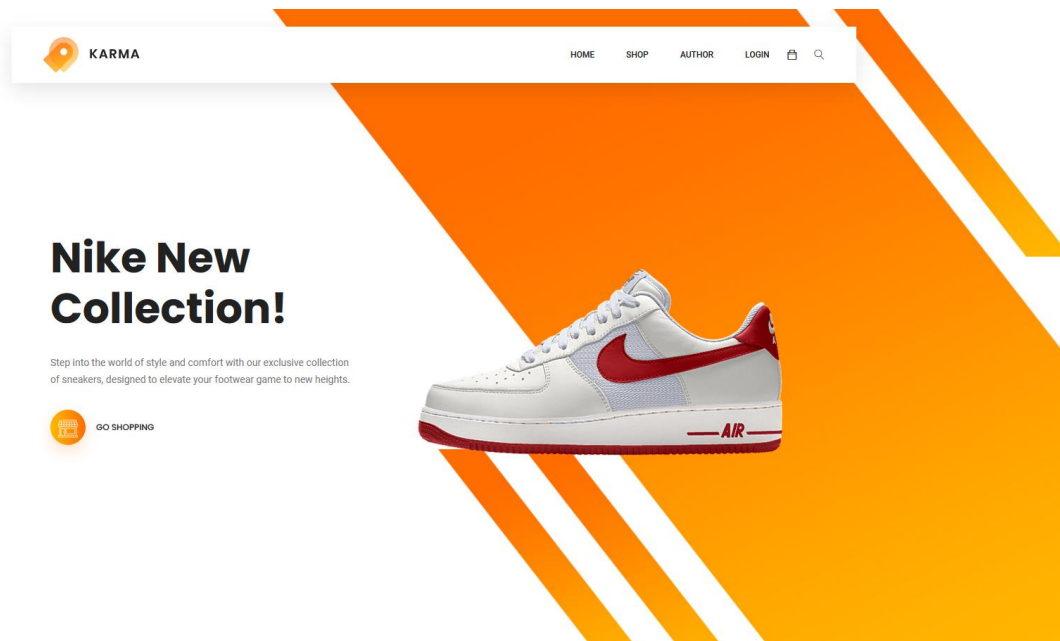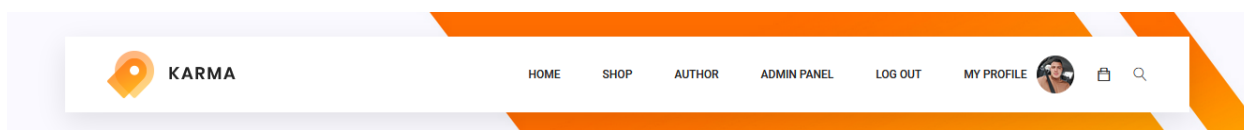- size_id : int(255)

Opis funkcionalnosti:

Zajednicko za sve stranice:

- Dinamičko učitavanje navigacije, headera I footera.

index.php

- Učitavanje slidera sa patikama iz kolekcije Nike I Adidas
- Dinamičko učitavanje navigacije, headera I footera.

- Ukoliko je korisnik ulogovan prikazuje se njegova slika I mogućnost menjanje profila, takodje ukoliko je admin imaće link za adminpanel
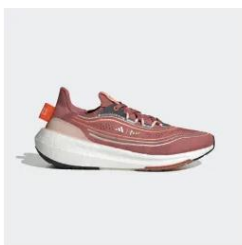
Latest Products

Explore our newest arrivals and find the trendiest sneakers of the season. From sleek and minimalistic designs to bold and vibrant styles, our latest collection offers something for every sneaker enthusiast.

UNISEX PROJECT ROCK 5 305 TRAINING SHOES

$127.5 $150.00

ULTRABOOST LIGHT RUNNING SHOES

$144 $160.00

UNISEX CURRY UA HOVR SPLASH 2 BASKETBALL SHOES

$99 $110.00

GRAND COURT CLOUDFOAM LIFESTYLE COURT COMFORT SHOES

$70

Top Discounts

Don't miss out on our top discount offers on exclusive sneakers. We're offering unbeatable prices on some of the most coveted styles from renowned brands.
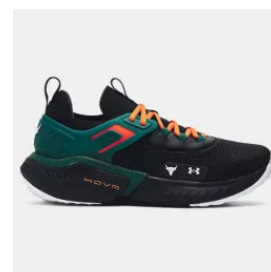
KD15 WHAT THE

$64.5 $129.00

NIKE AIR HUARACHE

$65 $100.00

NIKE KILLSHOT 2 LEATHER

$91 $140.00

UNISEX PROJECT ROCK 5 305 TRAINING SHOES

$127.5 $150.00

- Učitavanje najnovijih proizvoda
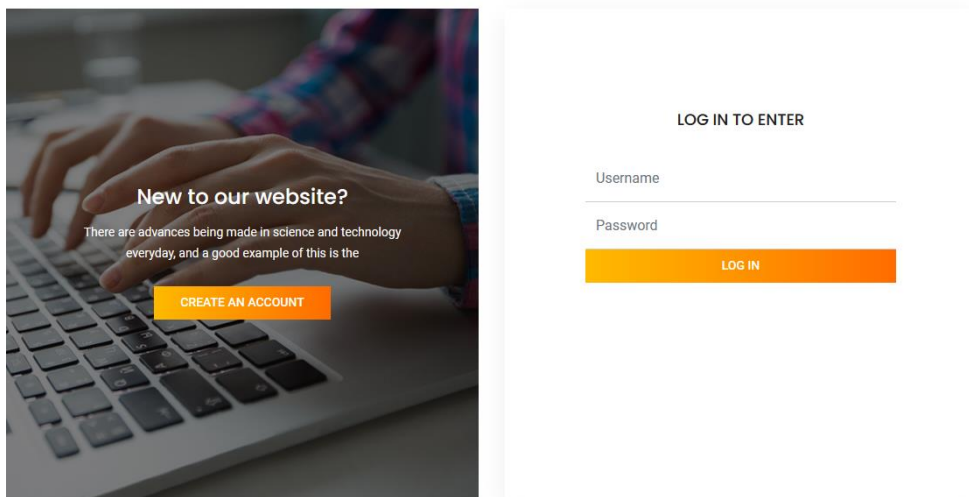- Učitavanje proizvoda sa najvećim popustom

PREV

NEXT

$64.5 $129.00

KD15 WHAT THE

GO SHOPPING

- Još jedan slajder sa 2 najveća popusta
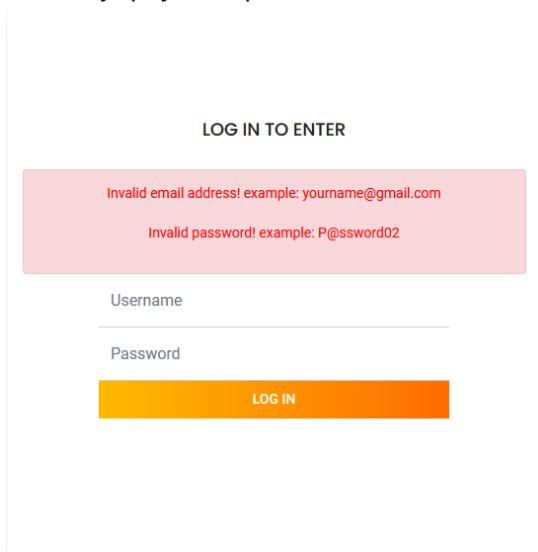
Login.php

- Stranica na kojoj se obavlja operacija logovanje, uradjena verifikacija podataka I na klijentu I na server, ispis gresaka ukoliko ih ima.
- Ukoliko se unese pogresna sifra prikazuje preostali broj pokušaja I ukoliko se pogresi 3 puta u roku od 5 minuta nalog se zaključava.
- Ukoliko je prijava uspesna korisnik se redirektuje na index.php.

- Pogresan format podataka

Login credentials are incorrect. You have 2 more tries.

bora@gmail.com

•••••••••

LOG IN

- Pogreska sifra I broj pokušaja

LOG IN TO ENTER

Login credentials are incorrect. You have 1 more tries.

bora@gmail.com

•••••••••

LOG IN

LOG IN TO ENTER

Login credentials are incorrect. Your account is blocked.

bora@gmail.com

•••••••••

LOG IN

- Blokiranje naloga, nakon koga samo administrator moze da ga odblokira.

Register.php

CREATE ACCOUNT

First name

Last name

Email

Password

Confirm password

REGISTER

- Forma za registrovanje korisnika, uradjena validacija podataka na klijentu I serveru, ispis gresaka ukoliko ih ima, isto tako ukoliko je registracija uspesna ispisuje poruku.

Shop.php

- Dinamičko učitavanje proizvoda
- Filtriranje sortiranje I pretraga koja je dinamički realizovana
- Odabir broj proizvoda koji će se prikazivati na sajtu
- Paginacija, tasteri se blokiraju ukoliko nema vise proizvoda

Single-shop.php

Nike Invincible 3
$ 108.00

| Category | : Running Shoes |
| Availibility | : In Stock |

With maximum cushioning to support every mile, the Invincible 3 gives you our highest level of comfort underfoot to help you stay on your feet today, tomorrow and beyond. Designed to help keep you on the run, it's super supportive and bouncy, so that you can propel down your preferred path and come back for your next run feeling ready and reinvigorated.

44 40 40 39

Quantity: 47   1

Please log in for shopping

- Dinamički ispisivanje izabranog proizvoda kao I sve njegove informacije
- Dodavanje u korpu
- Korisnik mora biti ulogovan da bi izvrsio kupovinu
- Korisniku se prikazuje količina proizvoda u magacinu

Specification	
Colour	White
Regular fit	Fit

- Ispisivanje specifikacija proizvoda

cart.php

Product	Price	Size	Quantity	Total	
Nike Invincible 3	$108.00	44	1	$108.00	×
			Subtotal	$108.00	

- Ispisivanje proizvoda iz korpe, postoji mogućnost uvećavanja količine poučenih proizvoda, kao I uklanjanje iz korpe
- Prikazuje se ukupna cena računa.

Shipping address

Country*
Serbia

City*
Belgrade

Address
Zdravka Čelara 11b

Add location

CONTINUE SHOPPING   PROCEED TO CHECKOUT

- Ispod liste proizvoda iz korpe nalazi se forma za popunjavanje adrese gde će se izvršiti dostava
- Validacija podataka uradjena na klijentu I server
- Posle klika na proceed to checkout korpa se prazni I ispisuje poruka da je korpa prazna

Empty Cart!

Edit-user.php

First Name

Miki

Last Name

Jandric

Email address

admin@gmail.com
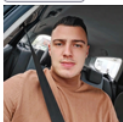
We'll never share your email with anyone else.

Upload **Profile** image

Browse... No file selected.

Password

●●●●●●●●●●●

Edit

- Stranica na kojoj imate mogućnost menjanja svojih korisničkih podataka neki podaci nisu obavetni da se unesu kao sto je na primer sifra, u tom slucaju sifra ce ostati ne promenjena, takodje je slučaj i sa slikom.

Admin.php

- Admin nalozi imaju mogućnost pristupa stranici adminpanel na kojoj se na početku nalazi statistika koja nam prikazuje statistuku posećenosti našim stranicama, kao I broj korisnika koji se logovao u poslenjih 24 casa.
- Svi podaci su isčitani iz txt fajla
- U admin panelu imamo mogućnost manimulisanja svim tabelama tako da je za svaku tabelu omogučeno da admin uradi sve crud operacije na njoj.

- Napravljena je funkcija koja dinamički ispisuje tabelu u odnosu na podatke koje joj prosledimo, tako da je svaka tabela dinamički ispisana
- Takdje je napravljena funkcija koja može da realizuje insert operaciju n abilo kojoj s abilo kojim brojem parametara
- Takodje postoji I update I delete funkcija koja realizuje dinamički operacije

- Izlistavanje proizvoda

Bordered Table

Add products

#	Image	Poduct Name	Brand	Category	Price	Discount	Edit	Delete
1		Nike Invincible 3	Nike	Running Shoes	120.00	10	Edit	Delete
2		Nike Air Huarache	Nike	Running Shoes	100.00	35	Edit	Delete
3		Nike Pegasus 39 A.I.R. Hola Lou	Nike	Running Shoes	169.00	0	Edit	Delete

- Dodavanje proizvoda

Product name

Example (Nike Invincible 3)

Category

Choose category

Brand

Choose brand

Upload product **MAIN** image
Browse... No file selected.

Upload more product images
Browse... No files selected.

Add price

$69.99

Gender

Male ○ Female ○ Unisex ○

Quantity

Quantity

- Edit proizvoda

Nike

Upload product **MAIN** image

Browse... No file selected.

Add description

With maximum cushioning to support every mile, the Invincible 3 gives you our highest level of comfort underfoot to help you stay on your feet today, tomorrow and beyond. Designed to help keep you on the run, it's super supportive and boun

Gender

Male ○ Female ● Unisex ○

Edit

Upload more product images

Browse... No files selected.

Upload

Remove

Add users

#	First Name	Last Name	Email	Role	Is Blocked	Edit	Delete
1	Miki	Jandric	admin@gmail.com	administrator	Legit	Edit	Delete
2	Mile	Jandric	miroslav@gmail.com	user	Legit	Edit	Delete
3	Miroslav	Testtdsdsf	test02@gmail.com	user	Legit	Edit	Delete
4	Miroslav	Jandric	miki@gmail.com	user	Legit	Edit	Delete
5	Pera	Peric	user@gmail.com	user	Legit	Edit	Delete
6	Miroslav	Jandric	administrator@gmail.com	administrator	Legit	Edit	Delete
7	Bora	Majstorovic	bora@gmail.com	user	Blocked	Edit	Delete

- U tabeli koja prikazuje usere postoji red koji prikazuje da li je korisnik blokiran ili nije

First Name

Bora

Last Name

Majstorovic

Email

bora@gmail.com

Password

••••••••

Role

user

Blocked

Blocked

Edit

- Administrator može da odblokira usera odabirom odgovarajuće opcije iz ddl liste.

Kodovi

Index.php

```php
<?php
session_start();
$user = isset($_SESSION['user']) ? $_SESSION['user'] : null;

include 'models/functions.php';
include 'config/connection.php';
include 'models/logFileFunctions.php';
insertIntoLogFile();
ob_start();
?>
<!DOCTYPE html>
<html lang="zxx" class="no-js">
  <?php include 'views/fixed/head.php'?>

  <body>
    <!-- Start Header Area -->
    <?php include 'views/fixed/nav.php' ?>
    <!-- End Header Area -->

   <?php
   $page = isset($_GET['page']) ? $_GET['page'] : 'home';
   switch ($page) {

     case 'login':
       include 'views/pages/login.php';
       break;
     case 'shop':
       include 'views/pages/shop.php';
       break;
     case 'cart':
       include 'views/pages/cart.php';
       break;
     case 'checkout.php':
       include 'views/pages/checkout.php';
       break;
     case 'confirmation':
       include 'views/pages/confirmation.php';
       break;
     case 'contact':
       include 'views/pages/contact.php';
       break;
     case 'elements':
```

```php
        include 'views/pages/elements.php';
        break;
      case 'single-product':
        include 'views/pages/single-product.php';
        break;
      case 'edit-user':
        include 'views/pages/editUser.php';
        break;
      case 'register':
        include 'views/pages/register.php';
        break;

      default: include 'views/pages/home.php';
    }
  ?>


    <!-- start footer Area -->
  <?php include 'views/fixed/footer.php'?>
  </body>
</html>
```

Views/fixed/nav.php

```php
<?php $navs = getNavLinks();?>
<header class="header_area sticky-header">
      <div class="main_menu">
        <nav class="navbar navbar-expand-lg navbar-light main_box">
          <div class="container">
            <!-- Brand and toggle get grouped for better mobile display --
>
            <a class="navbar-brand logo_h" href="index.php"
              ><img src="assets/img/logo.png" alt=""
            /></a>
            <button
              class="navbar-toggler"
              type="button"
              data-toggle="collapse"
              data-target="#navbarSupportedContent"
              aria-controls="navbarSupportedContent"
              aria-expanded="false"
              aria-label="Toggle navigation"
            >
```

```html
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
        </button>
        <!-- Collect the nav links, forms, and other content for
toggling -->
        <div
          class="collapse navbar-collapse offset"
          id="navbarSupportedContent"
        >
          <ul class="nav navbar-nav menu_nav ml-auto">
            <?php foreach($navs as $nav):?>
            <li class="nav-item">
              <a class="nav-link"
href="index.php?page=<?=$nav['path']?>"><?=$nav['text']?></a>
            </li>
            <?php endforeach;?>

            <?php if(!isset($user)):?>
            <li class="nav-item">
                <a class="nav-link"
href="index.php?page=login">Login</a>
            </li>
            <?php else:?>
                <?php if($user['role_id']==2):?>
                <li class="nav-item">
                  <a href="views/adminPanel/admin.php" class="nav-
link">Admin Panel</a>
                </li>
              <?php endif;?>
                <li class="nav-item">
                    <a class="nav-link"
href="models/RegistrationLogic/logout.php">Log out</a>
                </li>
                <li class="nav-item nav-tag">
                  <a class="nav-link user_tag" data-id="<?=
$user['user_id']?>" href="index.php?page=edit-user">My profile</a>
                    <div class="profileImg">
                      <?php if(isset($user['profile_img'])):?>
                        <img class="image"
src="assets/userImages/<?=$user['profile_img']?>" alt="">

                        <?php else:?>
```
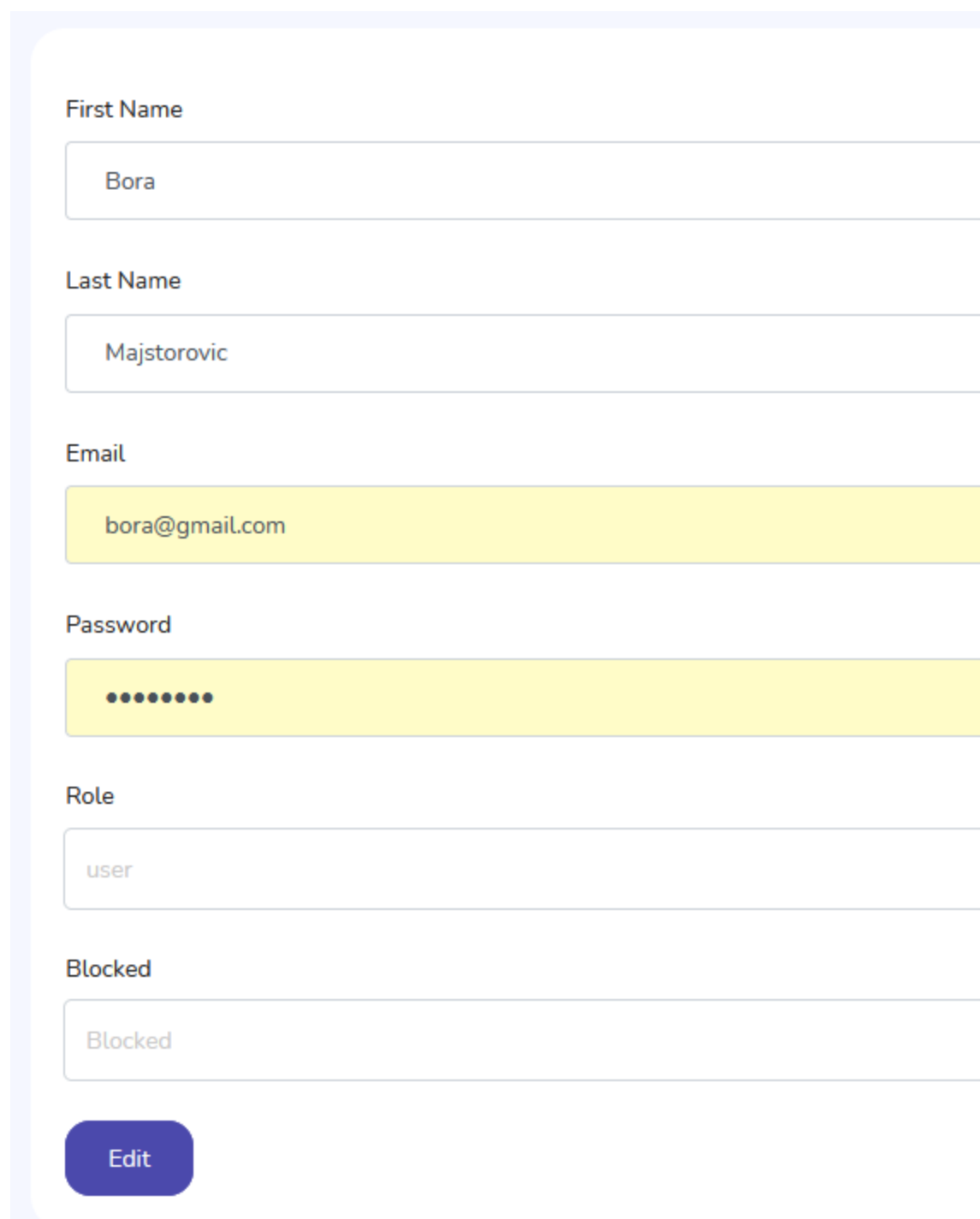
```php
                        <img class="image" src="assets/userImages/man.png"
alt="">
                    <?php endif; ?>
                </div>
                <!-- <span class="nav-tag user_tag" data-id="<?=
$user['user_id']?>">My profile</span> -->
            </li>


        <?php endif;?>
        </ul>
        <ul class="nav navbar-nav navbar-right">
            <li class="nav-item">
                <a href="index.php?page=cart" class="cart"><span
class="ti-bag"></span></a>
            </li>
            <li class="nav-item">
                <button class="search">
                    <span class="lnr lnr-magnifier" id="search"></span>
                </button>
            </li>
        </ul>
        </div>
        </div>
    </nav>
    </div>
    <div class="search_input" id="search_input_box">
        <div class="container">
            <form class="d-flex justify-content-between">
                <input
                    type="text"
                    class="form-control"
                    id="search_input"
                    placeholder="Search Here"
                />
                <button type="submit" class="btn"></button>
                <span
                    class="lnr lnr-cross"
                    id="close_search"
                    title="Close Search"
                ></span>
            </form>
        </div>
```

```
            </div>
        </header>
```

Views/fixed/head.php

```html
<head>
    <!-- Mobile Specific Meta -->
    <meta
      name="viewport"
      content="width=device-width, initial-scale=1, shrink-to-fit=no"
    />
    <!-- Favicon-->
    <link rel="shortcut icon" href="assets/img/fav.png" />
    <!-- Author Meta -->
    <meta name="author" content="CodePixar" />
    <!-- Meta Description -->
    <meta name="description" content="" />
    <!-- Meta Keyword -->
    <meta name="keywords" content="" />
    <!-- meta character set -->
    <meta charset="UTF-8" />
    <!-- Site Title -->
    <title>Karma Shop</title>
    <!--
    CSS
    ============================================= -->
    <link rel="stylesheet" href="assets/css/linearicons.css" />
    <link rel="stylesheet" href="assets/css/font-awesome.min.css" />
    <link rel="stylesheet" href="assets/css/themify-icons.css" />
    <link rel="stylesheet" href="assets/css/bootstrap.css" />
    <link rel="stylesheet" href="assets/css/owl.carousel.css" />
    <link rel="stylesheet" href="assets/css/nice-select.css" />
    <link rel="stylesheet" href="assets/css/nouislider.min.css" />
    <link rel="stylesheet" href="assets/css/ion.rangeSlider.css" />
    <link rel="stylesheet" href="assets/css/ion.rangeSlider.skinFlat.css"
/>
    <link rel="stylesheet" href="assets/css/magnific-popup.css" />
    <link rel="stylesheet" href="assets/css/main.css" />
    <link rel="stylesheet" href="assets/css/customCss/custom.css" />
  </head>
```

Views/fixed/footer.php

```php
<footer class="footer-area section_gap">
      <div class="container">
        <div class="row">
          <div class="col-lg-3 col-md-6 col-sm-6">
            <div class="single-footer-widget">
              <h6>About Us</h6>
              <p>
                As sneaker enthusiasts ourselves, we understand the thrill
of finding that perfect pair. That's why at Karma, we've made it our
mission to bring you a handpicked collection of stylish, high-quality
sneakers that reflect the latest trends, ensuring that you can express
your unique style with confidence.
              </p>
            </div>
          </div>
          <div class="col-lg-4 col-md-6 col-sm-6">
            <div class="single-footer-widget">
              <h6>Links</h6>
              <p>All documentation</p>
              <div class="" id="mc_embed_signup">
                <ul>
                    <li>Documentation</li>
                    <li><a href="index.php?page=author">Author</a></li>
                    <li><a href="sitemap.xml"
target='_blank'>Sitemap</a></li>
                    <li><a href="robots.txt"
target='_blank'>Robots</a></li>
                </ul>
              </div>
            </div>
          </div>
          <div class="col-lg-3 col-md-6 col-sm-6">
            <div class="single-footer-widget mail-chimp">
              <h6 class="mb-20">Instragram Feed</h6>
              <ul class="instafeed d-flex flex-wrap">
                <li><img src="assets/img/i1.jpg" alt="" /></li>
                <li><img src="assets/img/i2.jpg" alt="" /></li>
                <li><img src="assets/img/i3.jpg" alt="" /></li>
                <li><img src="assets/img/i4.jpg" alt="" /></li>
                <li><img src="assets/img/i5.jpg" alt="" /></li>
                <li><img src="assets/img/i6.jpg" alt="" /></li>
                <li><img src="assets/img/i7.jpg" alt="" /></li>
```

```
            <li><img src="assets/img/i8.jpg" alt="" /></li>
          </ul>
        </div>
      </div>
      <div class="col-lg-2 col-md-6 col-sm-6">
        <div class="single-footer-widget">
          <h6>Follow Us</h6>
          <p>Let us be social</p>
          <div class="footer-social d-flex align-items-center">
            <a href="#"><i class="fa fa-facebook"></i></a>
            <a href="#"><i class="fa fa-twitter"></i></a>
            <a href="#"><i class="fa fa-dribbble"></i></a>
            <a href="#"><i class="fa fa-behance"></i></a>
          </div>
        </div>
      </div>
      <div
        class="footer-bottom d-flex justify-content-center align-items-
center flex-wrap"
      >
        <p class="footer-text m-0">
          <!-- Link back to Colorlib can't be removed. Template is
licensed under CC BY 3.0. -->
          Copyright &copy;
          <script>
            document.write(new Date().getFullYear());
          </script>
          All rights reserved | This template is made with
          <i class="fa fa-heart-o" aria-hidden="true"></i> by
          <a href="https://colorlib.com" target="_blank">Colorlib</a>
          <!-- Link back to Colorlib can't be removed. Template is
licensed under CC BY 3.0. -->
        </p>
      </div>
    </div>
  </footer>
  <!-- End footer Area -->

  <script src="assets/js/vendor/jquery-2.2.4.min.js"></script>
  <script
    src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.11.0/umd/pop
per.min.js"
```

```
      integrity="sha384-
b/U6ypiBEHpOf/4+1nzFpr53nxSS+GLCkfwBdFNTxtclqqenISfwAzpKaMNFNmj4"
      crossorigin="anonymous"
    ></script>
    <script src="assets/js/vendor/bootstrap.min.js"></script>
    <script src="assets/js/jquery.ajaxchimp.min.js"></script>
    <script src="assets/js/jquery.nice-select.min.js"></script>
    <script src="assets/js/jquery.sticky.js"></script>
    <script src="assets/js/nouislider.min.js"></script>
    <script src="assets/js/countdown.js"></script>
    <script src="assets/js/jquery.magnific-popup.min.js"></script>
    <script src="assets/js/owl.carousel.min.js"></script>
    <!--gmaps Js-->
    <script
src="https://maps.googleapis.com/maps/api/js?key=AIzaSyCjCGmQ0Uq4exrzdcL6r
vxywDDOvfAu6eE"></script>
    <script src="assets/js/gmaps.min.js"></script>
    <script src="assets/js/main.js"></script>
    <script src="assets/js/customJS/custom.js"></script>
```

Views/pages/cart.php

```
<div class="none popup"></div>

 <!-- Start Banner Area -->
 <section class="banner-area organic-breadcrumb">
       <div class="container">
           <div class="breadcrumb-banner d-flex flex-wrap align-items-
center justify-content-end">
               <div class="col-first">
                   <h1>Shopping Cart</h1>
                   <nav class="d-flex align-items-center">
                       <a href="index.html">Home<span class="lnr lnr-
arrow-right"></span></a>
                       <a href="category.html">Cart</a>
                   </nav>
               </div>
           </div>
       </div>
    </section>
    <!-- End Banner Area -->

    <!--=================Cart Area ==================-->
```

```html
    <section class="cart_area">
        <div class="container cart-ct">
            <div class="cart_inner">
                <div class="table-responsive">
                    <table class="table">
                        <thead>
                            <tr>
                                <th scope="col">Product</th>
                                <th scope="col">Price</th>
                                <th scope="col">Size</th>
                                <th scope="col">Quantity</th>
                                <th scope="col">Total</th>
                            </tr>
                        </thead>
                        <tbody class="cart_list">




                        </tbody>
                    </table>
                </div>
            </div>
            <div class="col-12">
                <div class="blk_error"></div>
                <h3>Shipping address</h3>
                <form action="logic/addlocation.php" id="editForma"
method="post" onsubmit="return addLocation()">
                        <div class="form-group my-3">
                            <label
for="exampleInputEmail1">Country*</label>
                            <input type="text" class="form-control"
id="country" name="country" placeholder="Serbia">
                            <input type="hidden" name="locId" value="">
                        </div>
                        <div class="form-group my-3">
                            <label for="ULName">City*</label>
                            <input type="text" class="form-control"
id="city" name="city" placeholder="Belgrade">
                        </div>
                        <div class="form-group my-3">
                            <label for="UEmail">Address</label>
```

```
                                        <input type="text" class="form-control"
id="address" name="address" placeholder="Zdravka Čelara 11b">
                            </div>

                                <button type="submit" name="addLocationCart"
class="btn btn-outline-light my-3 editUser">Add location</button>
                    </form>
                    <div class="checkout_btn_inner d-flex align-items-
center">
                            <a class="btn gray_btn"
href="index.php?page=shop">Continue Shopping</a>
                            <a class="btn shopBtn ml-3" href="#">Proceed to
checkout</a>
                    </div>
            </div>
        </div>
    </section>
    <!--===============End Cart Area =================-->
```

Views/pages/author.php

```
    <!-- Start Banner Area -->
    <section class="banner-area organic-breadcrumb">
        <div class="container">
            <div class="breadcrumb-banner d-flex flex-wrap align-items-
center justify-content-end">
                <div class="col-first">
                    <h1>Contact Us</h1>
                    <nav class="d-flex align-items-center">
                        <a href="index.html">Home<span class="lnr lnr-
arrow-right"></span></a>
                        <a href="category.html">Contact</a>
                    </nav>
                </div>
            </div>
        </div>
    </section>
    <!-- End Banner Area -->

    <!--===============Contact Area =================-->
    <section class="contact_area section_gap_bottom">
        <div class="container">
```

```
                <div class="row mt-4 autor-red">
                    <div class="col-lg-6 slika-blok">
                        <img
src="assets/userImages/1685844551_1678554337_miroslav.jpg" class='slika'
alt="miroslav">
                    </div>
                    <div class="col-lg-6 content-auror">
                        <h1>Sajt radio: Miroslav Jandric</h1>
                        <h3>Broj indeksa: 28/21</h3>
                    </div>
                </div>
        </section>
        <!--===============Contact Area ================-->
```

Views/pages/editUser.php

```
<section class="banner-area organic-breadcrumb">
        <div class="container">
            <div class="breadcrumb-banner d-flex flex-wrap align-items-
center justify-content-end">
                <div class="col-first">
                    <h1>Edit Profile</h1>
                    <nav class="d-flex align-items-center">
                        <a href="index.html">Home<span class="lnr lnr-
arrow-right"></span></a>
                        <a href="category.html">Edit Profile</a>
                    </nav>
                </div>
            </div>
        </div>
    </section>
    <!-- End Banner Area -->

    <!--===============Login Box Area ================-->
    <section class="login_box_area section_gap">
        <div class="container">
            <div class="row d-flex justify-content-center">
                <div class="col-lg-10">
                <div class="errors">
                            <ul>
```

```php
                                        <?php
if(isset($_SESSION['user']['errors'])):?>
                                            <?php
foreach($_SESSION['user']['errors'] as $error):?>
                                                <li class="text-danger alert
alert-danger"><?php echo $error;?></li>
                                            <?php endforeach;?>
                                        <?php endif;?>
                                    </ul>
                                </div>
                                <div class="success">
                                    <?php echo isset($_GET['success'])
?   "<strong class='text-success'>".$_GET['success']."</strong>" : ''?>
                                </div>
                        <form action="models/update_user.php" method="post"
enctype="multipart/form-data" onSubmit="return validateUserChanges()">
                                <div class="form-group">
                                    <label for="exampleInputEmail1">First
Name</label>
                                    <input type="text" class="form-control"
name='fName' id="fName" aria-describedby="emailHelp" placeholder="Enter
First Name" value=<?=$user['first_name']?>>
                                </div>
                                <div class="form-group">
                                    <label for="exampleInputEmail1">Last
Name</label>
                                    <input type="text" class="form-control"
name="lName" id="lName" aria-describedby="emailHelp" placeholder="Enter
Last Name" value=<?=$user['last_name']?>>
                                </div>
                                <div class="form-group">
                                    <label for="exampleInputEmail1">Email
address</label>
                                    <input type="email" class="form-control"
name="email" id="email" aria-describedby="emailHelp" placeholder="Enter
email" value=<?=$user['email']?>>
                                    <small id="emailHelp" class="form-text text-
muted">We'll never share your email with anyone else.</small>
                                </div>
                                <div class="form-group">
                                        <label
for="exampleFormControlFile1">Upload <strong>Profile</strong>
image</label>
```

```html
                                             <input type="file" name='img'
class="form-control-file" id="img">
                                             <?php
if(isset($user['profile_img'])):?>
                                             <img
src="assets/userImages/<?=$user['profile_img']?>" height="100px" alt="">
                                             <?php endif;?>
                        </div>
                        <div class="form-group">
                             <label
for="exampleInputPassword1">Password</label>
                             <input type="password" name="pass"
class="form-control" id="password" placeholder="Password">
                        </div>
                        <input type="hidden" name="id"
value="<?=$user['user_id']?>">
                        <button type="submit" name="submitBtn" class="btn
btn-primary mt-3">Edit</button>
                   </form>
              </div>
         </div>
     </div>
   </section>
```

Views/pages/home.php

```php
<?php
$newest = newestProducts();
$topDiscountProducts = topDiscountProducts();
?>
<!-- start banner Area -->
<section class="banner-area">
     <div class="container">
        <div class="row fullscreen align-items-center justify-content-
start">
          <div class="col-lg-12">
            <div class="active-banner-slider owl-carousel">
               <!-- single-slide -->
               <div class="row single-slide align-items-center d-flex">
                 <div class="col-lg-5 col-md-6">
                   <div class="banner-content">
                      <h1>Nike New <br />Collection!</h1>
                      <p>
```

```
                       Step into the world of style and comfort with our
exclusive collection of sneakers, designed to elevate your footwear game
to new heights.
                    </p>
                    <div class="add-bag d-flex align-items-center">
                       <a class="add-btn" href="index.php?page=shop"
                         ><img class="shopImg"
src="assets/ProductImages/Downloaded/store.png" alt="store"></a>
                       <span class="add-text text-uppercase">Go
shopping</span>
                    </div>
                  </div>
                </div>
                <div class="col-lg-7">
                  <div class="banner-img">
                    <img
                      class="img-fluid"
                      src="assets/ProductImages/Downloaded/banner2.png"
                      alt="banner2"
                    />
                  </div>
                </div>
              </div>
              <!-- single-slide -->
              <div class="row single-slide align-items-center d-flex">
                <div class="col-lg-5 col-md-6">
                  <div class="banner-content">
                    <h1>Adidas New <br />Collection!</h1>
                    <p>
                       Step into the world of style and comfort with our
exclusive collection of sneakers, designed to elevate your footwear game
to new heights.
                    </p>
                    <div class="add-bag d-flex align-items-center">
                       <a class="add-btn" href="index.php?page=shop"
                         ><img class="shopImg"
src="assets/ProductImages/Downloaded/store.png" alt="store1"></a>
                       <span class="add-text text-uppercase">Go
shopping</span>
                    </div>
                  </div>
                </div>
                <div class="col-lg-7">
```

```html
                    <div class="banner-img">
                      <img
                        class="img-fluid"
                        src="assets/ProductImages/Downloaded/banner1.png"
                        alt="banner11"
                      />
                    </div>
                  </div>
                </div>
              </div>
            </div>
          </section>
          <!-- End banner Area -->

          <!-- start features Area -->
          <section class="features-area section_gap">
            <div class="container">
              <div class="row features-inner">
                <!-- single features -->
                <div class="col-lg-3 col-md-6 col-sm-6">
                  <div class="single-features">
                    <div class="f-icon">
                      <img src="assets/img/features/f-icon1.png" alt="icon" />
                    </div>
                    <h6>Free Delivery</h6>
                    <p>Free Shipping on all order</p>
                  </div>
                </div>
                <!-- single features -->
                <div class="col-lg-3 col-md-6 col-sm-6">
                  <div class="single-features">
                    <div class="f-icon">
                      <img src="assets/img/features/f-icon2.png" alt="icon2" />
                    </div>
                    <h6>Return Policy</h6>
                    <p>Up to 15 days</p>
                  </div>
                </div>
                <!-- single features -->
                <div class="col-lg-3 col-md-6 col-sm-6">
                  <div class="single-features">
```

```html
          <div class="f-icon">
            <img src="assets/img/features/f-icon3.png" alt="icnon3" />
          </div>
          <h6>24/7 Support</h6>
          <p>Always online</p>
        </div>
      </div>
      <!-- single features -->
      <div class="col-lg-3 col-md-6 col-sm-6">
        <div class="single-features">
          <div class="f-icon">
            <img src="assets/img/features/f-icon4.png" alt="icon4" />
          </div>
          <h6>Secure Payment</h6>
          <p>Your money is safe</p>
        </div>
      </div>
    </div>
  </div>
</section>
<!-- end features Area -->

<!-- Start category Area -->
<section class="category-area">
  <div class="container">
    <div class="row justify-content-center">
      <div class="col-lg-8 col-md-12">
        <div class="row">
          <div class="col-lg-8 col-md-8">
            <div class="single-deal">
              <div class="overlay"></div>
              <img
                class="img-fluid w-100"
                src="assets/img/category/c1.jpg"
                alt="c1"
              />
              <a
                href="assets/img/category/c1.jpg"
                class="img-pop-up"
                target="_blank"
              >
                <div class="deal-details">
                  <h6 class="deal-title">Sneaker for Sports</h6>
```

```html
          </div>
        </a>
      </div>
    </div>
    <div class="col-lg-4 col-md-4">
      <div class="single-deal">
        <div class="overlay"></div>
        <img
          class="img-fluid w-100"
          src="assets/img/category/c2.jpg"
          alt="c2"
        />
        <a
          href="assets/img/category/c2.jpg"
          class="img-pop-up"
          target="_blank"
        >
          <div class="deal-details">
            <h6 class="deal-title">Sneaker for Sports</h6>
          </div>
        </a>
      </div>
    </div>
    <div class="col-lg-4 col-md-4">
      <div class="single-deal">
        <div class="overlay"></div>
        <img
          class="img-fluid w-100"
          src="assets/img/category/c3.jpg"
          alt="c3"
        />
        <a
          href="assets/img/category/c3.jpg"
          class="img-pop-up"
          target="_blank"
        >
          <div class="deal-details">
            <h6 class="deal-title">Product for Couple</h6>
          </div>
        </a>
      </div>
    </div>
    <div class="col-lg-8 col-md-8">
```

```html
            <div class="single-deal">
              <div class="overlay"></div>
              <img
                class="img-fluid w-100"
                src="assets/img/category/c4.jpg"
                alt="c4"
              />
              <a
                href="assets/img/category/c4.jpg"
                class="img-pop-up"
                target="_blank"
              >
                <div class="deal-details">
                  <h6 class="deal-title">Sneaker for Sports</h6>
                </div>
              </a>
            </div>
          </div>
        </div>
      </div>
      <div class="col-lg-4 col-md-6">
        <div class="single-deal">
          <div class="overlay"></div>
          <img
            class="img-fluid w-100"
            src="assets/img/category/c5.jpg"
            alt="c5"
          />
          <a
            href="assets/img/category/c5.jpg"
            class="img-pop-up"
            target="_blank"
          >
            <div class="deal-details">
              <h6 class="deal-title">Sneaker for Sports</h6>
            </div>
          </a>
        </div>
      </div>
    </div>
  </div>
</section>
<!-- End category Area -->
```

```html
    <!-- start product Area -->
    <section class="owl-carousel active-product-area section_gap">
      <!-- single product slide -->
      <div class="single-product-slider">
        <div class="container">
          <div class="row justify-content-center">
            <div class="col-lg-6 text-center">
              <div class="section-title">
                <h1>Latest Products</h1>
                <p>
                    Explore our newest arrivals and find the trendiest
sneakers of the season. From sleek and minimalistic designs to bold and
vibrant styles, our latest collection offers something for every sneaker
enthusiast.
                </p>
              </div>
            </div>
          </div>
          <div class="row">
            <!-- single product -->
            <?php foreach($newest as $product):
                $discount = $product['price']-
($product['price']*$product['percentage'])/100;
                ?>
              <div class="col-lg-3 col-md-6">
              <div class="single-product">
                <img class="img-fluid thumbnail"
src="assets/ProductImages/thumbnails/<?=$product['mainImg']?>"
alt="thumbnail" />
                <div class="product-details">
                  <h6 class="productHeading"><?=$product['name']?></h6>
                  <div class="price">
                    <h6>$<?=$discount?></h6>
                    <?php if($product['percentage']!=0):?>
                    <h6 class="l-through">$<?=$product['price']?></h6>
                    <?php endif?>
                  </div>
                  <div class="prd-bottom">
                    <a href="index.php?page=single-
product&prodid=<?=$product['product_id']?>" class="social-info">
                        <span class="lnr lnr-move"></span>
                        <p class="hover-text">view more</p>
```

```php
                </a>
              </div>
            </div>
          </div>
        </div>
        <?php endforeach;?>


      </div>
    </div>
  </div>
  <!-- single product slide -->
  <div class="single-product-slider">
    <div class="container">
      <div class="row justify-content-center">
        <div class="col-lg-6 text-center">
          <div class="section-title">
            <h1>Top Discounts</h1>
            <p>
              Don't miss out on our top discount offers on exclusive
sneakers. We're offering unbeatable prices on some of the most coveted
styles from renowned brands.
            </p>
          </div>
        </div>
      </div>
      <div class="row">
        <!-- single product -->
        <?php foreach($topDiscountProducts as $product):
            $discount = $product['price']-
($product['price']*$product['percentage'])/100;
          ?>
          <div class="col-lg-3 col-md-6">
          <div class="single-product">
            <img class="img-fluid thumbnail"
src="assets/ProductImages/thumbnails/<?=$product['mainImg']?>"
alt="thumbnailproduct" />
              <div class="product-details">
                <h6 class="productHeading"><?=$product['name']?></h6>
                <div class="price">
                  <h6>$<?=$discount?></h6>
                  <?php if($product['percentage']!=0):?>
                  <h6 class="l-through">$<?=$product['price']?></h6>
```

```php
            <?php endif?>
          </div>
          <div class="prd-bottom">
            <a href="" class="social-info">
              <span class="lnr lnr-move"></span>
              <p class="hover-text">view more</p>
            </a>
          </div>
        </div>
      </div>
    </div>
    <?php endforeach;?>


    </div>
    </div>
  </div>
</section>
<!-- end product Area -->

<!-- Start exclusive deal Area -->
<section class="exclusive-deal-area">
  <div class="container-fluid">
    <div class="row justify-content-center align-items-center">
      <div class="col-lg-6 no-padding exclusive-left">
        <div class="row clock_sec clockdiv" id="clockdiv">
          <div class="col-lg-12">
            <h1>Exclusive Hot Deal Ends Soon!</h1>
            <p>Who are in extremely love with eco friendly system.</p>
          </div>
          <div class="col-lg-12">
            <div class="row clock-wrap">
              <div class="col clockinner1 clockinner">
                <h1 class="days">150</h1>
                <span class="smalltext">Days</span>
              </div>
              <div class="col clockinner clockinner1">
                <h1 class="hours">23</h1>
                <span class="smalltext">Hours</span>
              </div>
              <div class="col clockinner clockinner1">
                <h1 class="minutes">47</h1>
                <span class="smalltext">Mins</span>
              </div>
```

```php
                <div class="col clockinner clockinner1">
                    <h1 class="seconds">59</h1>
                    <span class="smalltext">Secs</span>
                </div>
            </div>
        </div>
        <a href="" class="primary-btn">Shop Now</a>
    </div>
    <div class="col-lg-6 no-padding exclusive-right">
        <div class="active-exclusive-product-slider">
            <!-- single exclusive carousel -->
            <?php for($i=0; $i<3; $i++):
                $discount = $topDiscountProducts[$i]['price']-
($topDiscountProducts[$i]['price']*$topDiscountProducts[$i]['percentage'])
/100;?>
                <div class="single-exclusive-slider">
                    <img
                        class="img-fluid"
                        src="assets/ProductImages/allProductImages/<?=$topDisc
ountProducts[$i]['mainImg']?>"
                        alt="topproduct"
                    />
                    <div class="product-details">
                        <div class="price">
                            <h6>$<?=$discount?></h6>
                            <?php
if($topDiscountProducts[$i]['percentage']!=0):?>
                            <h6 class="l-
through">$<?=$topDiscountProducts[$i]['price']?></h6>
                            <?php endif;?>
                        </div>
                        <h4><?=$topDiscountProducts[$i]['name']?></h4>
                        <div
                            class="add-bag d-flex align-items-center justify-
content-center"
                        >
                            <a class="add-btn" href="index.php?page=shop"
                                ><img class="shopImg"
src="assets/ProductImages/Downloaded/store.png" alt="store"></a>
                            <span class="add-text text-uppercase">Go
shopping</span>
                        </div>
```

```php
                    </div>
                  </div>
                <?php endfor;?>
                <!-- single exclusive carousel -->

            </div>
          </div>
        </div>
      </div>
    </section>
    <!-- End exclusive deal Area -->

    <!-- Start brand Area -->
    <section class="brand-area section_gap">
      <div class="container">
        <div class="row">
          <a class="col single-img" href="#">
            <img
              class="img-fluid d-block mx-auto"
              src="assets/img/brand/1.png"
              alt="brand"
            />
          </a>
          <a class="col single-img" href="#">
            <img
              class="img-fluid d-block mx-auto"
              src="assets/img/brand/2.png"
              alt="brand1"
            />
          </a>
          <a class="col single-img" href="#">
            <img
              class="img-fluid d-block mx-auto"
              src="assets/img/brand/3.png"
              alt="brand2"
            />
          </a>
          <a class="col single-img" href="#">
            <img class="img-fluid d-block mx-auto"
src="assets/img/brand/4.png"
            alt="brand4" />
          </a>
          <a class="col single-img" href="#">
```

```
                <img
                  class="img-fluid d-block mx-auto"
                  src="assets/img/brand/5.png"
                  alt="brand3"
                />
              </a>
          </div>
        </div>
      </section>
      <!-- End brand Area -->
```

Views/pages/login.php

```php
<?php
    if(isset($user)){
        header("location: index.php");
        ob_end_flush();
        exit;
    }
?>
    <!-- Start Banner Area -->
    <section class="banner-area organic-breadcrumb">
        <div class="container">
            <div class="breadcrumb-banner d-flex flex-wrap align-items-
center justify-content-end">
                <div class="col-first">
                    <h1>Login/Register</h1>
                    <nav class="d-flex align-items-center">
                        <a href="index.html">Home<span class="lnr lnr-
arrow-right"></span></a>
                        <a href="category.html">Login/Register</a>
                    </nav>
                </div>
            </div>
        </div>
    </section>
    <!-- End Banner Area -->

    <!--================Login Box Area ==================-->
```

```html
    <section class="login_box_area section_gap">
        <div class="container">
            <div class="row">
                <div class="col-lg-6">
                    <div class="login_box_img">
                        <img class="img-fluid" src="assets/img/login.jpg"
alt="">
                        <div class="hover">
                            <h4>New to our website?</h4>
                            <p>There are advances being made in science
and technology everyday, and a good example of this is the</p>
                            <a class="primary-btn"
href="index.php?page=register">Create an Account</a>
                        </div>
                    </div>
                </div>
                <div class="col-lg-6">
                    <div class="login_form_inner">
                        <h3>Log in to enter</h3>
                        <?php if(isset($_GET['erors'])):?>
                            <div class="container">
                            <div class="alert alert-danger" role="alert">
                                <?=$_GET['erors']?>
                            </div>
                            </div>
                        <?php endif;?>
                        <div class="container">
                        <div class="error"></div>
                        </div>
                        <form class="row login_form" id="contactForm">
                            <div class="col-md-12 form-group">
                                <input type="text" class="form-control"
id="email" name="email" placeholder="Username" onfocus="this.placeholder =
''" onblur="this.placeholder = 'Username'">
                            </div>
                            <div class="col-md-12 form-group">
                                <input type="password" class="form-
control" id="password" name="password" placeholder="Password"
onfocus="this.placeholder = ''" onblur="this.placeholder = 'Password'">
                            </div>

                            <div class="col-md-12 form-group">
```

```
                                          <button type="button" id='loginBtn'
value="submit" class="primary-btn">Log In</button>

                            </div>
                        </form>
                    </div>
                </div>
            </div>
        </section>
        <!--================End Login Box Area ==================-->
```

Register.php

```php
<?php
    if(isset($user)){
        header("location: index.php");
        ob_end_flush();
        exit;
    }
?>


    <!-- Start Banner Area -->
    <section class="banner-area organic-breadcrumb">
        <div class="container">
            <div class="breadcrumb-banner d-flex flex-wrap align-items-
center justify-content-end">
                <div class="col-first">
                    <h1>Login/Register</h1>
                    <nav class="d-flex align-items-center">
                        <a href="index.html">Home<span class="lnr lnr-
arrow-right"></span></a>
                        <a href="category.html">Login/Register</a>
                    </nav>
                </div>
            </div>
        </div>
    </section>
    <!-- End Banner Area -->

    <!--================Login Box Area ==================-->
    <section class="login_box_area section_gap">
        <div class="container">
```

```html
            <div class="row">

                <div class="col-lg-6">

                    <div class="login_form_inner">
                        <h3>Create account</h3>
                        <div class="success"></div>
                        <form class="row login_form"
action="models/registerUser.php" method="post" id="contactForm"
novalidate="novalidate">
                            <div class="col-md-12 form-group">
                                <p class="error"></p>
                                <input type="text" class="form-control"
id="firstN" name="name" placeholder="First name" onfocus="this.placeholder
= ''" onblur="this.placeholder = 'First name'">
                            </div>
                            <div class="col-md-12 form-group">
                            <p class="error"></p>
                                <input type="text" class="form-control"
id="lastN" name="name" placeholder="Last name" onfocus="this.placeholder =
''" onblur="this.placeholder = 'Last name'">
                            </div>
                            <div class="col-md-12 form-group">
                            <p class="error"></p>
                                <input type="text" class="form-control"
id="email" name="name" placeholder="Email" onfocus="this.placeholder = ''"
onblur="this.placeholder = 'Email'">
                            </div>
                            <div class="col-md-12 form-group">
                            <p class="error"></p>
                                <input type="password" class="form-
control" id="password" name="name" placeholder="Password"
onfocus="this.placeholder = ''" onblur="this.placeholder = 'Password'">
                            </div>
                            <div class="col-md-12 form-group">
                            <p class="error"></p>
                                <input type="password" class="form-
control" id="passwordConfirm" name="name" placeholder="Confirm password"
onfocus="this.placeholder = ''" onblur="this.placeholder = 'Confirm
password'">
                            </div>
                            <div class="col-md-12 form-group">
```

```
                                    <button type="submit" value="submit"
class="primary-btn register-btn">Register</button>
                            </div>
                        </form>
                    </div>
                </div>
                <div class="col-lg-6">
                    <div class="login_box_img">
                        <img class="img-fluid" src="assets/img/login.jpg"
alt="">
                        <div class="hover">
                            <h4>You alredy have account?</h4>
                            <p>There are advances being made in science
and technology everyday, and a good example of this is the</p>
                            <a class="primary-btn"
href="index.php?page=login">Log in</a>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </section>
    <!--=================End Login Box Area ==================-->
```

Views/pages/shop.php

```php
<?php
    $categories = getItems('categories');
    $brands = getItems('brands');
    $genders = getItems("genders");
?>
<!-- Start Banner Area -->
<section class="banner-area organic-breadcrumb">
        <div class="container">
            <div class="breadcrumb-banner d-flex flex-wrap align-items-
center justify-content-end">
                <div class="col-first">
                    <h1>Shop Category page</h1>
                    <nav class="d-flex align-items-center">
                        <a href="index.html">Home<span class="lnr lnr-
arrow-right"></span></a>
                        <a href="#">Shop<span class="lnr lnr-arrow-
right"></span></a>
```

```html
                        <a href="category.html">Fashon Category</a>
                    </nav>
                </div>
            </div>
        </div>
    </section>
    <!-- End Banner Area -->
    <div class="container">
        <div class="row">
            <div class="col-xl-3 col-lg-4 col-md-5">
                <div class="sidebar-filter mt-50">
                    <div class="top-filter-head">Product Filters</div>
                    <div class="common-filter">
                        <div class="head">Brands</div>
                        <form action="#">
                            <ul>
                                <?php foreach($brands as $brand):?>
                                <li class="filter-list"><input
class="pixel-checkbox brand" type="checkbox" id="black" data-id="<?php
echo $brand['brand_id']?>"><label for="black"><?php echo
$brand['brand']?></label></li>
                                <?php endforeach;?>
                            </ul>
                        </form>
                    </div>
                    <div class="common-filter">
                        <div class="head">Categories</div>
                        <form action="#">
                            <ul>
                                <?php foreach($categories as $category):?>
                                <li class="filter-list"><input
class="pixel-checkbox category" type="checkbox" id="black" data-id="<?php
echo $category['category_id']?>"><label for="black"><?php echo
$category['category']?></label></li>
                                <?php endforeach;?>
                            </ul>
                        </form>
                    </div>
                    <div class="common-filter">
                        <div class="head">Genders</div>
                        <form action="#">
                            <ul>
                                <?php foreach($genders as $gender):?>
```

```html
                                    <li class="filter-list"><input
class="pixel-checkbox gender" type="checkbox" id="black" data-id="<?php
echo $gender['gender_id']?>"><label for="black"><?php echo
$gender['gender']?></label></li>
                                <?php endforeach;?>
                            </ul>
                        </form>
                    </div>
                </div>
            </div>
            <div class="col-xl-9 col-lg-8 col-md-7">
                <!-- Start Filter Bar -->
                <div class="filter-bar d-flex flex-wrap align-items-center
row">
                    <div class="col-10 d-flex align-items-center">
                        <div class="form-group mr-2">
                            <select class="form-control" id="sort">
                                <option value="desc">Price
Descending</option>
                                <option value="asc">Price
Ascending</option>
                                <option value="newest">Newest</option>
                            </select>
                        </div>

                        <div class="form-group">
                            <select class="perPage form-control"'>
                                <option value="3">Show 3</option>
                                <option value="6" selected>Show 6</option>
                                <option value="9">Show 9</option>
                            </select>
                        </div>
                    </div>
                    <div class="col-2">
                    <div class="pagination">
                        <a href="#" class="prev-arrow"><i class="fa fa-
long-arrow-left" aria-hidden="true"></i></a>
                        <a href="#" class="next-arrow"><i class="fa fa-
long-arrow-right" aria-hidden="true"></i></a>
                    </div>
                    </div>
                </div>
                <!-- End Filter Bar -->
```

```html
            <!-- Start Best Seller -->
            <section class="lattest-product-area pb-40 category-list">
                <div class="row product-container">

                </div>
            </section>
            <!-- End Best Seller -->
            <!-- Start Filter Bar -->

            <div class="filter-bar justify-content-between d-flex
flex-wrap align-items-center mb-4">
                <div class="form-group">
                    <select class="perPage form-control"'>
                        <option value="3">Show 3</option>
                        <option value="6" selected>Show 6</option>
                        <option value="9">Show 9</option>
                    </select>
                </div>
                <div class="pagination">
                    <a href="#" class="prev-arrow"><i class="fa fa-
long-arrow-left" aria-hidden="true"></i></a>
                    <a href="#" class="next-arrow"><i class="fa fa-
long-arrow-right" aria-hidden="true"></i></a>
                </div>
            </div>
            <!-- End Filter Bar -->
        </div>
    </div>
</div>
```

Views/pages/single-product.php

```php
<?php
    $product = getSingleProduct($_GET['prodid']);
    $allSizes = getProductSizes($_GET['prodid']);
?>

<!--popup-->
<div class="popup">

</div>
```

```html
<!-- Start Banner Area -->
<section class="banner-area organic-breadcrumb">
        <div class="container">
            <div class="breadcrumb-banner d-flex flex-wrap align-items-
center justify-content-end">
                <div class="col-first">
                    <h1>Product Details Page</h1>
                    <nav class="d-flex align-items-center">
                        <a href="index.html">Home<span class="lnr lnr-
arrow-right"></span></a>
                        <a href="#">Shop<span class="lnr lnr-arrow-
right"></span></a>
                        <a href="single-product.html">product-details</a>
                    </nav>
                </div>
            </div>
        </div>
    </section>
    <!-- End Banner Area -->

    <!--================Single Product Area ==================-->
    <?php $productImages=getItems('images',$_GET['prodid'])?>
    <div class="product_image_area">
        <div class="container">
            <div class="row s_product_inner">
                <div class="col-lg-6">
                    <div class="s_Product_carousel">
                        <div class="single-prd-item">
                            <img class="img-fluid"
src="assets/ProductImages/allProductImages/<?php echo
$product['mainImg']?>" alt="aa">
                        </div>
                        <?php foreach($productImages as $img):?>
                        <div class="single-prd-item">
                            <img class="img-fluid"
src="assets/ProductImages/allProductImages/<?php echo $img['src']?>"
alt="">
                        </div>
                        <?php endforeach;?>

                    </div>
                </div>
```

```php
                    <div class="col-lg-5 offset-lg-1">
                        <div class="s_product_text">
                            <h3><?php echo $product['name']?></h3>
                            <h2>$ <?php echo $product['percentage']===null?
number_format($product['price'], 2) : number_format($product['price']-
($product['price']*$product['percentage']/100), 2) ?></h2>
                            <ul class="list">
                                <li><a class="active"
href="#"><span>Category</span> : <?php echo
$product['category']?></a></li>
                                <li><a href="#"><span>Availibility</span> :
<?php echo $product['quantity']>0 ? " In Stock" : " Out Stock"?></a></li>
                            </ul>
                            <p><?php echo $product['description']?></p>
                            <div class="blk_error""></div>
                            <div class="sizes">
                                <ul class="d-flex">
                                    <?php foreach($allSizes as $size):?>
                                    <li class="mr-2 mb-3"><span class="btn
btn-size btn-custom size" data-id=<?php echo $size['size_id']?>><?php echo
$size['size']?></span></li>
                                    <?php endforeach;?>
                                </ul>
                            </div>
                            <div class="product_count">
                                <label for="qty">Quantity: <?php echo
$product['quantity']?></label>
                                <input type="number" name="qty" maxlength="12"
value="1" min="1" max='<?php echo $product['quantity']?>'
title="Quantity:" class="input-text qty">
                            </div>
                            <?php if(isset($_SESSION['user']) &&
$product['quantity']>0):?>
                            <div class="card_area d-flex align-items-center">
                                <a class="primary-btn" id="addToCart" data-uid
=<?=$_SESSION['user']['user_id']?> data-id=<?=$product['product_id']?>
href="#">Add to Cart</a>
                                <a class="icon_btn" href="#"><i class="lnr lnr
lnr-heart"></i></a>
                            </div>
                            <?php else:?>
                            <div class="card_area d-flex align-items-
center">
```

```
                              <p class="text-danger">Please log in for
shopping</p>
                          </div>
                          <?php endif;?>
                      </div>
                  </div>
              </div>
          </div>
      <!--================End Single Product Area ================-->

      <!--================Product Description Area ================-->
      <section class="product_description_area">
          <div class="container">
              <ul class="nav nav-tabs" id="myTab" role="tablist">

                  <li class="nav-item">
                      <a class="nav-link " id="profile-tab" data-
toggle="tab" href="#profile" role="tab" aria-controls="profile"
                          aria-selected="false">Specification</a>
                  </li>


              </ul>
              <div class="tab-content" id="myTabContent">
                  <div class="tab-pane fade tab-pane fade active show"
id="profile" role="tabpanel" aria-labelledby="profile-tab">
                      <div class="table-responsive">
                          <table class="table">
                              <tbody>
                                  <?php $specifications =
getAllSpecifications($_GET['prodid']);?>
                                      <?php  foreach($specifications as
$spec):?>
                                          <tr>
                                          <td>
                                              <h5><?php echo
$spec['specification']?></h5>
                                          </td>
                                          <td>
                                              <h5><?php echo
$spec['value']?></h5>
                                          </td>
```

```
                                    </tr>
                                    <?php endforeach;?>


                            </tbody>
                        </table>
                    </div>
                </div>


            </div>
        </div>
    </section>
    <!--================End Product Description Area ==================-->
```

Views/adminPanel/admin.php

```php
<?php
  session_start();
  include '../../models/functions.php';
  include '../../config/connection.php';
  include '../../models/logFileFunctions.php';
  if(!isset($_SESSION['user']) || $_SESSION['user']['role_id']!==2){
    header('Location: ../../index.php');
  }
?>
<!DOCTYPE html>
<html lang="en">

<head>
  <!-- Required meta tags -->
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1,
shrink-to-fit=no">
  <title>Skydash Admin</title>
  <!-- plugins:css -->
  <link rel="stylesheet" href="vendors/feather/feather.css">
  <link rel="stylesheet" href="vendors/ti-icons/css/themify-icons.css">
  <link rel="stylesheet" href="vendors/css/vendor.bundle.base.css">
  <!-- endinject -->
  <!-- Plugin css for this page -->
```

```html
  <link rel="stylesheet" href="vendors/datatables.net-
bs4/dataTables.bootstrap4.css">
  <link rel="stylesheet" href="vendors/ti-icons/css/themify-icons.css">
  <link rel="stylesheet" type="text/css"
href="js/select.dataTables.min.css">
  <!-- End plugin css for this page -->
  <!-- inject:css -->
  <link rel="stylesheet" href="css/vertical-layout-light/style.css">
  <!-- endinject -->
  <link rel="shortcut icon" href="images/favicon.png" />
</head>
<body>
  <div class="container-scroller">
    <!-- partial:partials/_navbar.html -->
    <?php include 'partials/nav.php'?>
    <!-- partial -->
    <div class="container-fluid page-body-wrapper">
      <!-- partial:partials/_settings-panel.html -->
      <div class="theme-setting-wrapper">
        <div id="settings-trigger"><i class="ti-settings"></i></div>
        <div id="theme-settings" class="settings-panel">
          <i class="settings-close ti-close"></i>
          <p class="settings-heading">SIDEBAR SKINS</p>
          <div class="sidebar-bg-options selected" id="sidebar-light-
theme"><div class="img-ss rounded-circle bg-light border mr-
3"></div>Light</div>
          <div class="sidebar-bg-options" id="sidebar-dark-theme"><div
class="img-ss rounded-circle bg-dark border mr-3"></div>Dark</div>
          <p class="settings-heading mt-2">HEADER SKINS</p>
          <div class="color-tiles mx-0 px-4">
            <div class="tiles success"></div>
            <div class="tiles warning"></div>
            <div class="tiles danger"></div>
            <div class="tiles info"></div>
            <div class="tiles dark"></div>
            <div class="tiles default"></div>
          </div>
        </div>
      </div>

      <!-- partial -->
      <!-- partial:partials/_sidebar.html -->
      <?php include 'partials/sidebar.php'?>
```

```php
      <!-- partial -->
      <div class="main-panel">

        <?php

          $page = isset($_GET['page']) ? $_GET['page'] : 'home';

          switch ($page) {
            case 'list':
              include 'partials/list.php';
              break;
            case 'additem':
              include 'partials/additem.php';
              break;
            case 'edit':
              include 'partials/editItems.php';
              break;



            default: include 'partials/adminHome.php';
          }


        ?>
        <!-- content-wrapper ends -->
        <!-- partial:partials/_footer.html -->
        <footer class="footer">
          <div class="d-sm-flex justify-content-center justify-content-sm-between">
            <span class="text-muted text-center text-sm-left d-block d-sm-inline-block">Copyright © 2021.  Premium <a href="https://www.bootstrapdash.com/" target="_blank">Bootstrap admin template</a> from BootstrapDash. All rights reserved.</span>
            <span class="float-none float-sm-right d-block mt-1 mt-sm-0 text-center">Hand-crafted & made with <i class="ti-heart text-danger ml-1"></i></span>
          </div>
          <div class="d-sm-flex justify-content-center justify-content-sm-between">
            <span class="text-muted text-center text-sm-left d-block d-sm-inline-block">Distributed by <a href="https://www.themewagon.com/" target="_blank">Themewagon</a></span>
```

```html
            </div>
          </footer>
          <!-- partial -->
        </div>
        <!-- main-panel ends -->
      </div>
      <!-- page-body-wrapper ends -->
    </div>
    <!-- container-scroller -->

    <!-- plugins:js -->
    <script src="vendors/js/vendor.bundle.base.js"></script>
    <!-- endinject -->
    <!-- Plugin js for this page -->
    <script src="vendors/chart.js/Chart.min.js"></script>
    <script src="vendors/datatables.net/jquery.dataTables.js"></script>
    <script src="vendors/datatables.net-
bs4/dataTables.bootstrap4.js"></script>
    <script src="js/dataTables.select.min.js"></script>

    <!-- End plugin js for this page -->
    <!-- inject:js -->
    <script src="js/off-canvas.js"></script>
    <script src="js/hoverable-collapse.js"></script>
    <script src="js/template.js"></script>
    <script src="js/settings.js"></script>
    <script src="js/todolist.js"></script>
    <!-- endinject -->
    <!-- Custom js for this page-->
    <script src="js/dashboard.js"></script>
    <script src="js/Chart.roundedBarCharts.js"></script>
    <script src="js/customJS/custom.js"></script>
    <!-- End custom js for this page-->
</body>

</html>
```

Views/adminPanel/partials/additem.php

```php
<?php
    include '../../config/connection.php';
    $allBrands = getItems('brands');
    $allCategories = getItems('categories');
```

```php
    $allGenders = getItems('genders');
    $allSpecification = getItems('specifications');
    $allDiscounts = getItems('discounts');
    $allSizes = getItems('sizes');
    $allRoles = getItems('roles');
    $allProducts = getItems('products');
?>
<div class="main-panel">
        <div class="content-wrapper">
          <div class="row">
            <div class="col-lg-12 grid-margin stretch-card">
              <div class="card">
                <div class="error">

                </div>
                    <?php if($_GET['table']==='products'):?>
                        <div class="card-body">
                            <div class="errors">
                                <ul>
                                    <?php
if(isset($_SESSION['user']['errors'])):?>
                                        <?php
foreach($_SESSION['user']['errors'] as $error):?>
                                            <li class="text-danger"><?php
echo $error;?></li>
                                        <?php endforeach;?>
                                    <?php endif;?>
                                </ul>
                            </div>
                            <div class="success">
                                <?php echo isset($_GET['success'])
?  "<strong class='text-success'>".$_GET['success']."</strong>" : ''?>
                            </div>
                            <form
action="../../models/products/insertProduct.php"
method="post"  enctype="multipart/form-data" onSubmit="return
validationProduct()">
                                <div class="form-group">
                                    <label
for="exampleInputEmail1">Product name</label>
                                    <input type="text" name='name'
class="form-control" id="name" aria-describedby="emailHelp"
placeholder="Example (Nike Invincible 3)">
```

```html
                                            </div>
                                            <div class="form-group">
                                            <label
for="exampleInputEmail1">Category</label>
                                                <select name="category" id="category"
class="form-control">
                                                    <option value="0">Choose
category</option>
                                                    <?php foreach($allCategories as
$category):?>
                                                        <option value="<?php echo
$category['category_id']?>"><?php echo $category['category']?></option>
                                                    <?php endforeach;?>
                                                </select>
                                            </div>
                                            <div class="form-group">
                                            <label
for="exampleInputEmail1">Brand</label>
                                                <select name="brand" id="brand"
class="form-control">
                                                    <option value="0">Choose
brand</option>
                                                    <?php foreach($allBrands as
$brand):?>
                                                        <option value="<?php echo
$brand['brand_id']?>"><?php echo $brand['brand']?></option>
                                                    <?php endforeach;?>
                                                </select>
                                            </div>
                                            <div class="form-group">
                                            <label
for="exampleFormControlFile1">Upload product <strong>MAIN</strong>
image</label>
                                                <input type="file" name='img'
class="form-control-file" id="exampleFormControlFile1">
                                            </div>
                                            <div class="form-group">
                                            <label
for="exampleFormControlFile1">Upload more product images</label>
                                                <input type="file" multiple="multiple"
name='imgs[]' class="form-control-file" id="exampleFormControlFile1">
                                            </div>
                                            <div class="form-group">
```

```html
                                                <label for="exampleInputEmail1">Add
price</label>
                                                <input type="text" name='price'
class="form-control" id="price" aria-describedby="emailHelp"
placeholder="$69.99">
                                    </div>
                                    <div class="form-group">
                                    <label
for="exampleInputEmail1">Gender</label>
                                                <div class="genders"> <?php
foreach($allGenders as $gender):?>
                                                        <label><?php echo
$gender['gender']?></label>
                                                        <input type='radio'
class='gender' name='gender' value="<?php echo $gender['gender_id']?>"/>
                                                <?php endforeach;?></div>
                                    </div>
                                    <div class="form-group">
                                        <label
for="exampleInputEmail1">Quantity</label>
                                                <input type="text" name='qty'
class="form-control" id="qty" aria-describedby="emailHelp"
placeholder="Quantity">
                                    </div>
                                    <div class="form-group">
                                    <label for="exampleInputEmail1">Choose
discount</label>
                                                <select name="discount" id="discount"
class="form-control">
                                                    <option value="0">Choose
discount</option>
                                                    <?php foreach($allDiscounts as
$discount):?>
                                                        <option value="<?php echo
$discount['discount_id']?>"><?php echo $discount['percentage']?></option>
                                                    <?php endforeach;?>
                                                </select>
                                    </div>
                                    <div class="form-group">
                                        <label for="exampleInputEmail1">Add
description</label>
```

```php
                                    <input type="text" name='description'
class="form-control" id="description" aria-describedby="emailHelp"
placeholder="Description">
                        </div>
                        <div class="form-group">
                        <h3 for="exampleInputEmail1"
class="">Choose sizes</h3>
                            <div class="genders"> <?php
foreach($allSizes as $size):?>
                                <label><?php echo
$size['size']?></label>
                                <input type='checkbox'
class="sizes" name='sizes[]' value="<?php echo $size['size_id']?>"/>
                                <?php endforeach;?></div>
                        </div>
                        <div class="form-group">
                            <h4
for="exampleInputEmail1"><strong>Add Specifications</strong></h4>
                            <?php foreach($allSpecification as
$spec):?>
                                <div class="form-group">
                                <label
for="exampleInputEmail1"><?php echo $spec['specification']?></label>
                                <input type="text" name='spec<?php
echo $spec['specification_id']?>' class="form-control"
id="exampleInputEmail1" aria-describedby="emailHelp" placeholder="<?php
echo $spec['specification']?>">
                                <input type="hidden" name="id<?php
echo $spec['specification']?>" value="<?php echo
$spec['specification_id']?>">
                                </div>
                            <?php endforeach;?>
                        </div>
                        <button type="submit" name="submitBtn"
class="btn btn-primary">Insert</button>
                        </form>
                    </div>
                <?php elseif($_GET['table']==='categories'):?>
                    <div class="card-body">
                        <div class="errors">
                            <ul>
                                <?php
if(isset($_SESSION['user']['errors'])):?>
```

```php
                                    <?php
foreach($_SESSION['user']['errors'] as $error):?>
                                        <li class="text-danger"><?php
echo $error;?></li>
                                    <?php endforeach;?>
                                  <?php endif;?>
                            </ul>
                        </div>
                        <div class="success">
                            <?php echo isset($_GET['success'])
?  "<strong class='text-success'>".$_GET['success']."</strong>" : ''?>
                        </div>
                        <form
action="../../models/insert.php?table=categories" method="post"
onSubmit="return validateCategory()">
                            <div class="form-group">
                                <label for="exampleInputEmail1">Add
Category</label>
                                <input type="text" name='category'
class="form-control" id="category" aria-describedby="emailHelp"
placeholder="Example (Basketball shoes)">
                            </div>
                            <button type="submit" name="submitBtn"
class="btn btn-primary">Insert</button>
                        </form>
                    </div>
                <?php elseif($_GET['table']==='brands'):?>
                    <div class="card-body">
                        <div class="errors">
                            <ul>
                                <?php
if(isset($_SESSION['user']['errors'])):?>
                                    <?php
foreach($_SESSION['user']['errors'] as $error):?>
                                        <li class="text-danger"><?php
echo $error;?></li>
                                    <?php endforeach;?>
                                  <?php endif;?>
                            </ul>
                        </div>
                        <div class="success">
                            <?php echo isset($_GET['success'])
?  "<strong class='text-success'>".$_GET['success']."</strong>" : ''?>
```

```php
                        </div>
                        <form
action="../../models/insert.php?table=brands" method="post"
onSubmit="return validateBrand()">
                            <div class="form-group">
                                <label for="exampleInputEmail1">Add
Brand</label>
                                <input type="text" name='brand'
class="form-control" id="brand" aria-describedby="emailHelp"
placeholder="Example (Nike)">
                            </div>
                            <button type="submit" name="submitBtn"
class="btn btn-primary">Insert</button>
                        </form>
                    </div>
                <?php elseif($_GET['table']==='sizes'):?>
                    <div class="card-body">
                        <div class="errors">
                            <ul>
                                <?php
if(isset($_SESSION['user']['errors'])):?>
                                    <?php
foreach($_SESSION['user']['errors'] as $error):?>
                                        <li class="text-danger"><?php
echo $error;?></li>
                                    <?php endforeach;?>
                                <?php endif;?>
                            </ul>
                        </div>
                        <div class="success">
                            <?php echo isset($_GET['success'])
?  "<strong class='text-success'>".$_GET['success']."</strong>" : ''?>
                        </div>
                        <form
action="../../models/insert.php?table=sizes" method="post"
onSubmit="return validateSizes()">
                            <div class="form-group">
                                <label
for="exampleInputEmail1">Size</label>
                                <input type="text" name='size'
class="form-control" id="size" aria-describedby="emailHelp"
placeholder="Example (45)">
                            </div>
```

```php
                                            <button type="submit" name="submitBtn"
class="btn btn-primary">Insert</button>
                                        </form>
                                    </div>
                            <?php elseif($_GET['table']==='specifications'):?>
                                <div class="card-body">
                                    <div class="errors">
                                        <ul>
                                            <?php
if(isset($_SESSION['user']['errors'])):?>
                                                <?php
foreach($_SESSION['user']['errors'] as $error):?>
                                                    <li class="text-danger"><?php
echo $error;?></li>
                                                <?php endforeach;?>
                                            <?php endif;?>
                                        </ul>
                                    </div>
                                    <div class="success">
                                        <?php echo isset($_GET['success'])
?  "<strong class='text-success'>".$_GET['success']."</strong>" : ''?>
                                    </div>
                                    <form
action="../../models/insert.php?table=specifications" method="post"
onSubmit="return validateSpecification()">
                                        <div class="form-group">
                                            <label
for="exampleInputEmail1">Specification</label>
                                            <input type="text"
name='specification' class="form-control" id="spec" aria-
describedby="emailHelp" placeholder="Example (Material)">
                                        </div>
                                        <button type="submit" name="submitBtn"
class="btn btn-primary">Insert</button>
                                    </form>
                                </div>
                            <?php elseif($_GET['table']==='genders'):?>
                                <div class="card-body">
                                    <div class="errors">
                                        <ul>
                                            <?php
if(isset($_SESSION['user']['errors'])):?>
```

```php
                                        <?php
foreach($_SESSION['user']['errors'] as $error):?>
                                            <li class="text-danger"><?php
echo $error;?></li>
                                        <?php endforeach;?>
                                    <?php endif;?>
                                </ul>
                            </div>
                            <div class="success">
                                <?php echo isset($_GET['success'])
?  "<strong class='text-success'>".$_GET['success']."</strong>" : ''?>
                            </div>
                            <form
action="../../models/insert.php?table=genders" method="post"
onSubmit="return validateGender()">
                                <div class="form-group">
                                    <label
for="exampleInputEmail1">Gender</label>
                                    <input type="text" name='gender'
class="form-control" id="gender" aria-describedby="emailHelp"
placeholder="Example (Male)">
                                </div>
                                <button type="submit" name="submitBtn"
class="btn btn-primary">Insert</button>
                            </form>
                        </div>
                    <?php elseif($_GET['table']==='roles'):?>
                        <div class="card-body">
                            <div class="errors">
                                <ul>
                                    <?php
if(isset($_SESSION['user']['errors'])):?>
                                        <?php
foreach($_SESSION['user']['errors'] as $error):?>
                                            <li class="text-danger"><?php
echo $error;?></li>
                                        <?php endforeach;?>
                                    <?php endif;?>
                                </ul>
                            </div>
                            <div class="success">
                                <?php echo isset($_GET['success'])
?  "<strong class='text-success'>".$_GET['success']."</strong>" : ''?>
```

```php
                                    </div>
                                    <form
action="../../models/insert.php?table=roles" method="post"
onSubmit="return validateRole()">
                                        <div class="form-group">
                                            <label
for="exampleInputEmail1">Role</label>
                                            <input type="text" name='roles'
class="form-control" id="role" aria-describedby="emailHelp"
placeholder="Example (User)">
                                        </div>
                                        <button type="submit" name="submitBtn"
class="btn btn-primary">Insert</button>
                                    </form>
                                </div>
                        <?php elseif($_GET['table']==='users'):?>
                            <div class="card-body">
                                <div class="errors">
                                    <ul>
                                        <?php
if(isset($_SESSION['user']['errors'])):?>
                                            <?php
foreach($_SESSION['user']['errors'] as $error):?>
                                                <li class="text-danger"><?php
echo $error;?></li>
                                            <?php endforeach;?>
                                        <?php endif;?>
                                    </ul>
                                </div>
                                <div class="success">
                                    <?php echo isset($_GET['success'])
?  "<strong class='text-success'>".$_GET['success']."</strong>" : ''?>
                                </div>
                                <form
action="../../models/insert.php?table=users" method="post"
onSubmit="return validateUser()">
                                    <div class="form-group">
                                        <label for="exampleInputEmail1">First
Name</label>
                                        <input type="text" name='fName'
class="form-control" id="fName" aria-describedby="emailHelp"
placeholder="Example (Marko)">
                                    </div>
```

```php
                                        <div class="form-group">
                                            <label for="exampleInputEmail1">Last
Name</label>
                                            <input type="text" name='LName'
class="form-control" id="lName" aria-describedby="emailHelp"
placeholder="Example (Markovic)">
                                        </div>
                                        <div class="form-group">
                                            <label
for="exampleInputEmail1">Email</label>
                                            <input type="text" name='email'
class="form-control" id="email" aria-describedby="emailHelp"
placeholder="Example (marko@gmail.com)">
                                        </div>
                                        <div class="form-group">
                                            <label
for="exampleInputEmail1">Password</label>
                                            <input type="password" name='password'
class="form-control" id="password" aria-describedby="emailHelp"
placeholder="password">
                                        </div>
                                        <div class="form-group">
                                            <label
for="exampleInputEmail1">Role</label>
                                                <select name="role" id="role"
class="form-control">
                                                    <option value="0">Choose
Role</option>
                                                    <?php foreach($allRoles as
$role):?>
                                                    <option value="<?php echo
$role['role_id']?>"><?php echo $role['role']?></option>
                                                    <?php endforeach;?>
                                                </select>
                                        </div>
                                        <button type="submit" name="submitBtn"
class="btn btn-primary">Insert</button>
                                    </form>
                                </div>
                            <?php elseif($_GET['table']==='discounts'):?>
                                <div class="card-body">
                                    <div class="errors">
                                        <ul>
```

```php
                                                    <?php
if(isset($_SESSION['user']['errors'])):?>
                                                        <?php
foreach($_SESSION['user']['errors'] as $error):?>
                                                            <li class="text-danger"><?php
echo $error;?></li>
                                                        <?php endforeach;?>
                                                    <?php endif;?>
                                            </ul>
                                        </div>
                                        <div class="success">
                                            <?php echo isset($_GET['success'])
?   "<strong class='text-success'>".$_GET['success']."</strong>" : ''?>
                                        </div>
                                        <form
action="../../models/insert.php?table=discounts" method="post"
onSubmit="return validateDiscount()">

                                            <div class="form-group">
                                                <label
for="exampleInputEmail1">Percentage</label>
                                                <input type="text" id="discount"
name='percentage' class="form-control" placeholder="Percentage">
                                            </div>
                                            <button type="submit" name="submitBtn"
class="btn btn-primary">Insert</button>
                                        </form>
                                    </div>
                                <?php endif;?>
                        </div>
                    </div>
                </div>
            </div>
</div>
        <!-- main-panel ends -->
```

Views/adminpanel/partials/adminHome.php

```php
<div class="main-panel">
        <div class="content-wrapper">
            <div class="row">
```

```html
<div class="col-lg-12 grid-margin stretch-card">
  <div class="card">
    <div class="card-body">
      <h4 class="card-title">Page statistic</h4>
      <div class="table-responsive pt-3">
        <table class="table">
          <thead>
            <tr>
              <th>Page</th>
              <th>All visits</th>
              <th>Today's visit</th>
              <th>Visit in %</th>
            </tr>
          </thead>
          <tbody>
            <tr>
              <td>Home</td>
              <td><?php echo
getAllPageViews('home')?></td>
              <td><?php echo
getAllTodayPageViews('home')?></td>
              <td><?php echo
visitInPercentage('home')?>%</td>
            </tr>
            <tr>
              <td>Shop</td>
              <td><?php echo
getAllPageViews('shop')?></td>
              <td><?php echo
getAllTodayPageViews('shop')?></td>
              <td><?php echo
visitInPercentage('shop')?>%</td>
            </tr>
            <tr>
              <td>Login</td>
              <td><?php echo
getAllPageViews('login')?></td>
              <td><?php echo
getAllTodayPageViews('login')?></td>
              <td><?php echo
visitInPercentage('login')?>%</td>
            </tr>
            <tr>
```

```html
                                        <td>Register</td>
                                        <td><?php echo
getAllPageViews('register')?></td>
                                        <td><?php echo
getAllTodayPageViews('register')?></td>
                                        <td><?php echo
visitInPercentage('register')?>%</td>
                                    </tr>
                                    <tr>
                                        <td>Single-Product</td>
                                        <td><?php echo
getAllPageViews('single-product')?></td>
                                        <td><?php echo
getAllTodayPageViews('single-product')?></td>
                                        <td><?php echo
visitInPercentage('single-product')?>%</td>
                                    </tr>
                                    <tr>
                                        <td>Checkout</td>
                                        <td><?php echo
getAllPageViews('checkout')?></td>
                                        <td><?php echo
getAllTodayPageViews('checkout')?></td>
                                        <td><?php echo
visitInPercentage('checkout')?>%</td>
                                    </tr>
                                    <tr>
                                        <td>Confirmation</td>
                                        <td><?php echo
getAllPageViews('confirmation')?></td>
                                        <td><?php echo
getAllTodayPageViews('confirmation')?></td>
                                        <td><?php echo
visitInPercentage('confirmation')?>%</td>
                                    </tr>
                                </tbody>
                        </table>
                    </div>
                </div>
            </div>
        </div>
        <div class="col-lg-6 grid-margin stretch-card">
          <div class="card">
```

```html
            <div class="card-body">
              <h4 class="card-title">User statistic</h4>
              <div class="table-responsive pt-3">
                <table class="table">
                        <thead>
                            <tr>
                                <th>Number of today logged users</th>
                                <th>Date</th>
                            </tr>
                        </thead>
                        <tbody>
                            <tr>
                                <td><?php echo
loggedUsersCount();?></td>
                                <td><?php echo date('Y/m/d');?></td>
                            </tr>
                        </tbody>
                </table>
              </div>
            </div>
          </div>
        </div>

        </div>
      </div>
</div>
      <!-- main-panel ends -->
```

Views/adminpanel/partials/categories.php

```html
<div class="main-panel">
        <div class="content-wrapper">
          <div class="row">
            <div class="col-lg-12 grid-margin stretch-card">
              <div class="card">
                <div class="card-body">
                  <h4 class="card-title">Bordered table</h4>
                  <div class="btn-container">
                    <a href="admin.php?page=addProduct" class='btn btn-
primary'>Add Categories</a>
                  </div>
```

```html
                    <div class="table-responsive pt-3">


                        </table>
                    </div>
                </div>
            </div>
        </div>


        </div>
      </div>
</div>
      <!-- main-panel ends -->
```

Views/adminpanel/partials/editItems.php

```php
<?php

    include '../../config/connection.php';
    $allBrands = getItems('brands');
    $allCategories = getItems('categories');
    $allGenders = getItems('genders');
    $allSpecification = getItems('specifications');
    $allDiscounts = getItems('discounts');
    $allSizes = getItems('sizes');
    $allRoles = getItems('roles');
    $allProducts = getItems('products');
    $allProductSizes = getItems('product_size')
?>
<div class="main-panel">
    <div class="content-wrapper">
        <div class="row">
          <div class="col-lg-12 grid-margin stretch-card">
            <div class="card">
                <div class="error">

                </div>
                <?php if($_GET['table']==='products'):?>
                    <?php $product = getSingleProduct($_GET['id'])?>
                    <div class="card-body">
```

```php
<div class="errors">
    <ul>
        <?php
if(isset($_SESSION['user']['errors'])):?>
            <?php
foreach($_SESSION['user']['errors'] as $error):?>
                <li class="text-danger"><?php echo
$error;?></li>
            <?php endforeach;?>
        <?php endif;?>
    </ul>
</div>
<div class="success">
    <?php echo isset($_GET['success']) ?  "<strong
class='text-success'>".$_GET['success']."</strong>" : ''?>
</div>
<form
action="../../models/update.php?table=products"
method="post"  enctype="multipart/form-data" onSubmit="return
validationUptProduct()">
    <div class="form-group">
        <label for="exampleInputEmail1">Product
name</label>
        <input type="text" name='name' id='name'
class="form-control" value="<?php echo $product['name']?>">
    </div>
    <div class="form-group">
        <label
for="exampleInputEmail1">Category</label>
        <select name="category" id="category"
class="form-control">
            <option value="0">Choose
category</option>
            <?php foreach($allCategories as
$category):?>
                <option <?php
if($category['category_id']==$product['category_id']) echo 'selected'?>
value="<?php echo $category['category_id']?>"><?php echo
$category['category']?></option>
            <?php endforeach;?>
        </select>
    </div>
    <div class="form-group">
```

```php
                                    <label for="exampleInputEmail1">Brand</label>
                                        <select name="brand" id="brand"
class="form-control">
                                            <option value="0">Choose
brand</option>
                                            <?php foreach($allBrands as $brand):?>
                                                <option <?php
if($brand['brand_id']==$product['brand_id']) echo 'selected'?>
value="<?php echo $brand['brand_id']?>"><?php echo
$brand['brand']?></option>
                                            <?php endforeach;?>
                                        </select>
                                    </div>
                                    <div class="form-group">
                                        <label
for="exampleFormControlFile1">Upload product <strong>MAIN</strong>
image</label>
                                            <input type="file" name='img' class="form-
control-file" id="exampleFormControlFile1">
                                    </div>
                                    <div class="form-group">
                                        <label for="exampleInputEmail1">Add
description</label>
                                            <input type="text" name='description'
id="description" class="form-control" value="<?php echo
$product['description']?>">
                                    </div>
                                    <div class="form-group">
                                    <label for="exampleInputEmail1">Gender</label>
                                        <div class="genders"> <?php
foreach($allGenders as $gender):?>
                                                <label><?php echo
$gender['gender']?></label>
                                                <input <?php
if($gender['gender_id']==$product['gender_id']) echo 'checked'?>
type='radio' name='gender' class="gender" value="<?php echo
$gender['gender_id']?>"/>
                                            <?php endforeach;?></div>
                                    </div>
                                    <input type="hidden" name="id" value=<?php
echo $_GET['id']?>>
                                    <button type="submit" name="submitBtn"
class="btn btn-primary  mb-3">Edit</button>
```

```html
                                    </form>
                                    <form
action="../../models/insert.php?table=images&id=<?php echo $_GET['id']?>"
method="post"  enctype="multipart/form-data">
                                        <div class="form-group">
                                            <label
for="exampleFormControlFile1">Upload more product images</label>
                                            <input type="file" multiple="multiple"
name='imgs[]' class="form-control-file" id="exampleFormControlFile1">
                                            <button type="submit" name="submitBtn"
class="btn btn-primary mt-3">Upload</button>
                                        </div>
                                        <div class="img-container">

                                        </div>



                                    </form>
                                    <form
action="../../models/update.php?table=prices&id=<?php echo $_GET['id']?>"
method="post" onSubmit="return validatePrice()">
                                        <div class="form-group">
                                            <label for="exampleInputEmail1">Edit
price</label>
                                            <input type="text" name='price' id="price"
class="form-control" value="<?php echo $product['price']?>">
                                            <input type="hidden" name="id" value=<?php
echo $product['price_id']?>>
                                            <button type="submit" name="submitBtn"
class="btn btn-primary mt-3">Edit</button>
                                        </div>
                                    </form>
                                    <form
action="../../models/update.php?table=product_inventory&id=<?php echo
$_GET['id']?>" method="post" onSubmit="return valdiateQty()">
                                        <div class="form-group">
                                            <?php
                                                global $conn;
                                                $inventory = $conn->prepare("SELECT *
FROM product_inventory WHERE product_id =".$_GET['id']);
                                                $inventory->execute();
```

```php
                                    $inventory = $inventory-
>fetch(PDO::FETCH_ASSOC);
                                    ?>
                                    <label
for="exampleInputEmail1">Quantity</label>
                                    <input type="text" id="qty" name='qty'
class="form-control" value="<?php echo $product['quantity']?>">
                                    <input type="hidden" name="id"
value="<?php echo $inventory['inventory_id']?>">
                                    <button type="submit" name="submitBtn"
class="btn btn-primary mt-3">Edit</button>
                                </div>
                            </form>
                            <form
action="../../models/update.php?table=productdiscounts&id=<?php echo
$_GET['id']?>" method="post" onSubmit="return validateDiscount()">
                                <?php
                                    global $conn;
                                    $singleDiscount = $conn-
>prepare("SELECT * FROM prices WHERE product_id=".$_GET['id']." ORDER BY
date DESC LIMIT 1;" );
                                    $singleDiscount->execute();
                                    $singleDiscount = $singleDiscount-
>fetch(PDO::FETCH_ASSOC);
                                ?>
                                <div class="form-group">
                                    <label for="exampleInputEmail1">Choose
discount</label>
                                    <select name="discount" id="discount"
class="form-control">
                                        <option value="">Choose
discount</option>
                                        <?php foreach($allDiscounts as
$discount):?>
                                        <option <?php
if($singleDiscount['discount_id']==$discount['discount_id']) echo
'selected'?> value="<?php echo $discount['discount_id']?>"><?php echo
$discount['percentage']?></option>
                                        <?php endforeach;?>
                                    </select>
                                    <input type="hidden" name="priceID"
value="<?php echo $singleDiscount['price_id']?>">
```

```html
                                        <button type="submit" name="submitBtn"
class="btn btn-primary mt-3">Edit</button>
                                    </div>

                            </form>
                            <form class="product_sizes">
                                <div class="form-group">
                                <h3 for="exampleInputEmail1" class="">Choose
sizes</h3>

                                    <!-- <?php
                                        global $conn;
                                        $productSizes = $conn->prepare("SELECT
size_id FROM product_size WHERE product_id=:id");
                                        $productSizes->bindParam(":id",
$_GET['id']);

                                        $productSizes->execute();
                                        $productSizes = $productSizes-
>fetchAll(PDO::FETCH_ASSOC);

                                        $sizesId = [];
                                        foreach($productSizes as $s){
                                            array_push($sizesId,
$s['size_id']);

                                        }
                                    ?> -->

                                    <h4>Available sizes:</h4>
                                    <div class="sizes">

                                    </div>
                                    <div class="form-group">
                                        <p class="text-success"></p>
                                        <label for="addSizeDdl">Add size for
Product</label>

                                        <select class="form-control"
id="addSizeDdl">
                                            <?php foreach($allSizes as
$size):?>
                                                <option value="<?php echo
$size['size_id']?>"><?php echo $size['size']?></option>
                                            <?php
endforeach;?>
                                        </select>
                                    </div>
```

```html
                            <div class="form-group">
                                <a href="" id="addSizeBtn" class="btn
btn-primary">Add size</a>
                            </div>

                        </form>

                        <form class="form-spec">
                            <?php
                                global $conn;
                                $productSpec = $conn->prepare("SELECT
* FROM product_specification WHERE prod_id=:id");
                                $productSpec->bindParam(":id",
$_GET['id']);

                                $productSpec->execute();
                                $productSpec = $productSpec-
>fetchAll(PDO::FETCH_ASSOC);

                            ?>
                        <div class="form-group">
                            <h4 for="exampleInputEmail1"><strong>Add
Specifications</strong></h4>
                            <div class="success-spec"></div>
                            <div class="specification-container">
                                <!-- <div class="spec mb-3 d-flex
align-items-center">

                                    <h5 class="my-0 mx-2">Colour</h5>
                                    <input type="text" id="spec-
value1" value="">

                                    <input type="button" data-
specid="1" class="specBtn ml-2 btn btn-sm btn-primary" value="Update">
                                    <input type="button" data-
specid="1" class="removeSpecBtn ml-2 btn btn-sm btn-danger"
value="Remove">

                                </div> -->


                            </div>
                            <div class="addSpecCt my-4">
                            <h5 class="my-2">Add specification</h5>

                                <select id="specDdl">
```

```php
                                           <?php foreach($allSpecification as
$spec):?>

                                           <option value="<?php echo
$spec['specification_id']?>"><?php echo $spec['specification']?></option>
                                           <?php endforeach; ?>
                                     </select>

                                     <input type="text" name=""
id="specificationValue" placeholder="Enter value">
                                     <input type="button" id="addSpec"
class="btn btn-sm btn-primary" value="Add specification">
                                  </div>

                                  <button type="submit" name="submitBtn"
class="btn btn-primary mt-3">Edit</button>
                              </div>

                        </form>
                    </div>
                <?php elseif($_GET['table']==='categories'):?>
                    <?php
                    $id = $_GET['id'];
                    $table = $_GET['table'];
                    $item = getSingleItem($id,$table, 'category_id');
                    ?>
                        <div class="card-body">
                            <div class="errors">
                                <ul>
                                    <?php
if(isset($_SESSION['user']['errors'])):?>
                                        <?php
foreach($_SESSION['user']['errors'] as $error):?>
                                            <li class="text-danger"><?php
echo $error;?></li>
                                        <?php endforeach;?>
                                    <?php endif;?>
                                </ul>
                            </div>
                            <div class="success">
                                <?php echo isset($_GET['success'])
?  "<strong class='text-success'>".$_GET['success']."</strong>" : ''?>
                            </div>
```

```php
                                    <form
action="../../models/update.php?table=categories" method="post"
onSubmit="return validateCategory()">
                                        <input type="hidden"
name="id"   value="<?php echo $_GET['id']?>">
                                        <div class="form-group">
                                            <label for="exampleInputEmail1">Edit
Category</label>
                                            <input type="text" id="category"
name='category' class="form-control" value="<?php echo
$item['category']?>">
                                        </div>
                                        <button type="submit" name="submitBtn"
class="btn btn-primary">Edit</button>
                                    </form>
                                </div>
                        <?php elseif($_GET['table']==='brands'):?>
                            <?php
                                $id = $_GET['id'];
                                $table = $_GET['table'];
                                $item = getSingleItem($id,$table, 'brand_id');
                                ?>
                                <div class="card-body">
                                    <div class="errors">
                                        <ul>
                                            <?php
if(isset($_SESSION['user']['errors'])):?>
                                                <?php
foreach($_SESSION['user']['errors'] as $error):?>
                                                    <li class="text-danger"><?php
echo $error;?></li>
                                                <?php endforeach;?>
                                            <?php endif;?>
                                        </ul>
                                    </div>
                                    <div class="success">
                                        <?php echo isset($_GET['success'])
?  "<strong class='text-success'>".$_GET['success']."</strong>" : ''?>
                                    </div>
                                    <form
action="../../models/update.php?table=brands" method="post"
onSubmit="return validateGender()">
```

```php
                                        <input type="hidden"
name="id"  value="<?php echo $_GET['id']?>">
                                        <div class="form-group">
                                            <label for="exampleInputEmail1">Add
Brand</label>

                                            <input type="text" name='brand'
id="gender" class="form-control" value="<?php echo $item['brand']?>">
                                        </div>
                                        <button type="submit" name="submitBtn"
class="btn btn-primary">Edit</button>
                                    </form>
                            </div>
                    <?php elseif($_GET['table']==='sizes'):?>
                        <?php
                        $id = $_GET['id'];
                        $table = $_GET['table'];
                        $item = getSingleItem($id,$table, 'size_id');
                        ?>
                        <div class="card-body">
                            <div class="errors">
                                <ul>
                                    <?php
if(isset($_SESSION['user']['errors'])):?>
                                        <?php
foreach($_SESSION['user']['errors'] as $error):?>
                                            <li class="text-danger"><?php echo
$error;?></li>
                                        <?php endforeach;?>
                                    <?php endif;?>
                                </ul>
                            </div>
                            <div class="success">
                                <?php echo isset($_GET['success']) ?  "<strong
class='text-success'>".$_GET['success']."</strong>" : ''?>
                            </div>
                            <form action="../../models/update.php?table=sizes"
method="post" onSubmit="return validateSizes()">
                                <input type="hidden" name="id"  value="<?php
echo $_GET['id']?>">
                                <div class="form-group">
                                    <label for="exampleInputEmail1">Edit
Size</label>
```

```php
                                    <input type="text" name='size' id="size"
class="form-control" value="<?php echo $item['size']?>">
                                </div>
                                <button type="submit" name="submitBtn"
class="btn btn-primary">Edit</button>
                            </form>
                        </div>
                    <?php elseif($_GET['table']==='specifications'):?>
                        <?php
                        $id = $_GET['id'];
                        $table = $_GET['table'];
                        $item = getSingleItem($id,$table, 'specification_id');
                        ?>
                        <div class="card-body">
                            <div class="errors">
                                <ul>
                                    <?php
if(isset($_SESSION['user']['errors'])):?>
                                        <?php
foreach($_SESSION['user']['errors'] as $error):?>
                                            <li class="text-danger"><?php echo
$error;?></li>
                                        <?php endforeach;?>
                                    <?php endif;?>
                                </ul>
                            </div>
                            <div class="success">
                                <?php echo isset($_GET['success']) ?  "<strong
class='text-success'>".$_GET['success']."</strong>" : ''?>
                            </div>
                            <form
action="../../models/update.php?table=specifications" method="post"
onSubmit="return validateSpecification()">
                                <input type="hidden" name="id"  value="<?php echo
$_GET['id']?>">
                                <div class="form-group">
                                    <label for="exampleInputEmail1">Edit
Specification</label>
                                    <input type="text" id="spec"
name='specification' class="form-control" value="<?php echo
$item['specification']?>">
                                </div>
```

```php
                        <button type="submit" name="submitBtn"
class="btn btn-primary">Edit</button>
                    </form>
                </div>
            <?php elseif($_GET['table']==='genders'):?>
                <?php
                $id = $_GET['id'];
                $table = $_GET['table'];
                $item = getSingleItem($id,$table, 'gender_id');
                ?>
                <div class="card-body">
                    <div class="errors">
                        <ul>
                            <?php
if(isset($_SESSION['user']['errors'])):?>
                                <?php
foreach($_SESSION['user']['errors'] as $error):?>
                                    <li class="text-danger"><?php echo
$error;?></li>
                                <?php endforeach;?>
                            <?php endif;?>
                        </ul>
                    </div>
                    <div class="success">
                        <?php echo isset($_GET['success']) ?  "<strong
class='text-success'>".$_GET['success']."</strong>" : ''?>
                    </div>
                    <form
action="../../models/update.php?table=genders" method="post"
onSubmit="return validateGender()">
                        <input type="hidden" name="id"  value="<?php
echo $_GET['id']?>">
                        <div class="form-group">
                            <label
for="exampleInputEmail1">Gender</label>
                            <input type="text" id="gender"
name='gender' class="form-control" value="<?php echo $item['gender']?>">
                        </div>
                        <button type="submit" name="submitBtn"
class="btn btn-primary">Edit</button>
                    </form>
                </div>
            <?php elseif($_GET['table']==='roles'):?>
```

```php
                        <?php
                        $id = $_GET['id'];
                        $table = $_GET['table'];
                        $item = getSingleItem($id,$table, 'role_id');
                        ?>
                        <div class="card-body">
                            <div class="errors">
                                <ul>
                                    <?php
if(isset($_SESSION['user']['errors'])):?>
                                        <?php
foreach($_SESSION['user']['errors'] as $error):?>
                                            <li class="text-danger"><?php echo
$error;?></li>
                                        <?php endforeach;?>
                                    <?php endif;?>
                                </ul>
                            </div>
                            <div class="success">
                                <?php echo isset($_GET['success']) ?  "<strong
class='text-success'>".$_GET['success']."</strong>" : ''?>
                            </div>
                            <form action="../../models/update.php?table=roles"
method="post" onSubmit="return validateRole()">
                                <input type="hidden" name="id"  value="<?php
echo $_GET['id']?>">
                                <div class="form-group">
                                    <label
for="exampleInputEmail1">Role</label>
                                    <input type="text" id="role" name='roles'
class="form-control" value="<?php echo $item['role']?>">
                                </div>
                                <button type="submit" name="submitBtn"
class="btn btn-primary">Edit</button>
                            </form>
                        </div>
                    <?php elseif($_GET['table']==='users'):?>
                        <?php
                        $id = $_GET['id'];
                        $table = $_GET['table'];
                        $item = getSingleItem($id,$table, 'user_id');
                        ?>
                        <div class="card-body">
```

```php
                          <div class="errors">
                              <ul>
                                  <?php
if(isset($_SESSION['user']['errors'])):?>
                                      <?php
foreach($_SESSION['user']['errors'] as $error):?>
                                          <li class="text-danger"><?php echo
$error;?></li>
                                      <?php endforeach;?>
                                  <?php endif;?>
                              </ul>
                          </div>
                          <div class="success">
                              <?php echo isset($_GET['success']) ?  "<strong
class='text-success'>".$_GET['success']."</strong>" : ''?>
                          </div>
                          <form action="../../models/update.php?table=users"
method="post" onSubmit="return validateUser()">
                                  <input type="hidden" name="id" value="<?php
echo $_GET['id']?>">
                                  <div class="form-group">
                                      <label for="exampleInputEmail1">First
Name</label>
                                      <input type="text" name='fName' id="fName"
class="form-control" value="<?php echo $item['first_name']?>">
                                  </div>
                                  <div class="form-group">
                                      <label for="exampleInputEmail1">Last
Name</label>
                                      <input type="text" name='LName' id="lName"
class="form-control" value="<?php echo $item['last_name']?>")">
                                  </div>
                                  <div class="form-group">
                                      <label
for="exampleInputEmail1">Email</label>
                                      <input type="text" name='email' id="email"
class="form-control" value="<?php echo $item['email']?>")">
                                  </div>
                                  <div class="form-group">
                                      <label
for="exampleInputEmail1">Password</label>
                                      <input type="password" id="password"
name='password' class="form-control" placeholder="enter new password">
```

```php
                                        </div>
                                        <div class="form-group">
                                            <label
for="exampleInputEmail1">Role</label>
                                                <select name="role" id="role"
class="form-control">
                                                    <option value="0">Choose
Role</option>
                                                    <?php foreach($allRoles as
$role):?>
                                                        <option <?php
if($role['role_id']==$item['role_id']) echo "selected"  ?> value="<?php
echo $role['role_id']?>"><?php echo $role['role']?></option>
                                                    <?php endforeach;?>
                                                </select>
                                        </div>
                                        <div class="form-group">
                                            <label
for="exampleInputEmail1">Blocked</label>
                                                <select name="blockOption" id="role"
class="form-control">
                                                    <option value="0" <?php
if($item['is_blocked']==0) echo 'selected'; ?>>Legit</option>
                                                    <option value="1" <?php
if($item['is_blocked']==1) echo 'selected'; ?>>Blocked</option>
                                                </select>
                                        </div>
                                        <button type="submit" name="submitBtn"
class="btn btn-primary">Edit</button>
                                    </form>
                                </div>
                    <?php elseif($_GET['table']==='discounts'):?>
                            <?php
                            $id = $_GET['id'];
                            $table = $_GET['table'];
                            $item = getSingleItem($id,$table,'discount_id');
                            ?>
                    <div class="card-body">
                        <div class="errors">
                            <ul>
                                <?php
if(isset($_SESSION['user']['errors'])):?>
```

```php
                                        <?php
foreach($_SESSION['user']['errors'] as $error):?>
                                            <li class="text-danger"><?php echo
$error;?></li>
                                        <?php endforeach;?>
                                    <?php endif;?>
                                </ul>
                            </div>
                            <div class="success">
                                <?php echo isset($_GET['success']) ?  "<strong
class='text-success'>".$_GET['success']."</strong>" : ''?>
                            </div>
                            <form
action="../../models/update.php?table=discounts" method="post"
onSubmit="return validateDiscount()">
                                <input type="hidden" name="id" value="<?php
echo $_GET['id']?>">
                                <div class="form-group">
                                    <label
for="exampleInputEmail1">Percentage</label>
                                    <input type="text" id="discount"
name='percentage' class="form-control" value="<?php echo
$item['percentage']?>">
                                </div>
                                <button type="submit" name="submitBtn"
class="btn btn-primary">Edit</button>
                            </form>
                        </div>
                    <?php endif;?>
                </div>
            </div>
        </div>
</div>
    <!-- main-panel ends -->
```

Views/adminpanel/partials/list.php

```php
<!--POPRAVITI OVAJ IF-->
<?php if($_GET['type']==='products' || $_GET['type']==='categories' ||
$_GET['type']==='brands' || $_GET['type']==='discounts' ||
$_GET['type']==='sizes' || $_GET['type']==='specifications' ||
```

```php
$_GET['type']==='genders' || $_GET['type']==='users' ||
$_GET['type']==='roles'):?>
    <div class="main-panel">
        <div class="content-wrapper">
            <div class="row">
                <div class="col-lg-12 grid-margin stretch-card">
                    <div class="card">
                        <div class="card-body">
                            <h4 class="card-title">Bordered table</h4>
                            <div class="btn-container">
                                <a href="admin.php?page=additem&table=<?php echo
$_GET['type']?>" class='btn btn-primary'>Add <?php echo
$_GET['type']?></a>
                            </div>
                            <div class="table-responsive pt-3">

                            </div>
                        </div>
                    </div>
                </div>
            </div>


        </div>
    </div>
</div>

<?php endif;?>
```

Views/adminpanel/partials/nav.php

```php
<nav class="navbar col-lg-12 col-12 p-0 fixed-top d-flex flex-row">
      <div class="text-center navbar-brand-wrapper d-flex align-items-
center justify-content-center">
        <a class="navbar-brand brand-logo mr-5" href="index.html"><img
src="images/logo.svg" class="mr-2" alt="logo"/></a>
        <a class="navbar-brand brand-logo-mini" href="index.html"><img
src="images/logo-mini.svg" alt="logo"/></a>
      </div>
      <div class="navbar-menu-wrapper d-flex align-items-center justify-
content-end">
        <button class="navbar-toggler navbar-toggler align-self-center"
type="button" data-toggle="minimize">
          <span class="icon-menu"></span>
```

```html
        </button>
        <ul class="navbar-nav mr-lg-2">
          <li class="nav-item nav-search d-none d-lg-block">
            <div class="input-group">
              <div class="input-group-prepend hover-cursor" id="navbar-
search-icon">
                <span class="input-group-text" id="search">
                  <i class="icon-search"></i>
                </span>
              </div>
              <input type="text" class="form-control" id="navbar-search-
input" placeholder="Search now" aria-label="search" aria-
describedby="search">
            </div>
          </li>
        </ul>
        <ul class="navbar-nav navbar-nav-right">
          <li class="nav-item nav-profile dropdown">
            <a class="nav-link dropdown-toggle" href="#" data-
toggle="dropdown" id="profileDropdown">
              <?php if(isset($_SESSION['user']['profile_img'])):?>
                <img class="profileImg"
src="../../assets/userImages/<?=$_SESSION['user']['profile_img']?>"
alt="profile"/>
              <?php else:?>
                <img class="profileImg"
src="../../assets/userImages/man.png" alt="profile"/>
              <?php endif?>
            </a>
            <div class="dropdown-menu dropdown-menu-right navbar-dropdown"
aria-labelledby="profileDropdown">
              <a href="../../models/RegistrationLogic/logout.php"
class="dropdown-item">
                <i class="ti-power-off text-primary"></i>
                Logout
              </a>
            </div>
          </li>
        </ul>
        <button class="navbar-toggler navbar-toggler-right d-lg-none
align-self-center" type="button" data-toggle="offcanvas">
          <span class="icon-menu"></span>
        </button>
```

```
        </div>
    </nav>
```

Views/adminpanel/partials/products.php

```html
<div class="main-panel">
        <div class="content-wrapper">
          <div class="row">
            <div class="col-lg-12 grid-margin stretch-card">
              <div class="card">
                <div class="card-body">
                  <h4 class="card-title">Bordered table</h4>
                  <div class="btn-container">
                    <a href="admin.php?page=addProduct" class='btn btn-
primary'>Add product</a>
                  </div>
                  <div class="table-responsive pt-3">
                    <table class="table table-bordered">
                      <thead>
                        <tr>
                          <th>
                            #
                          </th>
                          <th>
                            Image
                          </th>
                          <th>
                            Product Name
                          </th>
                          <th>
                            Brand
                          </th>
                          <th>
                            Category
                          </th>
                          <th>
                            Price
                          </th>
                          <th>
                            Discount
                          </th>
                          <th>
                            Edit
```

```
                        </th>
                        <th>
                          Remove
                        </th>
                      </tr>
                    </thead>
                    <tbody class="productTable">


                    </tbody>
                  </table>
                </div>
              </div>
            </div>
          </div>


        </div>
      </div>
</div>
      <!-- main-panel ends -->
```

Views/adminpanel/partials/sidebar.php

```
<nav class="sidebar sidebar-offcanvas" id="sidebar">
      <ul class="nav">
      <li class="nav-item">
        <a class="nav-link" href="../../index.php">
          <i class="icon-grid menu-icon"></i>
          <span class="menu-title">Home Page</span>
        </a>
      </li>
        <li class="nav-item">
          <a class="nav-link" href="admin.php">
            <i class="icon-grid menu-icon"></i>
            <span class="menu-title">Dashboard</span>
          </a>
        </li>
        <li class="nav-item">
          <a class="nav-link" data-toggle="collapse" href="#tables"
aria-expanded="false" aria-controls="tables">
```

```html
            <i class="icon-grid-2 menu-icon"></i>
            <span class="menu-title mr-2">Product Tables</span>
            <i class="menu-arrow"></i>
        </a>
        <div class="collapse" id="tables">
          <ul class="nav flex-column sub-menu">
            <li class="nav-item"> <a class="nav-link"
href="admin.php?page=list&type=products">Products</a></li>
            <li class="nav-item"> <a class="nav-link"
href="admin.php?page=list&type=categories">Categories</a></li>
            <li class="nav-item"> <a class="nav-link"
href="admin.php?page=list&type=brands">Brands</a></li>
            <li class="nav-item"> <a class="nav-link"
href="admin.php?page=list&type=discounts">Discounts</a></li>
            <li class="nav-item"> <a class="nav-link"
href="admin.php?page=list&type=sizes">Sizes</a></li>
            <li class="nav-item"> <a class="nav-link"
href="admin.php?page=list&type=specifications">Specifications</a></li>
            <li class="nav-item"> <a class="nav-link"
href="admin.php?page=list&type=genders">Genders</a></li>


          </ul>
        </div>
      </li>
      <li class="nav-item">
        <a class="nav-link" data-toggle="collapse" href="#auth" aria-
expanded="false" aria-controls="auth">
          <i class="icon-head menu-icon"></i>
          <span class="menu-title mr-2">User Tables</span>
          <i class="menu-arrow"></i>
        </a>
        <div class="collapse" id="auth">
          <ul class="nav flex-column sub-menu">
          <li class="nav-item"> <a class="nav-link"
href="admin.php?page=list&type=users">Users</a></li>
            <li class="nav-item"> <a class="nav-link"
href="admin.php?page=list&type=roles">Roles</a></li>


          </ul>
        </div>
      </li>
```

```
        </ul>
    </nav>
```

Models/delete.php

```php
<?php

    include 'functions.php';
    include '../config/connection.php';
    header('Content-type: application/json');
    //ELEMENTS FOR HIDING

    if($_SERVER['REQUEST_METHOD']=="POST"){

        try{



            $id = $_POST['id'];
            $idName = $_POST['idName'];
            $table = $_POST['table'];
            $hiddenItems = ['products', 'categories', 'brands',
'discounts'];
            if (in_array($table, $hiddenItems))
            {
                global $conn;
                $update = $conn->prepare("UPDATE $table SET is_deleted=1
WHERE $idName=:id");
                $update->bindParam(':id', $id);
                $update->execute();

            }
            else {
                global $conn;
                $remove = $conn->prepare("DELETE FROM $table WHERE
$idName=:id");
                $remove->bindParam(':id', $id);
                $remove->execute();


            }
```

```php
            http_response_code(204);
            echo json_encode('success');

        } catch(PDOException $e) {
            http_response_code(500);

            echo json_encode("Error with database connection");

        }
    } else {

        echo json_encode('You dont have permission for this page');
        http_response_code(401);
    }
```

Models/filter-sort-products.php

```php
<?php
    header("content-type: appliation/json");
    include '../config/connection.php';

    if($_SERVER['REQUEST_METHOD']=="POST"){
        global $conn;
        $upit = 'SELECT * FROM products prod INNER JOIN prices price ON
prod.product_id = price.product_id INNER JOIN discounts d ON
price.discount_id=d.discount_id INNER JOIN categories c ON
prod.category_id = c.category_id INNER JOIN brands b ON prod.brand_id =
b.brand_id WHERE prod.is_deleted=0';

        if(isset($_POST['categories']) && $_POST['categories']!='') {
            $upit.= " AND prod.category_id IN ('".implode("','",
$_POST['categories'])."')";
        }
        if(isset($_POST['brands']) && $_POST['brands']!='') {
            $upit.= " AND prod.brand_id IN ('".implode("','",
$_POST['brands'])."')";
        }
        if(isset($_POST['genders']) && $_POST['genders']!='') {
            $upit.= " AND prod.gender_id IN ('".implode("','",
$_POST['genders'])."')";
        }
        if(isset($_POST['search']) && $_POST['search']!='') {
            $upit .= " AND prod.name LIKE('%".$_POST['search']."%')";
```

```php
        }
        if(isset($_POST['sort']) && $_POST['sort']!='') {
            if($_POST['sort']=='asc'){
                $upit.= " ORDER BY (price.price - (price.price *
d.percentage) / 100) ASC";
            }
            if($_POST['sort']=='desc'){
                $upit.= " ORDER BY (price.price - (price.price *
d.percentage) / 100) DESC";
            }
            if($_POST['sort']=='newest'){
                $upit.= " ORDER BY prod.created_at DESC";
            }
        }

        //Number of products
        $products = $conn->prepare($upit);
        $products->execute();
        $products = $products->fetchAll(PDO::FETCH_ASSOC);
        $finallNumber = count($products);

        $showPerPage = isset($_POST['showPerPage']) ?
$_POST['showPerPage'] : 6;
        $page = $_POST['page'];
        $page = $page*$showPerPage;
        $upit.= " LIMIT $page, $showPerPage";

        $products = $conn->prepare($upit);
        $products->execute();
        $products = $products->fetchAll(PDO::FETCH_ASSOC);

        $data = array(
            'products' => $products,
            'number' => $finallNumber
        );

        if($products){
            echo json_encode($data);
            http_response_code(200);
        } else {
            echo json_encode("Sorry, we currently do not have this
product.");
            http_response_code(204);
```

```php
        }
    }else {

        echo json_encode('You dont have permission for this page');
        http_response_code(401);
        redirect("location: ../index.php");
    }
```

Models/functions.php

```php
<?php
// include '../config/connection.php';

function getNavLinks(){
    global $conn;
    $nav = $conn->prepare("SELECT * FROM navigation");
    $nav->execute();
    $nav = $nav->fetchAll(PDO::FETCH_ASSOC);
    return $nav;
}

function checkFieldWithRegex($field, $regex){

    if(!preg_match($regex, $field)) {
        return false;
    } else {
        return true;
    }

}

function selectOperation($table) {
    global $conn;
    $select = $conn->prepare("SELECT * FROM $table");
    $select->execute();
    $select = $select->fetchAll(PDO::FETCH_ASSOC);
    return $select;
}

function redirect($page) {
    header('Location: $page');
}
```

```php
function checkSession() {
    session_start();
    if(!isset($_SESSION['user'])) {
        header('location: ../index.php');
    }
}

function getSingleProduct($id) {
    global $conn;
    $singleProduct = $conn->prepare("SELECT * FROM products prod INNER
JOIN prices price ON prod.product_id = price.product_id INNER JOIN
discounts d ON price.discount_id=d.discount_id INNER JOIN categories c ON
prod.category_id = c.category_id INNER JOIN brands b ON prod.brand_id =
b.brand_id INNER JOIN product_inventory pi ON prod.product_id =
pi.product_id WHERE prod.product_id=:id");
    $singleProduct->bindParam(":id", $id);
    $singleProduct->execute();
    $singleProduct = $singleProduct->fetch(PDO::FETCH_ASSOC);
    return $singleProduct;
}

function getItems($item, $id = null){
    global $conn;
    if($id!==null){
        $allItems = $conn->prepare("SELECT * FROM $item WHERE
product_id=:id");
        $allItems->bindParam(":id", $id);
        $allItems->execute();
        $allItems = $allItems->fetchAll(PDO::FETCH_ASSOC);
        return $allItems;
    }
    $hiddenItems = ['products', 'categories', 'brands', 'discounts'];
    if (in_array($item, $hiddenItems))
    {
        $allItems = $conn->prepare("SELECT * FROM $item WHERE
is_deleted=0");
        $allItems->execute();
        $allItems = $allItems->fetchAll(PDO::FETCH_ASSOC);
        return $allItems;
    } else {
        $allItems = $conn->prepare("SELECT * FROM $item");
        $allItems->execute();
```

```php
        $allItems = $allItems->fetchAll(PDO::FETCH_ASSOC);
        return $allItems;
    }

}
function getProductSizes($id){
    global $conn;
        $allItems = $conn->prepare("SELECT * FROM sizes s INNER JOIN
product_size ps ON s.size_id = ps.size_id WHERE ps.product_id=:id");
        $allItems->bindParam(":id", $id);
        $allItems->execute();
        $allItems = $allItems->fetchAll(PDO::FETCH_ASSOC);
        return $allItems;


}

function getSingleItem($id, $table, $table_id) {
    if($table=='users') {
        global $conn;
        $singleItem = $conn->prepare("SELECT * FROM users u INNER JOIN
roles r ON u.role_id=r.role_id WHERE $table_id=:id");
        $singleItem->bindParam(':id', $id);
        $singleItem->execute();
        $singleItem = $singleItem->fetch(PDO::FETCH_ASSOC);
        return $singleItem;
    } else {
        global $conn;
    $singleItem = $conn->prepare("SELECT * FROM $table WHERE
$table_id=:id");
    $singleItem->bindParam(':id', $id);
    $singleItem->execute();
    $singleItem = $singleItem->fetch(PDO::FETCH_ASSOC);
    return $singleItem;
    }

}

function getAllSpecifications($productId){
    global $conn;
    $allSpecs = $conn->prepare("SELECT * FROM specifications s INNER JOIN
product_specification ps ON s.specification_id = ps.spec_id WHERE
ps.prod_id=:id");
```

```php
    $allSpecs->bindParam(":id", $productId);
    $allSpecs->execute();
    $allSpecs = $allSpecs->fetchAll(PDO::FETCH_ASSOC);
    return $allSpecs;
}
function insert($params, $table, $data) {
    global $conn;
    $coloumNames = array_keys($data);
    $coloumnNamesString = implode(", ",$coloumNames);

    $values = array_values($data);

    $param = explode(",", $params);
    try {

        $insert = $conn->prepare("INSERT INTO $table ($coloumnNamesString)
VALUES ($params)");

        foreach($param as $key => $value) {
            $insert->bindParam("$value", $values[$key]);
        }
        $insert->execute();
        http_response_code(204);
        header("Location:
../views/adminPanel/admin.php?page=additem&table=$table&success=Success");
        unset($_SESSION["user"]['errors']);

    }catch(PDOException $e){
        echo 'Nesto nije u redu';
    }
}

function update($table, $id, $data, $idColoum) {
    try{
        $updateParams='';
        $interations =  count($data);
        $i = 0;
        foreach($data as $key => $value) {
            $updateParams .= "$key=:$key";
            $i++;
            if($i<$interations) $updateParams .=', ';
        }
        global $conn;
```

```php
        $update = $conn->prepare("UPDATE $table SET $updateParams WHERE
$idColoum=$id");
        foreach($data as $key => $value) {
            $update->bindParam(":$key", $value);
        }
        $update->execute();
        http_response_code(204);
        header("Location:
../views/adminPanel/admin.php?page=edit&table=$table&id=$id&success=Succes
s");
    } catch(PDOException $e){
        echo $e;
    }

}

function issetVariable($name) {
    if(isset($name)) {
        return true;
    }
    return false;
}

function getUserCartId($user_id) {
    global $conn;
    $cart_id = $conn->prepare("SELECT cart_id FROM cart WHERE
user_id=:user_id AND is_purchased=0");
    $cart_id->bindParam(":user_id", $user_id);
    $cart_id->execute();
    $cart_id = $cart_id->fetch(PDO::FETCH_ASSOC);
    return $cart_id;
}

function newestProducts(){
    global $conn;
    $allProducts = $conn->prepare("SELECT * FROM products prod INNER JOIN
prices price ON prod.product_id = price.product_id INNER JOIN discounts d
ON price.discount_id=d.discount_id INNER JOIN categories c ON
prod.category_id = c.category_id INNER JOIN brands b ON prod.brand_id =
b.brand_id WHERE prod.is_deleted=0 ORDER BY prod.created_at DESC LIMIT 0,
8");
    $allProducts->execute();
    $allProducts = $allProducts->fetchAll(PDO::FETCH_ASSOC);
```

```php
    return $allProducts;
}

function topDiscountProducts(){
    global $conn;
    $allProducts = $conn->prepare("SELECT * FROM products prod INNER JOIN
prices price ON prod.product_id = price.product_id INNER JOIN discounts d
ON price.discount_id=d.discount_id INNER JOIN categories c ON
prod.category_id = c.category_id INNER JOIN brands b ON prod.brand_id =
b.brand_id WHERE prod.is_deleted=0 ORDER BY d.percentage DESC LIMIT 0,
8");
    $allProducts->execute();
    $allProducts = $allProducts->fetchAll(PDO::FETCH_ASSOC);
    return $allProducts;
}


// function getAllFromCart($user_id){
//     global $conn;
//     $allItems = $conn->prepare("SELECT * FROM cart c INNER JOIN
products p ON c.product_id=p.product_id INNER JOIN sizes s ON
c.size_id=s.size_id INNER JOIN prices pr ON p.product_id=pr.product_id
INNER JOIN discounts d ON d.discount_id=pr.discount_id WHERE
c.user_id=:id");
//     $allItems->bindParam(":id", $user_id);
//     $allItems->execute();
//     $allItems = $allItems->fetchAll(PDO::FETCH_ASSOC);
//     return $allItems;
// }
```

Models/getAllitems.php

```php
<?php
    include 'functions.php';
    include '../config/connection.php';

    if($_SERVER['REQUEST_METHOD']==="GET") {
        if(isset($_GET['item']) && $_GET['item'] === 'product') {
            global $conn;
            $upit = '';
            if(isset($_GET['limit'])){
                $upit = 'SELECT * FROM products prod INNER JOIN prices
price ON prod.product_id = price.product_id INNER JOIN discounts d ON
```

```php
price.discount_id=d.discount_id INNER JOIN categories c ON
prod.category_id = c.category_id INNER JOIN brands b ON prod.brand_id =
b.brand_id WHERE prod.is_deleted=0 LIMIT 0, 6';
            } else {
                $upit = "SELECT * FROM products prod INNER JOIN prices
price ON prod.product_id = price.product_id INNER JOIN discounts d ON
price.discount_id=d.discount_id INNER JOIN categories c ON
prod.category_id = c.category_id INNER JOIN brands b ON prod.brand_id =
b.brand_id WHERE prod.is_deleted=0";
            }
            $allProducts = $conn->prepare($upit);
            $allProducts->execute();
            $allProducts = $allProducts->fetchAll(PDO::FETCH_ASSOC);
            echo json_encode($allProducts);
            http_response_code(200);
        }else if(isset($_GET['item']) && $_GET['item'] === 'users'){
            global $conn;
            $allusers = $conn->prepare("SELECT * FROM users u INNER JOIN
roles r ON u.role_id = r.role_id");
            $allusers->execute();
            $allusers=$allusers->fetchAll(PDO::FETCH_ASSOC);
            echo json_encode($allusers);
            http_response_code(200);
        }else if(isset($_GET['item']) && $_GET['item'] === 'discounts'){
            global $conn;
            $allDiscounts = $conn->prepare("SELECT * FROM  discounts WHERE
is_deleted = 0");
            $allDiscounts->execute();
            $allDiscounts=$allDiscounts->fetchAll(PDO::FETCH_ASSOC);
            echo json_encode($allDiscounts);
            http_response_code(200);
        }else if (isset($_GET['item']) && $_GET['item'] ===
'product_size'){
            global $conn;
            $id = $_GET['id'];
            $allPsizes = $conn->prepare("SELECT * FROM product_size ps
INNER JOIN sizes s ON ps.size_id=s.size_id WHERE product_id = $id");
            $allPsizes->execute();
            $allPsizes=$allPsizes->fetchAll(PDO::FETCH_ASSOC);
            echo json_encode($allPsizes);
            http_response_code(200);
        }else if(isset($_GET['item']) && $_GET['item'] ===
'product_specification'){
```

```php
            global $conn;
            $id = $_GET['id'];
            $allPspecifications = $conn->prepare("SELECT * FROM
product_specification ps INNER JOIN specifications s ON
ps.spec_id=s.specification_id WHERE prod_id = $id");
            $allPspecifications->execute();
            $allPspecifications=$allPspecifications-
>fetchAll(PDO::FETCH_ASSOC);
            echo json_encode($allPspecifications);
            http_response_code(200);
        }else if(isset($_GET['item']) && $_GET['item'] === 'images'){
            try{
                $item = $_GET['item'];
                $id = $_GET['id'];
                $data = getItems($item, $id);
                echo json_encode($data);
                http_response_code(200);
              } catch(Exception $e){echo 'nesto nije u redu';}
        }else if(isset($_GET['item']) && $_GET['item'] === 'cart'){
            try{
                global $conn;
                $user_id = $_GET['id'];
                $allCartItems = $conn->prepare("SELECT  c.cart_id,
mainImg, p.product_id, p.name,price_id, percentage, price, s.size_id,
size, pi.quantity as lagetQty, ci.quantity as quantity, ci.cart_item_id
FROM cart c INNER JOIN cart_item ci ON c.cart_id = ci.cart_id INNER JOIN
products p ON ci.product_id=p.product_id INNER JOIN sizes s ON
ci.size_id=s.size_id INNER JOIN prices pr ON p.product_id=pr.product_id
INNER JOIN discounts d ON d.discount_id=pr.discount_id INNER JOIN
product_inventory pi ON p.product_id=pi.product_id WHERE c.user_id=:id AND
c.is_purchased=0");
                $allCartItems->bindParam(":id", $user_id);
                $allCartItems->execute();
                $allCartItems = $allCartItems->fetchAll(PDO::FETCH_ASSOC);
                echo json_encode($allCartItems);
                http_response_code(200);
            }catch(PDOException $e){
                http_response_code(500);

                 echo json_encode("Error with database connection");
            }
```

```php
        }else {
            try{
             $item = $_GET['item'];
             $data = getItems($item);
             echo json_encode($data);
             http_response_code(200);
            } catch(Exception $e){echo 'nesto nije u redu';}
         }
     } else {
        redirect('../index.php');
     }
```

Models/insert.php

```php
<?php
    include 'functions.php';
    include '../config/connection.php';
    header('Content-Type: application/JSON');
    session_start();
    if($_SERVER['REQUEST_METHOD']=="POST") {
        if(isset($_GET['table']) && $_GET['table']=='users'){

            //DATA
            $firstName = $_POST['fName'];
            $lastName = $_POST['LName'];
            $pass = $_POST['password'];
            $email =$_POST['email'];
            $role = $_POST['role'];

            //VALIDATION
            $allErrors = [];
            $errors = 0;

            $mailRegex = '/^[A-Za-z0-9._-]+@[A-Za-z0-9.-]+.[A-Za-
z]{2,}$/';
            $passwordRegex = '/^(?=.*[a-zA-Z])(?=.*\d)(?=.*[!@#$%^&*()_-
])[A-Za-z\d!@#$%^&*()_-]{8,}$/';

            if(empty($firstName) || strlen($firstName)<2){
                $errors++;
                $allErrors[] = 'First Name is required and must be at
least 2 characters long';
            }
```

```php
            if(empty($lastName) || strlen($lastName)<2){
                $errors;
                $allErrors[] = 'Last Name is required and must be at least
2 characters long';
            }
            if(!preg_match($mailRegex, $email)) {
                $errors++;
                $allErrors[]='Incorect email address!
example(user@gmail.com)';
            }
            if(!preg_match($passwordRegex, $pass)) {
                $errors++;
                $allErrors[]='Invalid password! Must be at least 8
characters long. At least one uppercase letter, one lowercase letter, one
number, and one special character';
            }
            if($role==0) {
                $errors++;
                $allErrors[] = 'Select user role';
            }

            if($errors>0){
                $_SESSION['user']['errors'] = $allErrors;
                header('Location:
../views/adminPanel/admin.php?page=additem&table=users');
            } else {
                $pass = md5($pass);
                $data = array(
                    'first_name' => $firstName,
                    'last_name' => $lastName,
                    'email' => $email,
                    'password' => $pass,
                    'role_id' => $role,
                );
                $params=":first_name,:last_name,:email,:password,:role_id"
;
                $table = "users";
                insert($params, $table, $data);
            }

        }else if(isset($_GET['table']) && $_GET['table']=='categories'){
            $category = $_POST['category'];
            $errors = 0;
```

```php
        $allErrors = [];

        if(empty($category)) {
            $errors++;
            $allErrors[]= "Category input is required";
        }
        if($errors>0) {
            $_SESSION['user']['errors'] = $allErrors;
            header('Location:
../views/adminPanel/admin.php?page=additem&table=categories');
        } else {
            $data = array(
                'category' => $category
            );
            $params = ':category';
            $table = 'categories';
            insert($params, $table, $data);
            header('Location:
../views/adminPanel/admin.php?page=list&type=categories');
        }
    }else if(isset($_GET['table']) && $_GET['table']=='brands'){
        $brands = $_POST['brand'];
        $errors = 0;
        $allErrors = [];

        if(empty($brands)) {
            $errors++;
            $allErrors[]= "Brands input is required";
        }
        if($errors>0) {
            $_SESSION['user']['errors'] = $allErrors;
            header('Location:
../views/adminPanel/admin.php?page=additem&table=brands');
        } else {
            $data = array(
                'brand' => $brands
            );
            $params = ':brand';
            $table = 'brands';
            insert($params, $table, $data);

        }
```

```php
        }else if(isset($_GET['table']) && $_GET['table']=='discounts'){
            $percentage = $_POST['percentage'];
            $errors = 0;
            $allErrors = [];
            if(empty($percentage)) {
                $errors++;
                $allErrors[]= "Percentage is required";
            }
            if($errors>0) {
                $_SESSION['user']['errors'] = $allErrors;
                header('Location:
../views/adminPanel/admin.php?page=additem&table=discounts');
            } else {
                $data = array(
                    'percentage' => $percentage
                );
                $params = ':percentage';
                $table = 'discounts';
                insert($params, $table, $data);
            }
        }else if(isset($_GET['table']) && $_GET['table']=='sizes'){
            $size = $_POST['size'];
            $errors = 0;
            $allErrors = [];

            if(empty($size)) {
                $errors++;
                $allErrors[]= "Size input is required";
            }
            if($errors>0) {
                $_SESSION['user']['errors'] = $allErrors;
                header('Location:
../views/adminPanel/admin.php?page=additem&table=sizes');
            } else {
                $data = array(
                    'size' => $size
                );
                $params = ':size';
                $table = 'sizes';
                insert($params, $table, $data);
            }
```

```php
        }else if(isset($_GET['table']) &&
$_GET['table']=='specifications'){
            $spec = $_POST['specification'];
            $errors = 0;
            $allErrors = [];

            if(empty($spec)) {
                $errors++;
                $allErrors[]= "Specification input is required";
            }
            if($errors>0) {
                $_SESSION['user']['errors'] = $allErrors;
                header('Location:
../views/adminPanel/admin.php?page=additem&table=specifications');
            } else {
                $data = array(
                    'specification' => $spec
                );
                $params = ':specification';
                $table = 'specifications';
                insert($params, $table, $data);
            }
        }else if(isset($_GET['table']) && $_GET['table']=='genders'){
            $gender = $_POST['gender'];
            $errors = 0;
            $allErrors = [];

            if(empty($gender)) {
                $errors++;
                $allErrors[]= "Gender input is required";
            }
            if($errors>0) {
                $_SESSION['user']['errors'] = $allErrors;
                header('Location:
../views/adminPanel/admin.php?page=additem&table=genders');
            } else {
                $data = array(
                    'gender' => $gender
                );
                $params = ':gender';
                $table = 'genders';
                insert($params, $table, $data);
            }
```

```php
        }else if(isset($_GET['table']) && $_GET['table']=='roles'){
            $roles = $_POST['roles'];
            $errors = 0;
            $allErrors = [];

            if(empty($roles)) {
                $errors++;
                $allErrors[]= "Role input is required";
            }
            if($errors>0) {
                $_SESSION['user']['errors'] = $allErrors;
                header('Location:
../views/adminPanel/admin.php?page=additem&table=roles');
            } else {
                $data = array(
                    'role' => $roles
                );
                $params = ':role';
                $table = 'roles';
                insert($params, $table, $data);
            }
        }else if(isset($_GET['table']) && $_GET['table']=='product_size'){
            $sizeId = $_POST['size_id'];
            $productId = $_POST['product_id'];
            $errors = 0;
            $allErrors = [];

            if(empty($sizeId)) {
                $errors++;
                $allErrors[]= "size input is required";
            }
            if(empty($productId)) {
                $errors++;
                $allErrors[]= "product input is required";
            }
            if($errors>0) {
                $_SESSION['user']['errors'] = $allErrors;
                header('Location:
../views/adminPanel/admin.php?page=additem&table=roles');
            } else {
                $data = array(
                    'size_id' => $sizeId,
                    'product_id' => $productId
```

```php
            );
            $params = ':size_id,:product_id';
            $table = 'product_size';
            insert($params, $table, $data);
            echo json_encode('Success');
            http_response_code(201);


        }
    }else if(isset($_GET['table']) &&
$_GET['table']=='product_specification'){
        $spec_id = $_POST['spec_id'];
        $value = $_POST['value'];
        $prod_id = $_POST['prod_id'];
        $errors = 0;
        $allErrors = [];

        if(empty($spec_id)) {
            $errors++;
            $allErrors[]= "specification input is required";
        }
        if(empty($value)) {
            $errors++;
            $allErrors[]= "Specification value is required";
        }
        if($errors>0) {
            $_SESSION['user']['errors'] = $allErrors;
            header('Location:
../views/adminPanel/admin.php?page=additem&table=roles');
        } else {
            $data = array(
                'spec_id' => $spec_id,
                'value' => $value,
                'prod_id' => $prod_id
            );
            $params = ':spec_id,:prod_id,:value';
            $table = 'product_specification';
            insert($params, $table, $data);
            http_response_code(201);
            echo json_encode("success");
        }
    }else if(isset($_GET['table']) && $_GET['table']=='images') {
        $images = $_FILES['imgs'];
        $id = $_GET['id'];
```

```php
            if($images["size"][0]>0) {
                for($i = 0; $i < count($_FILES['imgs']['name']); $i++) {
                    $fileName = $images['name'][$i];
                    $tmpFile = $images['tmp_name'][$i];
                    $size = $images['size'][$i];
                    $type = $images['type'][$i];


                    $newName = time()."_".$fileName;
                    $path =
"../assets/ProductImages/allProductImages/".$newName;
                    if(move_uploaded_file($tmpFile, $path)) {
                        echo 'usao';
                        $insertImage = $conn->prepare("INSERT INTO images
(src, product_id) VALUES(:src, :product_id)");
                        $insertImage->bindParam(":src", $newName);
                        $insertImage->bindParam(":product_id", $id);
                        $insertImage->execute();
                        http_response_code(204);
                        header("location:
../views/adminPanel/admin.php?page=edit&table=products&id=$id");
                    }
                }
            }else {
                header("location:
../views/adminPanel/admin.php?page=edit&table=products&id=$id");
            }
        }else if(isset($_GET['table']) && $_GET['table']=='cart') {

            $product_id = $_POST['product_id'];
            $size_id = $_POST['size_id'];
            $qty = $_POST['qty'];
            $user_id = $_POST['user_id'];

            //GET USER CART ID
            $uid = issetVariable($user_id);
            $cart_id  = getUserCartId($user_id);
            $cart_id = $cart_id['cart_id'];
            if(!$cart_id) {
                $data = array (
                    "user_id" => $user_id
                );
                $params = ':user_id';
```

```php
            $table = 'cart';

            insert($params, $table, $data);
            echo json_encode('Success');
            http_response_code(201);

            $cart_id = $conn->lastInsertId();
        }

        // INSERT INTO CART_ITEM TABLE
        $pid = issetVariable($product_id);
        $isSetQty = issetVariable($qty);
        $size = issetVariable($size_id);
        if($pid && $uid && $isSetQty && $size) {
            $data = array (
                'product_id' => $product_id,
                'size_id' => $size_id,
                'quantity' => $qty,
                'cart_id' => $cart_id,
            );
            $params = ':product_id,:cart_id,:qty,:size_id';
            $table = 'cart_item';


            insert($params, $table, $data);
            echo json_encode('Success');
            http_response_code(201);

        } else {
            header('Location: ../index.php?page=shop&error=Something
is wrong');
        }
    }else if(isset($_GET['table']) && $_GET['table']=='order') {
        //Data
        $orders = $_POST['orders'];
        $location = $_POST['location'];
        $user_id = $_POST['user_id'];
        $total = $_POST['total'];

        //Location Data
        $country = $location['country'];
        $city = $location['city'];
        $address = $location['address'];
```

```php
            global $conn;
            $insertLocation = $conn->prepare("INSERT INTO locations
(country, city, address) VALUES(:country, :city, :address)");
            $insertLocation->bindParam(":country", $country);
            $insertLocation->bindParam(":city", $city);
            $insertLocation->bindParam(":address", $address);
            if($insertLocation->execute()) {
                $location_id = $conn->lastInsertId();
                $makeOrder = $conn->prepare("INSERT INTO orders (user_id,
total) VALUES(:user_id, :total)");
                $makeOrder->bindParam(":user_id", $user_id);
                $makeOrder->bindParam(":total", $total);
                if($makeOrder->execute()){
                    $order_id = $conn->lastInsertId();
                    foreach($orders as $order) {
                        $product_id = $order['product_id'];
                        $size_id = $order['size_id'];
                        $price_id = $order['price_id'];
                        $qty = $order['qty'];
                        $cart_id = $order['cart_id'];
                        $insertProductOrder = $conn->prepare("INSERT INTO
product_order (product_id, price_id, quantity, location_id, size_id,
order_id) VALUES (:product_id, :price_id, :qty, :location_id, :size_id,
:order_id)");
                        $insertProductOrder->bindParam(":product_id",
$product_id);
                        $insertProductOrder->bindParam(":price_id",
$price_id);
                        $insertProductOrder->bindParam(":qty", $qty);
                        $insertProductOrder->bindParam(":location_id",
$location_id);
                        $insertProductOrder->bindParam(":size_id",
$size_id);
                        $insertProductOrder->bindParam(":order_id",
$order_id);
                        if($insertProductOrder->execute()){
                            //UPDATE PRODUCT QUANTITY
                            $updateProductQuantity = $conn-
>prepare("UPDATE product_inventory SET quantity = quantity - :qty WHERE
product_id =:product_id");
                            $updateProductQuantity->bindParam(":qty",
$qty);
```

```php
                                $updateProductQuantity-
>bindParam(":product_id", $product_id);

                                //UPDATE CART
                                $updateCart = $conn->prepare("UPDATE cart SET
is_purchased=1 WHERE cart_id = :cart_id");
                                $updateCart->bindParam(":cart_id", $cart_id);

                                if($updateProductQuantity->execute() &&
$updateCart->execute()){
                                        echo json_encode('success');
                                        http_response_code(204);
                                }


                        }
                    }
                }
            }


        }
    } else {
        header('location: ../index.php');
    }
```

Models/logFileFunctions.php

```php
<?php
    function insertIntoLogFile(){

        $open = fopen('data/log.txt', 'ab');
        if(isset($_SESSION['user'])) {
            $user =  $_SESSION['user'];

            $ime = $user['first_name'];
            $prezime = $user['last_name'];
            $role = $user['role_id'];
```

```php
        $role = $role === 2 ? 'Administrator' : 'User';
    }else {
        $ime = 'Unknown';
        $prezime = 'Unknown';
        $role = 'Unregistered-visitor';
    }
    $date = date("Y/m/d");
    $page = '';
    if(isset($_GET['page'])) {
        $page = $_GET['page'];
    } else {
        $page = 'home';
    }
    $string =
$ime."\t".$prezime."\t".$role."\t".$page."\t".$date."\n";
    $write = fwrite($open, $string);
    fclose($open);
}

function getAllPageViews($page){
    $otvori = file('../../data/log.txt');
    $posete = 0;
    for($i=0; $i<count($otvori); $i++){
        $singleLog = explode("\t", $otvori[$i]);
        if($singleLog[3]==$page) $posete++;
    }
    return $posete;
}
function getAllTodayPageViews($page){
    $otvori = file('../../data/log.txt', FILE_IGNORE_NEW_LINES);
    $posete = 0;
    $date = date("Y/m/d");
    for($i=0; $i<count($otvori); $i++){
        $singleLog = explode("\t", $otvori[$i]);
        if($singleLog[3]==$page && $date==$singleLog[4]) $posete++;
    }
    return $posete;
}
function visitInPercentage($page){
    $otvori = file('../../data/log.txt', FILE_IGNORE_NEW_LINES);
    $ukupanPristup = count($otvori);
    $posete = 0;
    for($i=0; $i<count($otvori); $i++){
```

```php
            $singleLog = explode("\t", $otvori[$i]);
            if($singleLog[3]==$page) $posete++;
        }

        $finallResult = (100*$posete)/$ukupanPristup;
        return number_format((float)$finallResult, 2, '.', '');
    }
    function loggedInUsers($user){
        $otvori = fopen('../data/loggedInUsers.txt', 'ab');
        $email= $user['email'];
        $date = date("Y/m/d");
        $string = $email."\t".$date."\n";
        $upis = fwrite($otvori, $string);
        fclose($otvori);
    }
    function loggedUsersCount(){
        $users = file('../../data/loggedInUsers.txt',
FILE_IGNORE_NEW_LINES);
        $date = date("Y/m/d");
        $count = 0;
        foreach($users as $user){
            $user = explode("\t", $user);
            if($user[1]==$date) $count++;
        }
        return $count;
    }
```

Models/login.php

```php
<?php
    session_start();
    include '../config/connection.php';
    include 'logFileFunctions.php';
    include 'functions.php';
    if($_SERVER["REQUEST_METHOD"] == "POST") {

        $errors = [];
        $num=0;
        $emailRegex = "/^[A-Za-z0-9._-]+@[A-Za-z0-9.-]+.[A-Za-z]{2,}$/";
        $passwordRegex = "/^(?=.*[a-zA-Z])(?=.*\d)(?=.*[!@#$%^&*()_-])[A-
Za-z\d!@#$%^&*()_-]{8,}$/";
```

```php
        $email = $_POST['email'];
        $password = $_POST['password'];
        if(!checkFieldWithRegex($password, $passwordRegex)) {
            $num++;
            $errors[] = "Password is incorect, please enter correct
password";
        }
        if(!checkFieldWithRegex($email, $emailRegex)) {
            $num++;
            $errors[] = "Invalid email";
        }

        if($num!==0) {
            http_response_code(401);
            echo json_encode("Invalid parametars");
        } else {
            $password = md5($password);
            global $conn;
            //Da li postoji mail
            $queryEmail = "SELECT * FROM users WHERE email=:emailNovi";
            $stmtEmail = $conn->prepare($queryEmail);
            $stmtEmail->bindParam(':emailNovi', $email);
            $stmtEmail->execute();
            $userForEmail = $stmtEmail->fetch();

            $max_tries = 3;

            if($userForEmail->role_id == 1){
                //Nije admin
                if(!$userForEmail->is_blocked){
                    //Ako nije blokiran
                    $select = $conn->prepare("SELECT * FROM users WHERE
email=:email AND password=:password");
                    $select->bindParam(":email",$email);
                    $select->bindParam(":password",$password);
                    $select->execute();
                    $user=$select->fetch(PDO::FETCH_ASSOC);


                    if($user){
                        //Ulogovan korisnik
                        loggedInUsers($user);
                        $_SESSION['user'] = $user;
```

```php
                        echo json_encode(true);
                        http_response_code(200);
                }else {
                        //Login fail
                        $file_name = "../data/wrong-credentials-log.txt";
                        $loginMistake = file($file_name,
FILE_IGNORE_NEW_LINES);

                        $userEmail = $userForEmail->email;

                        $user_from_file = [];

                        foreach($loginMistake as $index => $w){
                            list($email,$datum,$number_of_tries) =
explode("\t", $w);

                            if($userEmail == $email){
                                // Pronalazimo bas tog usera iz fajla, za
taj email koji je uneo

                                $user_from_file = [$index, $email, $datum,
$number_of_tries];
                            }
                        }

                        $triesNum= 1;

                        //User ne postoji u fajlu
                        if($user_from_file == []){
                            // Kada user ne postoji u fajlu
                            $wrong_login = fopen($file_name, "a");

                            $string = $userEmail . "\t" .  time() . "\t" .
$triesNum. "\n";

                            fwrite($wrong_login, $string);

                            if(fclose($wrong_login)){
                                http_response_code(401);
                                echo json_encode("Login credentials are
incorrect. You have  " . ($max_tries - $tries_number) . "  more tries.");
                            }
                        }else {
                            //Kada user postoji u fajlu
                            $time_for_reset = 5 * 60;
```

```php
                                    $time_difference =  time() -
$user_from_file[2];

                                if($time_difference > $time_for_reset){
                                    //Kad je vreme vece od 5 min
                                    $id = $user_from_file[0];

                                    $loginMistake_new = explode("\t",
$loginMistake[$id]);

                                    $loginMistake_new[1] = time();
                                    $loginMistake_new[2] = $tries_number;

                                    $wrong_login = fopen($file_name, "w");

                                    $loginMistake[$id] =
implode("\t",$loginMistake_new);

                                    $string_for_wr = implode("\n",
$loginMistake);

                                    fwrite($wrong_login, $string_for_wr);

                                    if(fclose($wrong_login)){
                                        http_response_code(401);
                                        echo json_encode("Login credentials
are incorrect. You have " . ($max_tries - $tries_number) . " more
tries.");
                                    }
                                }else {
                                    // Kada vreme nije vece od 5 min
                                    if($user_from_file[3] == ($max_tries-1)){
                                        //Kada user ima 2 pokusaja
                                        blockUser($user_from_file[1]);

                                        //salje se mejl

                                        $id = $user_from_file[0];

                                        unset($loginMistake[$id]);

                                        $wrong_login = fopen($file_name, "w");
```

```php
                                                    $string_for_wr = implode("\n",
$loginMistake);

                                                    fwrite($wrong_login, $string_for_wr);

                                                    if(fclose($wrong_login)){
                                                        http_response_code(401);
                                                        echo json_encode("Login
credentials are incorrect. Your account is blocked.");
                                                    }

                                        }else{
                                            // Ako nema 2 pokusaja nego manje
                                            $id = $user_from_file[0];

                                            $loginMistake_new = explode("\t",
$loginMistake[$id]);

                                            $loginMistake_new[1] = time();
                                            $number_wrong_now =
$loginMistake_new[2];

                                            $number_wrong_now =
intval($number_wrong_now);

                                            $loginMistake_new[2] =
++$number_wrong_now;

                                            $loginMistake[$id] =
implode("\t",$loginMistake_new);

                                            $wrong_login = fopen($file_name, "w");

                                            $string_for_wr = implode("\n",
$loginMistake);

                                            fwrite($wrong_login, $string_for_wr);

                                            if(fclose($wrong_login)){
                                                http_response_code(401);
                                                echo json_encode("Login
credentials are incorrect. You have " . ($max_tries -
$loginMistake_new[2]) . " more tries.");
```

```php
                                        }
                                    }
                                }
                            }

                        }
                    } else {
                        http_response_code(401);
                        echo json_encode("Your account is blocked. Contact
your administrator.");
                    }
                } else {
                    $select = $conn->prepare("SELECT * FROM users WHERE
email=:email AND password=:password");
                    $select->bindParam(":email",$email);
                    $select->bindParam(":password",$password);
                    $select->execute();
                    $user=$select->fetch(PDO::FETCH_ASSOC);
                    if($user) {
                        loggedInUsers($user);
                        $_SESSION['user'] = $user;
                        echo json_encode(true);
                        http_response_code(200);
                    }else {
                        echo json_encode("Your login credentials are
incorrect.");
                        http_response_code(401);
                    }
                }


        }
    } else {
        header("location: ../index.php");
    }

    function blockUser($email) {
        global $conn;
        $queryEmail = "UPDATE users SET is_blocked=1 WHERE
email=:emailNovi";
        $stmtEmail = $conn->prepare($queryEmail);
        $stmtEmail->bindParam(':emailNovi', $email);
```

```php
        $stmtEmail->execute();
    }
```

Models/registerUser.php

```php
<?php
    include 'functions.php';
    include '../config/connection.php';
    header("content-type: application/json");
    if($_SERVER['REQUEST_METHOD']==="POST") {
        try{
            $firstName = $_POST['firstName'];
            $lastName = $_POST['lastName'];
            $email = $_POST['email'];
            $password = $_POST['password'];

            $errors = [];
            $num=0;
            $nameRegex = "/^[A-Za-z]{2,}$/";
            $emailRegex = "/^[A-Za-z0-9._-]+@[A-Za-z0-9.-]+.[A-Za-
z]{2,}$/";
            $passwordRegex = "/^(?=.*[a-zA-Z])(?=.*\d)(?=.*[!@#$%^&*()_-
])[A-Za-z\d!@#$%^&*()_-]{8,}$/";
            if(!checkFieldWithRegex($password, $passwordRegex)) {
                $num++;
                $errors[] = "Password is incorect, please enter correct
password";
            }
            if(!checkFieldWithRegex($firstName, $nameRegex)) {
                $num++;
                $errors[] = "Invalid first name";
            }
            if(!checkFieldWithRegex($lastName, $nameRegex)) {
                $num++;
                $errors[] = "Invalid last name";
            }
            if(!checkFieldWithRegex($email, $emailRegex)) {
                $num++;
                $errors[] = "Invalid email";
            }
            if($num!==0) {
                http_response_code(422);
                echo json_encode($errors);
```

```php
            } else {
                global $conn;

                $password = md5($password);

                $insert = $conn->prepare("INSERT INTO users (first_name,
last_name, email, password) VALUES(:first_name, :last_name, :email,
:password)");
                $insert->bindParam(":first_name", $firstName);
                $insert->bindParam(":last_name", $lastName);
                $insert->bindParam(":email", $email);
                $insert->bindParam(":password", $password);
                $insert->execute();
                http_response_code(201);
                echo json_encode("Successfully registered!");
            }

        } catch(PDOException $e){
            http_response_code(500);
            echo json_encode("Error with database connection");
        }
    } else {
        echo json_encode('You dont have permission for this page');
        http_response_code(401);

        header('location: ../index.php');
    }
```

Models/removeFromCart.php

```php
<?php
    include 'functions.php';
    include '../config/connection.php';
    header('Content-type: application/json');

    if($_SERVER['REQUEST_METHOD']==="POST"){

        try{

            $cart_id = $_POST['cart_item_id'];
            global $conn;
            $remove= $conn->prepare("DELETE from cart_item WHERE
cart_item_id=:cart_id");
```

```php
            $remove->bindParam(":cart_id",$cart_id);
            $remove->execute();
            http_response_code(204);
            echo json_encode('success');

        } catch(PDOException $e) {
            echo $e->getMessage();
        }
    } else {

        echo json_encode('You dont have permission for this page');
        http_response_code(401);

    }
```

Models/update_user.php

```php
<?php
    session_start();
    include '../config/connection.php';
    if(isset($_POST['submitBtn'])) {
        $firstName = $_POST['fName'];
        $lastName = $_POST['lName'];
        $email = $_POST['email'];
        $pass = $_POST['pass'];
        $id = $_POST['id'];
        $errors = 0;
        $allErrors = [];
        $mailRegex = '/^[A-Za-z0-9._-]+@[A-Za-z0-9.-]+.[A-Za-z]{2,}$/';
        $passwordRegex = '/^(?=.*[a-zA-Z])(?=.*\d)(?=.*[!@#$%^&*()_-])[A-Za-z\d!@#$%^&*()_-]{8,}$/';

        if(empty($firstName) || strlen($firstName)<2){
            $errors++;
            $allErrors[] = 'First Name is required and must be at least 2 characters long';
        }
        if(empty($lastName) || strlen($lastName)<2){
            $errors++;
            $allErrors[] = 'Last Name is required and must be at least 2 characters long';
        }
        if(!preg_match($mailRegex, $email)) {
```

```php
            $errors++;
            $allErrors[]='Incorect email address!
example(user@gmail.com)';
        }
        if(!empty($pass)){
            if(!preg_match($passwordRegex, $pass)) {
                $errors++;
                $allErrors[]='Invalid password! Must be at least 8
characters long. At least one uppercase letter, one lowercase letter, one
number, and one special character';
            }
        }



        if($errors>0){
            $_SESSION['user']['errors'] = $allErrors;
            header("Location: ../index.php?page=edit-user");
        }else {
            unset($_SESSION['user']['errors']);
            if($_FILES['img']['size']>0){
                $newImg = $_FILES['img'];
                $fileName = $newImg['name'];
                $tmpFajl = $newImg['tmp_name'];
                $size = $newImg['size'];
                $type = $newImg['type'];

                $noviNazivFajla = time()."_".$fileName;
                $putanja = "../assets/userImages/".$noviNazivFajla;
                if(move_uploaded_file($tmpFajl, $putanja)){
                    if(!empty($pass)){
                        $pass= md5($pass);
                        global $conn;
                        $update = $conn->prepare("UPDATE users SET
first_name=:first, last_name=:last, email=:email, password=:pass,
profile_img=:image WHERE user_id=:id");
                        $update->bindParam(':first',$firstName);
                        $update->bindParam(':last',$lastName);
                        $update->bindParam(':email',$email);
                        $update->bindParam(':pass', $pass);
                        $update->bindParam(':image',$noviNazivFajla);
                        $update->bindParam(":id",$id);
```

```php
                    $update->execute();

                    $_SESSION['user']['first_name'] = $firstName;
                    $_SESSION['user']['last_name'] = $lastName;
                    $_SESSION['user']['email'] = $email;
                    $_SESSION['user']['password'] = $pass;
                    $_SESSION['user']['profile_img'] =
$noviNazivFajla;

                    http_response_code(204);
                    header("Location: ../index.php?page=edit-
user&success=Success");
                }else{
                    global $conn;
                    $update = $conn->prepare("UPDATE users SET
first_name=:first, last_name=:last, email=:email, profile_img=:image WHERE
user_id=:id");
                    $update->bindParam(':first',$firstName);
                    $update->bindParam(':last',$lastName);
                    $update->bindParam(':email',$email);
                    $update->bindParam(':image',$noviNazivFajla);
                    $update->bindParam(":id",$id);
                    $update->execute();

                    $_SESSION['user']['first_name'] = $firstName;
                    $_SESSION['user']['last_name'] = $lastName;
                    $_SESSION['user']['email'] = $email;
                    $_SESSION['user']['password'] = $pass;
                    $_SESSION['user']['profile_img'] =
$noviNazivFajla;

                    http_response_code(204);
                    header("Location: ../index.php?page=edit-
user&success=Success");
                }

            }
        } else {
            if(!empty($pass)){
                $pass= md5($pass);
                global $conn;
```

```php
                $update = $conn->prepare("UPDATE users SET
first_name=:first, last_name=:last, email=:email, password=:pass WHERE
user_id=:id");
                $update->bindParam(':first',$firstName);
                $update->bindParam(':last',$lastName);
                $update->bindParam(':email',$email);
                $update->bindParam(':pass', $pass);
                $update->bindParam(":id",$id);
                $update->execute();

                $_SESSION['user']['first_name'] = $firstName;
                $_SESSION['user']['last_name'] = $lastName;
                $_SESSION['user']['email'] = $email;
                $_SESSION['user']['password'] = $pass;

                http_response_code(204);
                header("Location: ../index.php?page=edit-
user&success=Success");
            }else {
                global $conn;
                $update = $conn->prepare("UPDATE users SET
first_name=:first, last_name=:last, email=:email WHERE user_id=:id");
                $update->bindParam(':first',$firstName);
                $update->bindParam(':last',$lastName);
                $update->bindParam(':email',$email);
                $update->bindParam(":id",$id);
                $update->execute();

                $_SESSION['user']['first_name'] = $firstName;
                $_SESSION['user']['last_name'] = $lastName;
                $_SESSION['user']['email'] = $email;
                $_SESSION['user']['password'] = $pass;

                http_response_code(204);
                header("Location: ../index.php?page=edit-
user&success=Success");
            }

        }
    }


    } else {
```

```php
        header("location: ../index.php");
    }
```

Models/update.php

```php
<?php
    include 'functions.php';
    header('content-type: application/json');
    if($_SERVER['REQUEST_METHOD']=='POST'){
    include '../config/connection.php';
    session_start();

    if(isset($_GET['table']) && $_GET['table']=='users'){

        //DATA
        $firstName = $_POST['fName'];
        $lastName = $_POST['LName'];
        $pass = $_POST['password'];
        $email =$_POST['email'];
        $role = $_POST['role'];
        $blocked = $_POST['blockOption'];
        $blocked = intval($blocked);
        echo $blocked;
        $id = $_POST['id'];
        //VALIDATION
        $allErrors = [];
        $errors = 0;

        $mailRegex = '/^[A-Za-z0-9._-]+@[A-Za-z0-9.-]+.[A-Za-z]{2,}$/';
        $passwordRegex = '/^(?=.*[a-zA-Z])(?=.*\d)(?=.*[!@#$%^&*()_-])[A-
Za-z\d!@#$%^&*()_-]{8,}$/';

        if(empty($firstName) || strlen($firstName)<2){
            $errors++;
            $allErrors[] = 'First Name is required and must be at least 2
characters long';
        }
        if(empty($lastName) || strlen($lastName)<2){
            $errors++;
            $allErrors[] = 'Last Name is required and must be at least 2
characters long';
        }
```

```php
        if(!empty($pass)){
            if(!preg_match($passwordRegex, $pass)) {
                $errors++;
                $allErrors[]='Invalid password! Must be at least 8
characters long. At least one uppercase letter, one lowercase letter, one
number, and one special character';
            }
        }
        if(!preg_match($mailRegex, $email)) {
            $errors++;
            $allErrors[]='Incorect email address!
example(user@gmail.com)';
        }

        if($role==0) {
            $errors++;
            $allErrors[] = 'Select user role';
        }

        if($errors>0){
            $_SESSION['user']['errors'] = $allErrors;
            header("Location:
../views/adminPanel/admin.php?page=edit&table=users&id=$id");
        } else {
            unset($_SESSION['user']['errors']);
            if(!empty($pass)){
                $pass = md5($pass);

                global $conn;
                $update = $conn->prepare("UPDATE users SET
first_name=:first, last_name=:last, email=:email, password=:pass,
role_id=:role_id, is_blocked=$blocked WHERE user_id=$id");
                $update->bindParam(':first',$firstName);
                $update->bindParam(':last',$lastName);
                $update->bindParam(':email',$email);
                $update->bindParam(':pass', $pass);
                $update->bindParam(':role_id',$role);
                $update->execute();

                http_response_code(204);
                header("Location:
../views/adminPanel/admin.php?page=edit&table=users&id=$id&success=Success
");
```

```php
            } else {
                $pass = md5($pass);

                global $conn;
                $update = $conn->prepare("UPDATE users SET
first_name=:first, last_name=:last, email=:email, role_id=:role_id,
is_blocked=$blocked WHERE user_id=$id");
                $update->bindParam(':first',$firstName);
                $update->bindParam(':last',$lastName);
                $update->bindParam(':email',$email);
                $update->bindParam(':role_id',$role);
                $update->execute();

                http_response_code(204);
                header("Location:
../views/adminPanel/admin.php?page=edit&table=users&id=$id&success=Success
");
            }


            // update($table, $id, $data, $idColoum);
        }

    }else if(isset($_GET['table']) && $_GET['table']=='categories'){
        $id = $_POST['id'];
        $category = $_POST['category'];
        $errors = 0;
        $allErrors = [];

        if(empty($category)) {
            $errors++;
            $allErrors[]= "Category input is required";
        }
        if($errors>0) {
            $_SESSION['user']['errors'] = $allErrors;
            header("Location:
../views/adminPanel/admin.php?page=edit&table=categories&id=$id");
        } else {
            unset($_SESSION['user']['errors']);
            $data = array(
                'category' => $category,
```

```php
                );
                $idColoum = 'category_id';
                $table = 'categories';
                update($table, $id, $data, $idColoum);


        }
    }else if(isset($_GET['table']) && $_GET['table']=='brands'){
        $id = $_POST['id'];
        $brands = $_POST['brand'];
        $errors = 0;
        $allErrors = [];

        if(empty($brands)) {
            $errors++;
            $allErrors[]= "Brands input is required";
        }
        if($errors>0) {
            $_SESSION['user']['errors'] = $allErrors;
            header("Location:
../views/adminPanel/admin.php?page=edit&table=brands&id=$id");
        } else {
            unset($_SESSION['user']['errors']);
            $data = array(
                'brand' => $brands

            );
            $idColoum = 'brand_id';
            $table = 'brands';
            update($table, $id, $data, $idColoum);;
        }

    }else if(isset($_GET['table']) && $_GET['table']=='discounts'){
        $id = $_POST['id'];
        $percentage = $_POST['percentage'];
        $errors = 0;
        $allErrors = [];
        if(empty($percentage)) {
            $errors++;
            $allErrors[]= "Percentage is required";
        }

        if($errors>0) {
```

```php
            $_SESSION['user']['errors'] = $allErrors;
            header("Location:
../views/adminPanel/admin.php?page=edit&table=discounts&id=$id");
        } else {
            unset($_SESSION['user']['errors']);
            $data = array(
                'percentage' => $percentage
            );
            $idColoum = 'discount_id';
            $table = 'discounts';
            update($table, $id, $data, $idColoum);
        }
    }else if(isset($_GET['table']) && $_GET['table']=='sizes'){
        $id = $_POST['id'];
        $size = $_POST['size'];
        $errors = 0;
        $allErrors = [];

        if(empty($size)) {
            $errors++;
            $allErrors[]= "Size input is required";
        }
        if($errors>0) {
            $_SESSION['user']['errors'] = $allErrors;
            header("Location:
../views/adminPanel/admin.php?page=edit&table=sizes&id=$id");
        } else {
            unset($_SESSION['user']['errors']);
            $data = array(
                'size' => $size
            );
            $idColoum = 'size_id';
            $table = 'sizes';
            update($table, $id, $data, $idColoum);
        }

    }else if(isset($_GET['table']) && $_GET['table']=='specifications'){
        $spec = $_POST['specification'];
        $errors = 0;
        $allErrors = [];
        $id = $_POST['id'];

        if(empty($spec)) {
```

```php
            $errors++;
            $allErrors[]= "Specification input is required";
        }
        if($errors>0) {
            $_SESSION['user']['errors'] = $allErrors;
            header("Location:
../views/adminPanel/admin.php?page=edit&table=specifications&id=$id");
        } else {
            unset($_SESSION['user']['errors']);
            $data = array(
                'specification' => $spec
            );
            $idColoum = 'specification_id';
            $table = 'specifications';
            update($table, $id, $data, $idColoum);
        }
    }else if(isset($_GET['table']) && $_GET['table']=='genders'){
        $gender = $_POST['gender'];
        $errors = 0;
        $allErrors = [];
        $id = $_POST['id'];

        if(empty($gender)) {
            $errors++;
            $allErrors[]= "Gender input is required";
        }
        if($errors>0) {
            $_SESSION['user']['errors'] = $allErrors;
            header("Location:
../views/adminPanel/admin.php?page=edit&table=genders&id=$id");
        } else {
            unset($_SESSION['user']['errors']);
            $data = array(
                'gender' => $gender
            );
            $idColoum = 'gender_id';
            $table = 'genders';
            update($table, $id, $data, $idColoum);
        }
    }else if(isset($_GET['table']) && $_GET['table']=='roles'){
        $roles = $_POST['roles'];
        $errors = 0;
        $allErrors = [];
```

```php
        $id = $_POST['id'];

        if(empty($roles)) {
            $errors++;
            $allErrors[]= "Role input is required";
        }
        if($errors>0) {
            $_SESSION['user']['errors'] = $allErrors;
            header("Location:
../views/adminPanel/admin.php?page=edit&table=roles&id=$id");
        } else {
            unset($_SESSION['user']['errors']);
            $data = array(
                'role' => $roles
            );
            $idColoum = 'role_id';
            $table = 'roles';
            update($table, $id, $data, $idColoum);
        }
    }else if(isset($_GET['table']) && $_GET['table']=='products'){

        $id = $_POST['id'];
        $name = $_POST['name'];
        $category = $_POST['category'];
        $brand = $_POST['brand'];
        $description = $_POST['description'];
        $newImg = $_FILES['img'];
        $gender = $_POST['gender'];

        $allErrors = [];
        $regexCode = '/^[a-zA-Z0-9\.\"\s]+$/';
        $errors=0;
        if(!preg_match($regexCode, $name)) {
            $errors++;
            $allErrors[]= "Please enter product name";
        }
        if(empty($description)) {
            $errors++;
            $allErrors[]= "Please enter description";
        }
        if(empty($gender)) {
            $errors++;
            $allErrors[]= "Please select gender";
```

```php
        }

        if($errors>0) {
            $_SESSION['user']['errors']= $allErrors;
            header("Location:
../views/adminPanel/admin.php?page=edit&table=products&id=$id");
        } else {
            unset($_SESSION['user']['errors']);
            try{
                if($newImg['size']>0) {

                    $fileName = $newImg['name'];
                    $tmpFajl = $newImg['tmp_name'];
                    $size = $newImg['size'];
                    $type = $newImg['type'];

                    $noviNazivFajla = time()."_".$fileName;
                    $putanja =
"../assets/ProductImages/allProductImages/".$noviNazivFajla;

                    if(move_uploaded_file($tmpFajl, $putanja)){
                        list($width, $height) =
getimagesize($putanja);

                        $ext = strtolower(pathinfo($putanja,
PATHINFO_EXTENSION));

                        $newWidth = 255;
                        $newHeight = $height / ($width/$newWidth);

                        $ext = $ext =='jpg' ? 'jpeg' : $ext;

                        $slika = "imagecreatefrom".$ext;

                        if(function_exists($slika)){
                            echo 'usao';
                            $newCustomImg = call_user_func($slika,
$putanja);
                        }


                        $background = imagecreatetruecolor($newWidth,
$newHeight);
                        imagecopyresampled($background,
$newCustomImg,0,0,0,0,$newWidth,$newHeight,$width,$height);
```

```php
                        $fun = "image".$ext;

                        $thumbnailPath =
"../assets/ProductImages/thumbnails/".$noviNazivFajla;

                        if(function_exists($fun)){
                            $finall = call_user_func($fun,
$background, $thumbnailPath);
                        }


                        global $conn;
                        $id = $_POST['id'];
                        $idColoum = 'product_id';
                        $table = 'products';
                        $update = $conn->prepare("UPDATE products SET
name=:name, category_id=:category, brand_id=:brand, mainImg=:mainImg,
description=:description, gender_id = :gender WHERE product_id=:id");
                        $update->bindParam(':name', $name);
                        $update->bindParam(':category', $category);
                        $update->bindParam(':brand', $brand);
                        $update->bindParam(':mainImg',
$noviNazivFajla);
                        $update->bindParam(':description',
$description);
                        $update->bindParam(':gender', $gender);
                        $update->bindParam(':id', $id);
                        $update->execute();
                        header("Location:
../views/adminPanel/admin.php?page=edit&table=$table&id=$id&success=Succes
s");


                }
            }else {
                global $conn;
                        $idColoum = 'product_id';
                        $table = 'products';
                        $update = $conn->prepare("UPDATE products SET
name=:name, category_id=:category, brand_id=:brand,
description=:description, gender_id = :gender WHERE product_id=:id");
                        $update->bindParam(':name', $name);
```

```php
                                $update->bindParam(':category', $category);
                                $update->bindParam(':brand', $brand);
                                $update->bindParam(':description',
$description);
                                $update->bindParam(':gender', $gender);
                                $update->bindParam(':id', $id);
                                $update->execute();
                                header("Location:
../views/adminPanel/admin.php?page=edit&table=$table&id=$id&success=Succes
s");
                    }
                } catch(PDOException $e) {
                    echo $e;
                }


        }
    }else if(isset($_GET['table']) && $_GET['table']=='prices') {
        $price = $_POST['price'];
        $errors = 0;
        $allErrors = [];
        $regexPrice = '/^[0-9]+$/';
        if(!preg_match($regexPrice, $price)) {
            $errors++;
            $allErrors[]= "Please enter number for price";
        }
        if($errors>0) {
            $_SESSION['user']['errors'] = $allErrors;
            header("Location:
../views/adminPanel/admin.php?page=edit&table=products&id=$id");
        } else {
            unset($_SESSION['user']['errors']);
            $data = array(
                'price' => $price
            );
            $id = $_POST['id'];
            $idColoum = 'price_id';
            $table = 'prices';
            update($table, $id, $data, $idColoum);
            header("Location:
../views/adminPanel/admin.php?page=edit&table=products&id=".$_GET['id']."&
success=Success");
```

```php
        }
    }else if(isset($_GET['table']) && $_GET['table']=='product_inventory')
{
        $qty = $_POST['qty'];
        $errors = 0;
        $allErrors = [];
        $regexQty = '/^[0-9]+$/';
        if(!preg_match($regexQty, $qty)) {
            $errors++;
            $allErrors[]= "Please enter quantity";
        }
        if($errors>0) {
            $_SESSION['user']['errors'] = $allErrors;
            header('Location:
../views/adminPanel/admin.php?page=edit&table=products&id='.$_GET['id']);
        } else {
            // global $conn;
            // $update = $conn->prepare("UPDATE product_inventory SET
quantity=:qty WHERE id=:id");
            // $update->bindParam(':qty', $qty);
            // $update->bindParam(':id', $id);
            // $update->execute();
            unset($_SESSION['user']['errors']);
            $data = array(
                'quantity' => $qty,
            );
            $id = $_POST['id'];
            $idColoum = 'inventory_id';
            $table = 'product_inventory';
            update($table, $id, $data, $idColoum);
            header("Location:
../views/adminPanel/admin.php?page=edit&table=products&id=".$_GET['id']."&
success=Success");
        }
    }else if(isset($_GET['table']) && $_GET['table']=='productdiscounts')
{
        $discount = $_POST['discount'];
        $errors = 0;
        $allErrors = [];
        if(empty($discount)) {
            $errors++;
            $allErrors[]= "Please enter discount";
        }
```

```php
        if($errors>0) {
            $_SESSION['user']['errors'] = $allErrors;
            header('Location:
../views/adminPanel/admin.php?page=edit&table=products&id='.$_GET['id']);
        } else {
            unset($_SESSION['user']['errors']);
            $data = array(
                'discount_id' => $discount,
            );
            $id = $_POST['priceID'];
            $idColoum = 'price_id';
            $table = 'prices';
            update($table, $id, $data, $idColoum);
            header("Location:
../views/adminPanel/admin.php?page=edit&table=products&id=".$_GET['id']."&
success=Success");
        }
    }else if(isset($_GET['table']) && $_GET['table']=='productsizes'){
        $size = $_POST['size'];
        $errors = 0;
        $allErrors = [];

        if(empty($size)) {
            $errors++;
            $allErrors[]= "Size input is required";
        }
        if($errors>0) {
            $_SESSION['user']['errors'] = $allErrors;
            header('Location:
../views/adminPanel/admin.php?page=additem&table=sizes');
        } else {
            unset($_SESSION['user']['errors']);
            $data = array(
                'size' => $size
            );
            $id = $_POST['id'];
            $idColoum = 'size_id';
            $table = 'sizes';
            update($table, $id, $data, $idColoum);
        }
    }else if(isset($_GET['table']) &&
$_GET['table']=='productSpecifications'){
        $spec = $_POST['specification'];
```

```php
        $id = $_POST['id'];
        $errors = 0;
        $allErrors = [];

        if(empty($spec)) {
            $errors++;
            $allErrors[]= "Specification input is required";
        }
        if($errors>0) {
            $_SESSION['user']['errors'] = $allErrors;
            header('Location:
../views/adminPanel/admin.php?page=edit&table=product&id='.$id);
        } else {
            unset($_SESSION['user']['errors']);
            $data = array(
                'value' => $spec
            );
            $idColoum = 'prod_spec_id';
            $table = 'product_specification';
            update($table, $id, $data, $idColoum);
            echo json_encode('Successfully updated');
            http_response_code(204);

        }
    }
    } else {
        echo json_encode('You dont have permission for this page');
        http_response_code(401);

        header("location: ../index.php");
    }
```

Models/products/insertProduct.php

```php
<?php
    session_start();
    include '../../config/connection.php';
    include "../functions.php";
    $specs = getItems("specifications");


    if(isset($_POST['submitBtn'])) {
        $name = $_POST['name'];
        $category = $_POST['category'];
        $brand = $_POST['brand'];
```

```php
        $description = $_POST['description'];
        $gender = $_POST['gender'];
        $price = $_POST['price'];
        $qty = $_POST['qty'];
        $discount = $_POST['discount'];
        $newImg = $_FILES['img'];
        $images = $_FILES['imgs'];
        $sizes = $_POST['sizes'];

        $allErrors = [];
        $regexCode = '/^[a-zA-Z0-9\s]+$/';
        $regexQty = '/^[0-9]+$/';
        $errors=0;
        if(!preg_match($regexCode, $name)) {
            $errors++;
            $allErrors[]= "Please enter product name";
        }
        if(!isset($description)) {
            $errors++;
            $allErrors[]= "Please enter description";
        }
        if(!preg_match($regexQty, $qty)) {
            $errors++;
            $allErrors[]= "Please enter product quantity";
        }
        if(!preg_match($regexQty, $price)) {
            $errors++;
            $allErrors[]= "Please enter number for price";
        }
        if(!isset($gender)) {
            $errors++;
            $allErrors[]= "Please select gender";
        }
        if(!isset($sizes)) {
            $errors++;
            $allErrors[]= "Please select product size";
        }
        if($newImg['size']===0) {
            $allErrors[]= "Please insert product image";
            header("location:
../../views/adminPanel/admin.php?page=addProduct&error=Insert product
image");
        }
```

```php
        if($errors>0) {
            $_SESSION['user']['errors']= $allErrors;
            header("location:
../../views/adminPanel/admin.php?page=additem&table=products");
        } else {
            $fileName = $newImg['name'];
            $tmpFajl = $newImg['tmp_name'];
            $size = $newImg['size'];
            $type = $newImg['type'];

            $noviNazivFajla = time()."_".$fileName;
            $putanja =
"../../assets/ProductImages/allProductImages/".$noviNazivFajla;

            if(move_uploaded_file($tmpFajl, $putanja)){
                try{
                    //MAKE THUMBNAIL IMAGE
                    list($width, $height) = getimagesize($putanja);
                    $ext = strtolower(pathinfo($putanja,
PATHINFO_EXTENSION));
                    $newWidth = 255;
                    $newHeight = $height / ($width/$newWidth);

                    $slika = "imagecreatefrom".$ext;
                    if(function_exists($slika)){
                        echo 'usao';
                        $newCustomImg = call_user_func($slika, $putanja);
                    }

                    $background = imagecreatetruecolor($newWidth,
$newHeight);
                    imagecopyresampled($background,
$newCustomImg,0,0,0,0,$newWidth,$newHeight,$width,$height);

                    $fun = "image".$ext;

                    $thumbnailPath =
"../../assets/ProductImages/thumbnails/".$noviNazivFajla;

                    if(function_exists($fun)){
                        $finall = call_user_func($fun, $background,
$thumbnailPath);
```

```php
                }

                //INSERTING PRODUCT
                global $conn;
                $conn->beginTransaction();
                $insertProduct = $conn->prepare("INSERT INTO products
(name, brand_id, category_id, mainImg, description, gender_id) VALUES
(:name, :brand_id, :category_id, :mainImg, :description, :gender_id)");
                $insertProduct->bindParam(":name", $name);
                $insertProduct->bindParam(":brand_id", $brand);
                $insertProduct->bindParam(":category_id", $category);
                $insertProduct->bindParam(":mainImg",
$noviNazivFajla);
                $insertProduct->bindParam(":description",
$description);
                $insertProduct->bindParam(":gender_id", $gender);
                $isSuccess = $insertProduct->execute();
                if($isSuccess) {
                    //INSERTING PRODUCT PRICE
                    $lastInsertedId = $conn->lastInsertId();
                    $insertPrice = $conn->prepare("INSERT INTO prices
(price, product_id, discount_id) VALUES(:price, :product_id,
:discount_id)");
                    $insertPrice->bindParam(":price", $price);
                    $insertPrice->bindParam(":product_id",
$lastInsertedId);
                    $insertPrice->bindParam(":discount_id",
$discount);
                    $insertPrice->execute();

                    //INSERTING PRODUCT QUANTITY
                    $insertQty = $conn->prepare("INSERT INTO
product_inventory(product_id, quantity, status) VALUES(:product_id,
:quantity, :status)");
                    $insertQty->bindParam(":product_id",
$lastInsertedId);
                    $insertQty->bindParam(":quantity", $qty);
                    $status = $qty>0 ? 1 : 0;
                    $insertQty->bindParam(":status", $status);
                    $insertQty->execute();

                    //INSERTING PRODUCT GENDER
```

```php
                            // $insertGender = $conn->prepare("INSERT INTO
prod_gender (prod_id, gend_id) VALUES(:prod_id, :gender_id)");
                            // $insertGender->bindParam(":gender_id",
$gender);
                            // $insertGender->bindParam(":prod_id",
$lastInsertedId);
                            // $insertGender->execute();


                            //INSERTING PRODUCT IMAGES
                            if(count($images)>0) {
                                for($i = 0; $i <
count($_FILES['imgs']['name']); $i++) {
                                    $fileName = $images['name'][$i];
                                    $tmpFile = $images['tmp_name'][$i];
                                    $size = $images['size'][$i];
                                    $type = $images['type'][$i];

                                    $newName = time()."_".$fileName;
                                    $path =
"../../assets/ProductImages/".$newName;
                                    if(move_uploaded_file($tmpFile, $path)) {
                                        $insertImage = $conn->prepare("INSERT
INTO images (src, product_id) VALUES(:src, :product_id)");
                                        $insertImage->bindParam(":src",
$newName);
                                        $insertImage->bindParam(":product_id",
$lastInsertedId);
                                        $insertImage->execute();
                                    }
                                }
                            }

                            //INSERTING PRODUCT SPECIFICATION
                            foreach($specs as $spec){
                                $specification_id=$spec["specification_id"];
                                $vrednost =
$_POST["spec".$spec['specification_id'].""];
                                if(!empty($vrednost)) {
                                    $insertSpecifications = $conn-
>prepare("INSERT INTO product_specification (prod_id, spec_id, value)
VALUES(:prod_id, :spec_id, :value)");
```

```php
                                $insertSpecifications-
>bindParam(":prod_id", $lastInsertedId);
                                $insertSpecifications-
>bindParam(":spec_id", $specification_id);
                                $insertSpecifications->bindParam(":value",
$vrednost);

                                $insertSpecifications->execute();
                            }
                        }

                        // INSERTING PRODUCT SIZES
                        foreach($sizes as $size){
                            echo $size;
                            $insertSizes = $conn->prepare("INSERT INTO
product_size (product_id, size_id) VALUES(:product_id, :size_id)");
                            $insertSizes->bindParam(":product_id",
$lastInsertedId);
                            $insertSizes->bindParam(":size_id", $size);
                            $insertSizes->execute();
                        }
                        //IS SUCCESS
                        if($insertPrice && $insertQty) {
                            header("location:
../../views/adminPanel/admin.php?page=additem&table=products&success=Succe
ss");

                            unset($_SESSION["user"]['errors']);
                        }
                        $conn->commit();
                    }

                }
                catch(PDOException $e){
                    $conn->rollBack();
                    echo "nesto nije u redu";
                }

        } else {
            header("location:
../../views/adminPanel/admin.php?page=addProduct&error=Doslo je do greske
prilikom uploada");
        }
    }
```

```php
    } else {
        header('location: ../../index.php');
    }
```

Models/reigsterLogic/logout.php

```php
<?php
    session_start();
    if(isset($_SESSION['user'])) {
        unset($_SESSION['user']);
        header('Location: ../../index.php');
    }
```

config/.env

```
DBNAME=sneakersshop
SERVER=localhost
USERNAME=root
PASSWORD=
```

config/config.php

```php
<?php


// Podesavanja za bazu
// define("SERVER", "localhost");
// define("DATABASE", "sneakersshop");
// define("USERNAME", "root");
// define("PASSWORD", "");


define("envPath",__DIR__."/.env");

define("SERVER", env("SERVER"));

define("DATABASE", env("DBNAME"));
define("USERNAME", env("USERNAME"));
define("PASSWORD", env("PASSWORD"));
function env($marker){
```

```php
$niz = file(envPath);
$dbParametar = "";
foreach($niz as $red){
$red = trim($red);
list($identifikator, $vrednost) = explode("=", $red);
if($identifikator == $marker){
$dbParametar = $vrednost;
break;
}
}
return $dbParametar;
}
```

Config/connection.php

```php
<?php

require_once "config.php";

//zabelezi pristup stranici!!!

try {
    // $conn = new
PDO("mysql:host=".SERVER.";dbname=".DATABASE.";charset=utf8", USERNAME,
PASSWORD);
    $conn = new
PDO("mysql:host=".SERVER.";dbname=".DATABASE.";charset=utf8", USERNAME,
    PASSWORD);
    $conn->setAttribute(PDO::ATTR_DEFAULT_FETCH_MODE, PDO::FETCH_OBJ);
    $conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
}
catch(PDOException $ex){
    echo $ex->getMessage();
}
```

Assets/js/customJs/custom.js

```js
let genderData = [];
let categoryData = [];
let brandData = [];
let string = "";
```

```javascript
let sortValue = "";
let showPerPage = 6;
let allItems;
let subTotal = 0;
let page = 0;

let user_id;
if (document.querySelector(".user_tag") != null) {
  user_id = document.querySelector(".user_tag").dataset.id;
}

//BLOKS
let productContainer = document.querySelector(".product-container");
let cartListContainer = document.querySelector(".cart_list");
let blockError = document.querySelector(".blk_error");

//Pagination buttons
let next = document.querySelectorAll(".next-arrow");
let back = document.querySelectorAll(".prev-arrow");
function ValidateLogin() {
  //Elements
  let email = document.querySelector("#email");
  let password = document.querySelector("#password");
  //Regex
  let emailRegex = /^[A-Za-z0-9._-]+@[A-Za-z0-9.-]+.[A-Za-z]{2,}$/;
  let passwordRegex =
    /^(?=.*[a-zA-Z])(?=.*\d)(?=.*[!@#$%^&*()_-])[A-Za-z\d!@#$%^&*()_-
]{8,}$/;

  //Error div
  let error = document.querySelector(".error");
  let numErrors = 0;
  //Validation
  if (!emailRegex.test(email.value)) {
    numErrors++;
    error.classList.add("alert");
    error.classList.add("alert-danger");
    error.innerHTML += `<p>Invalid email address! example:
yourname@gmail.com</p>`;
  } else {
    error.classList.remove("alert");
    error.classList.remove("alert-danger");
    error.innerHTML = ``;
```

```javascript
  }
  if (!passwordRegex.test(password.value)) {
    numErrors++;
    error.classList.add("alert");
    error.classList.add("alert-danger");
    error.innerHTML += `<p>Invalid password! example: P@ssword02</p>`;
  } else {
    error.classList.remove("alert");
    error.classList.remove("alert-danger");
    error.innerHTML = ``;
  }
  if (numErrors > 0) {
    return false;
  }
  return true;
}
function validateUserChanges() {
  let errorBlock = document.querySelector(".errors");
  errorBlock.innerHTML = "";
  let fisrt_name = document.querySelector("#fName");
  let last_name = document.querySelector("#lName");
  let email = document.querySelector("#email");
  let password = document.querySelector("#password");

  let emailRegex = /^[A-Za-z0-9._-]+@[A-Za-z0-9.-]+.[A-Za-z]{2,}$/;
  let passwordRegex =
    /^(?=.*[a-zA-Z])(?=.*\d)(?=.*[!@#$%^&*()_-])[A-Za-z\d!@#$%^&*()_-
]{8,}$/;

  let greske = 0;

  if (!emailRegex.test(email.value)) {
    greske++;
    errorBlock.classList.add("alert-danger");
    errorBlock.classList.add("alert");
    errorBlock.innerHTML += "<p>Please insert correct email</p>";
  }
  if (password.value != "") {
    if (!passwordRegex.test(password.value)) {
      greske++;
      errorBlock.classList.add("alert-danger");
      errorBlock.classList.add("alert");
      errorBlock.innerHTML +=
```

```
        "<p>Please insert correct password! example: P@ssword02</p>";
      }
    }
    if (fisrt_name.value == "") {
      greske++;
      errorBlock.classList.add("alert-danger");
      errorBlock.classList.add("alert");
      errorBlock.innerHTML += "<p>Please insert first name</p>";
    }
    if (last_name.value == "") {
      greske++;
      errorBlock.classList.add("alert-danger");
      errorBlock.classList.add("alert");
      errorBlock.innerHTML += "<p>Please insert last name</p>";
    }

    if (greske > 0) return false;
    return true;
}
window.addEventListener("load", function () {
    if (window.location.search.includes("register")) {
      //Elements
      let registerBtn = document.querySelector(".register-btn");

      //Events
      registerBtn.addEventListener("click", function (e) {
        validateForm(e);
      });
    } else if (window.location.search.includes("login")) {
      let error = document.querySelector(".error");
      error.innerHTML = ``;

      let login_btn = document.querySelector("#loginBtn");
      login_btn.addEventListener("click", function (e) {
        e.preventDefault();
        let email = document.querySelector("#email");
        let password = document.querySelector("#password");
        let emailRegex = /^[A-Za-z0-9._-]+@[A-Za-z0-9.-]+.[A-Za-z]{2,}$/;
        let passwordRegex =
          /^(?=.*[a-zA-Z])(?=.*\d)(?=.*[!@#$%^&*()_-])[A-Za-z\d!@#$%^&*()_-
]{8,}$/;

        let numErrors = 0;
```

```javascript
      if (!emailRegex.test(email.value)) {
        numErrors++;
        error.classList.add("alert");
        error.classList.add("alert-danger");
        error.innerHTML += `<p>Invalid email address! example:
yourname@gmail.com</p>`;
      } else {
        error.classList.remove("alert");
        error.classList.remove("alert-danger");
        error.innerHTML = ``;
      }
      if (!passwordRegex.test(password.value)) {
        numErrors++;
        error.classList.add("alert");
        error.classList.add("alert-danger");
        error.innerHTML += `<p>Invalid password! example: P@ssword02</p>`;
      } else {
        error.classList.remove("alert");
        error.classList.remove("alert-danger");
        error.innerHTML = ``;
      }

      if (numErrors === 0) {
        data = {
          email: email.value,
          password: password.value,
        };
        ajaxCallBack(
          "models/login.php",
          "POST",
          data,
          function (result) {
            if (result) window.location.href = "index.php?page=home";
          },
          function (xhr) {
            error.classList.add("alert");
            error.classList.add("alert-danger");
            error.innerHTML += `<p>${xhr.responseJSON}</p>`;
          }
        );
      }
    });
  } else if (window.location.search.includes("shop")) {
```

```javascript
ajaxCallBack(
  "models/getAllItems.php?item=product&limit=true",
  "GET",
  null,
  function (data) {
    ispisProizvoda(data);
  },
  function (xhr) {
    console.log(xhr);
  }
);

//FILTER
let genders = $(".gender");
genders.on("change", function (e) {
  page = 0;
  validateFilters(e, genderData, "gender");
});
let brands = $(".brand");
brands.on("change", function (e) {
  page = 0;
  validateFilters(e, brandData, "brand");
});
let categories = $(".category");
categories.on("change", function (e) {
  page = 0;
  validateFilters(e, categoryData, "category");
});

//SORT
let sort = $("#sort");
sort.on("change", function (e) {
  page = 0;
  sortValue = e.target.value;

  finallyFilter();
});

//Search
let search = $("#search_input");
search.on("keyup", function (e) {
  string = e.target.value;
  string = string.toLowerCase();
```

```javascript
      finallyFilter();
    });

    //SHOW PER PAGE
    let perPagesDDL = $(".perPage");
    $.each(perPagesDDL, function (perPage) {
      perPagesDDL[perPage].addEventListener("change", function (e) {
        page = 0;
        showPerPage = e.target.value;
        finallyFilter();
      });
    });

    //Next Page
    $(".next-arrow").on("click", function (e) {
      e.preventDefault();
      page++;
      finallyFilter();
    });
    $(".prev-arrow").on("click", function (e) {
      e.preventDefault();
      if (page < 1) {
        page = 0;
      }
      page--;
      finallyFilter();
    });
  } else if (window.location.search.includes("single-product")) {
    //Elements
    let sizes = document.querySelectorAll(".size");
    let addToCart = document.querySelector("#addToCart");

    //Display sizes and choose one
    sizes.forEach(function (size) {
      size.addEventListener("click", function (e) {
        let size = e.target;
        removeClasses();
        size.classList.remove("btn-custom");
        size.classList.add("btn-secondary");
      });
    });

    function removeClasses() {
```

```javascript
  sizes.forEach(function (size) {
    size.classList.remove("btn-secondary");
    size.classList.add("btn-custom");
  });
}

//Add To Cart
addToCart.addEventListener("click", function (e) {
  e.preventDefault();
  let productId = e.target.dataset.id;
  let qty = $(".qty").val();
  let sizeId;
  sizes.forEach(function (size) {
    if (size.classList.contains("btn-secondary")) {
      sizeId = size.dataset.id;
    }
  });
  if (sizeId == undefined) {
    //Uraditi upozorenje
    blockError.innerHTML = `
    <div class="alert alert-danger" role="alert">
    Please select size!
    </div>`;
  } else {
    blockError.innerHTML = "";
    data = {
      product_id: productId,
      user_id: user_id,
      qty: qty,
      size_id: sizeId,
    };
    ajaxCallBack(
      "models/insert.php?table=cart",
      "POST",
      data,
      function (response) {
        popUpWindow("Product added to cart!", "popUpAdd", "noneAdd");
      },
      function (xhr) {
        console.log(xhr);
      }
    );
  }
```

```javascript
    });
  } else if (window.location.search.includes("cart")) {
    //Load product in cart
    ajaxCallBack(
      "models/getAllItems.php?item=cart&id=" + user_id,
      "GET",
      null,
      function (response) {
        displayAllItemsFromCart(response);
      },
      function (xhr) {
        console.log(xhr);
      }
    );

    //Proceed to checkout
    let checkout = $(".shopBtn");
    checkout.on("click", function (e) {
      e.preventDefault();

      let orders = [];

      //Get orders
      $.each(allItems, function (i) {
        let product_id =
allItems[i].querySelector(".item_name").dataset.id;
        let size_id = allItems[i].querySelector(".size").dataset.id;
        let price_id = allItems[i].querySelector(".price").dataset.id;
        let qty = allItems[i].querySelector(".qty").value;
        let cart_id = allItems[i].dataset.cart;
        order = {
          product_id: product_id,
          size_id: size_id,
          price_id: price_id,
          qty: qty,
          cart_id: cart_id,
        };
        orders.push(order);
      });

      //Get location
      let country = $("#country").val();
      let city = $("#city").val();
```

```javascript
    let address = $("#address").val();
    let location = {
      country: country,
      city: city,
      address: address,
    };

    let finallOrder = {
      orders: orders,
      location: location,
      user_id: user_id,
      total: subTotal,
    };
    console.log(finallOrder);
    if (country == "" || city == "" || address == "") {
      //Ispisati gresku
      blockError.innerHTML = `
      <div class="alert alert-danger" role="alert">
      Please insert your shipping address!
      </div>`;
    } else {
      blockError.innerHTML = "";
      ajaxCallBack(
        "models/insert.php?table=order",
        "POST",
        finallOrder,
        function (data) {
          ajaxCallBack(
            "models/getAllItems.php?item=cart&id=" + user_id,
            "GET",
            null,
            function (response) {
              displayAllItemsFromCart(response);
            },
            function (xhr) {
              console.log(xhr);
            }
          );
          popUpWindow("Purchase completed!", "popUpWindow", "none");
        },
        function (xhr) {
          console.log(xhr);
        }
```

```javascript
        );
      }
    });

    //REMOVE PRODUCT FROM CART
    $(document).on("click", ".removeProdFromCart", function (e) {
      let cart_id = e.target.dataset.cart;
      data = {
        cart_item_id: cart_id,
      };
      ajaxCallBack(
        "models/removeFromCart.php",
        "POST",
        data,
        function (data) {
          ajaxCallBack(
            "models/getAllItems.php?item=cart&id=" + user_id,
            "GET",
            null,
            function (response) {
              displayAllItemsFromCart(response);
            },
            function (xhr) {
              console.log(xhr);
            }
          );
        },
        function (error) {
          console.log(error);
        }
      );
    });
  }
});

function validateForm(e) {
  e.preventDefault();
  //Errors number
  let errorsNumber = 0;
  //input fields
  let firstName = document.querySelector("#firstN");
  let lastName = document.querySelector("#lastN");
  let email = document.querySelector("#email");
```

```javascript
  let password = document.querySelector("#password");
  let confirmPassword = document.querySelector("#passwordConfirm");

  //Regex
  let nameRegex = /^[A-Za-z]{2,}$/;
  let emailRegex = /^[A-Za-z0-9._-]+@[A-Za-z0-9.-]+.[A-Za-z]{2,}$/;
  let passwordRegex =
    /^(?=.*[a-zA-Z])(?=.*\d)(?=.*[!@#$%^&*()_-])[A-Za-z\d!@#$%^&*()_-
]{8,}$/;

  //validate input fields
  validateInputFields(
    firstName,
    nameRegex,
    "Please enter a First name",
    errorsNumber
  );
  validateInputFields(
    lastName,
    nameRegex,
    "Please enter a Last name",
    errorsNumber
  );
  validateInputFields(
    email,
    emailRegex,
    "Invalid email! example (name@example.com)",
    errorsNumber
  );
  validateInputFields(
    password,
    passwordRegex,
    "Invalid password! Must be at least 8 characters long. At least one
uppercase letter, one lowercase letter, one number, and one special
character",
    errorsNumber
  );

  //Confirm password matching
  let cp = confirmPassword.parentElement.querySelector(".error");
  if (
    confirmPassword.value !== password.value ||
    confirmPassword.value.length === 0
```

```javascript
    ) {
      cp.textContent = "Password does not match";
      confirmPassword.classList.add("warrning");
      errorsNumber++;
    } else {
      cp.textContent = "";
      confirmPassword.classList.remove("warrning");
    }

    if (errorsNumber === 0) {
      data = {
        firstName: firstName.value,
        lastName: lastName.value,
        email: email.value,
        password: password.value,
      };
      ajaxCallBack(
        "models/registerUser.php",
        "POST",
        data,
        function (data) {
          document.querySelector(
            ".success"
          ).innerHTML = `<p class="text-success">${data}</p>`;
        },
        function (xhr) {
          console.log(xhr);
        }
      );
    }
}
function validateInputFields(field, regex, message, errorsNumber) {
  let errorBlock = field.parentElement.querySelector(".error");
  if (!regex.test(field.value)) {
    errorsNumber++;
    errorBlock.innerHTML = message;
    field.classList.add("warrning");
  } else {
    errorBlock.innerHTML = "";
    field.classList.remove("warrning");
  }
}
function ajaxCallBack(url, method, data, result, error) {
```

```javascript
  $.ajax({
    url: url,
    method: method,
    dataType: "json",
    data: data,
    success: result,
    error: error,
  });
}

function ispisProizvoda(products, productsNumber = null) {
  //Max page number
  let pages;
  let currentPage = page + 1;
  if (productsNumber !== null) {
    pages = productsNumber / showPerPage;
    pages = Math.ceil(pages);
  }
  //Pagination settings
  if (productsNumber != null && currentPage == pages) {
    next.forEach((btn) => {
      btn.classList.add("disabled");
    });
  } else {
    next.forEach((btn) => {
      btn.classList.remove("disabled");
    });
  }
  if (page === 0) {
    back.forEach((btn) => {
      btn.classList.add("disabled");
    });
  } else {
    back.forEach((btn) => {
      btn.classList.remove("disabled");
    });
  }

  productContainer.innerHTML = ``;
  products.forEach((prod) => {
    let discount =
      prod.percentage !== null
        ? prod.price - (prod.price * prod.percentage) / 100
```

```
          : prod.price;
    discount = Number(discount);

    productContainer.innerHTML += `<div class="col-lg-4 col-md-6">
    <div class="single-product">
      <img class="img-fluid thumbnail"
src="assets/Productimages/thumbnails/${
        prod.mainImg
      }" alt="">
      <div class="product-details">
        <h6 class='productNameBlock'>${prod.name}</h6>
        <div class="price">
          <h6>$${discount.toFixed(2)}</h6>
          ${
            prod.percentage !== 0
              ? `<h6 class="l-through">${prod.price}</h6>`
              : ""
          }

        </div>
        <div class="prd-bottom">
          <a href="index.php?page=single-product&prodid=${
            prod.product_id
          }" class="social-info" >
          <span class="lnr lnr-move" data-id='${prod.product_id}'></span>
            <p class="hover-text" '>view more</p>
          </a>
        </div>
      </div>
    </div>
  </div>`;
  });
}

function displayAllItemsFromCart(response) {
  cartListContainer.innerHTML = "";
  console.log(response.length);
  if (response.length > 0) {
    response.forEach(function (item) {
      let discount =
        item.percentage !== null
          ? item.price - (item.price * item.percentage) / 100
          : item.price;
```

```
        discount = Number(discount);
        discount = discount.toFixed(2);
        cartListContainer.innerHTML += `
            <tr class='single-item' data-cart="${item.cart_id}">
            <td>
                <div class="media">
                    <div class="d-flex">
                        <img src="assets/ProductImages/thumbnails/${
                            item.mainImg
                        }" height='80' alt="">
                    </div>
                    <div class="media-body">
                        <p class='item_name' data-
id="${item.product_id}">${
        item.name
    }</p>
                    </div>
                </div>
            </td>
            <td>
                <h5 class="price" data-
id="${item.price_id}">$${discount}</h5>
            </td>
            <td>
                <h5 class="size" data-
id="${item.size_id}">${item.size}</h5>
            </td>
            <td>
                <div class="product_count">
                        <input type="number" name="qty" value="${
                            item.quantity
                        }" min="1" max='${
        item.lagetQty
    }' title="Quantity:" class="input-text qty">
                </div>
            </td>
            <td>
                <h5>$${(discount * item.quantity).toFixed(2)}</h5>
            </td>
            <td>
              <img src="assets/img/close.png" class='removeProdFromCart'
alt='close img' data-cart='${
                item.cart_item_id
```

```
                }'>
            </td>
        </tr>
                `;
      subTotal += discount * item.quantity;
    });

    cartListContainer.innerHTML += `
            <tr>
                <td>

                </td>
                <td>

                </td>
                <td>
                    <h5>Subtotal</h5>
                </td>
                <td>
                    <h5>$${subTotal.toFixed(2)}</h5>
                </td>
            </tr>

                `;
  } else {
    document.querySelector(".cart-ct").innerHTML = `
        <div class="alert alert-danger" role="alert">
          Empty Cart!
        </div>
  `;
  }
  allItems = document.querySelectorAll(".single-item");
}

function validateFilters(e, array, type) {
  let cbValue = e.target.dataset.id;
  if (e.target.checked) {
    if (!array.includes(cbValue)) array.push(cbValue);
  } else {
    if (type == "category")
      categoryData = categoryData.filter((x) => x != cbValue);
    if (type == "brand") brandData = brandData.filter((x) => x !==
cbValue);
```

```javascript
    if (type == "gender") genderData = genderData.filter((x) => x !==
cbValue);
  }

  finallyFilter();
}

function finallyFilter() {
  let data = {
    genders: genderData,
    categories: categoryData,
    brands: brandData,
    sort: sortValue,
    showPerPage: showPerPage,
    search: string,
    page: page,
  };
  console.log(data);
  ajaxCallBack(
    "models/filter-sort-products.php",
    "POST",
    data,
    function (data) {
      ispisProizvoda(data.products, data.number);
    },
    function (xhr) {
      productContainer.innerHTML = `<h3 class="text-danger pt-3 pb-
3">${xhr.responseText}</h3>`;
      next.forEach((btn) => {
        btn.classList.add("disabled");
      });
    }
  );
}

function popUpWindow(message, className, none) {
  console.log("usao");
  let popUpWindow = document.querySelector(".popup");
  popUpWindow.innerHTML = "";
  popUpWindow.classList.remove(none);
  popUpWindow.classList.add(className);
  popUpWindow.innerHTML = `${message}`;
  setTimeout(function () {
```

```
        popUpWindow.classList.add(none);
        popUpWindow.classList.remove(className);
    }, 3000);
}
```

Assets/css/customCss/custom.css

```css
.error {
  color: red;
  margin: 0px;
}

.warrning {
  border-color: red !important;
}

.success p {
  font-size: 24px;
}

.nav-tag {
  display: flex;
  align-items: center;
  color: #828bb2;
  font-weight: 500;
}
.btn-custom {
  background: linear-gradient(90deg, #ffba00 0%, #ff6c00 100%);
  border: none;
  color: #fff;
}
.pixel-checkbox {
  height: 17px;
  width: 17px;
}
.show-per-page {
  margin-top: 10px;
}
.perPage,
.nice-select {
  border-radius: 0px;
}
```

```css
.form-group {
  margin-bottom: 0px !important;
}

.shopBtn {
  line-height: 38px;
  background: linear-gradient(90deg, #ffba00 0%, #ff6c00 100%);
  border: 1px solid #eeeeee;
  border-radius: 3px;
  padding: 0px 40px;
  display: inline-block;
  color: #fff;
  text-transform: uppercase;
  font-weight: 500;
}

.shopBtn:hover {
  color: #000;
  background: linear-gradient(90deg, #ffba00 0%, #ff6c00 80%);
}

.popUpWindow {
  position: fixed;
  transition: all 0.5s ease-in-out;
  left: 50%;
  top: 0%;
  transform: translate(-50%, 0%);
  background-color: #ff6c00;
  color: #fff;
  width: 100%;
  height: 150px;
  display: flex;
  justify-content: center;
  align-items: center;
  z-index: 999;
  font-size: 1.8rem;
}

.popUpAdd {
  position: fixed;
  transition: all 0.5s ease-in-out;
  left: 93%;
  bottom: 3%;
```

```css
  transform: translate(-50%, 0%);
  background-color: #ffb900;
  color: #fff;
  width: max-content;
  height: 35px;
  display: flex;
  justify-content: center;
  align-items: center;
  z-index: 999;
  font-size: 1.2rem;
  padding: 10px;
}

.noneAdd {
  position: fixed;
  left: 93%;
  bottom: -100%;
  transform: translate(-50%, 0%);
}

.none {
  position: fixed;
  transition: all 0.5s ease-in-out;
  left: 50%;
  top: -100%;
  transform: translate(-50%, 0%);
  width: 30%;
  height: 150px;
}
.removeProdFromCart {
  cursor: pointer;
}
.disabled {
  pointer-events: none;
  color: gray;
  text-decoration: none;
  cursor: default;
  background-color: transparent !important;
}
.productHeading {
  min-height: 60px;
}
.thumbnail {
```

```css
  height: 255px;
  object-fit: cover;
}
.productNameBlock {
  min-height: 50px;
}
.shopImg {
  width: 55% !important;
  display: unset !important;
}
.profileImg {
  width: 40px;
  height: 40px;
  border-radius: 50%;
  margin-left: 10px;
}
.profileImg .image {
  width: 100%;
  height: 100%;
  object-fit: cover;
  border-radius: 50%;
}
.autor-red {
  display: flex;
  justify-content: space-between;
  align-items: center;
  flex-wrap: wrap;
}
.slika-blok {
  display: flex;
  justify-content: center;
  align-items: center;
}
.content-auror {
  display: flex;
  flex-direction: column;
  justify-content: center;
  align-items: center;
}
.slika {
  width: 80%;
}
```

```css
@media screen and (max-width: 515px) {
  .content-auror h1 {
    font-size: 25px;
  }
}
@media screen and (max-width: 365px) {
  .content-auror h1 {
    font-size: 22px;
  }
}
```

Views/adminPanel/js/customJs/custom.js

```js
if (window.location.search.includes("type=products")) {
  let headers = {
    Image: "mainImg",
    "Poduct Name": "name",
    Brand: "brand",
    Category: "category",
    Price: "price",
    Discount: "percentage",
  };
  ajaxCallBack(
    "../../models/getAllItems.php?item=product",
    "GET",
    null,
    function (data) {
      console.log(data);
      // console.log(data);
      // let ct = document.querySelector(".productTable");
      let ct = document.querySelector(".table-responsive");
      ct.innerHTML = ``;
      let num = 1;

      let table = createHTMLTable(data, headers, "product_id",
"products");
      ct.innerHTML = table;
      // data.forEach((prod) => {
      //   ct.innerHTML += `<tr>
      //   <td>
      //     ${num++}
      //   </td>
```

```
        //    <td>
        //      <img src=../../assets/ProductImages/${prod.mainImg}>
        //    </td>
        //    <td>
        //      ${prod.name}
        //    </td>
        //    <td>
        //    ${prod.brand}
        //    </td>
        //    <td>
        //    ${prod.category}
        //    </td>
        //    <td>
        //    ${prod.price}
        //    </td>
        //    <td>
        //    ${prod.percentage === null ? "No discount" : prod.percentage}
        //    </td>
        //    <td>
        //        <a class="btn btn-warning">Edit</a>
        //    </td>
        //    <td>
        //    <a class="btn btn-danger">Delete</a>
        //    </td>
        // </tr>`;
        // });
      },
      function (xhr) {
        console.log(xhr);
      }
    );
    deleteItem("products", "product_id", headers);
  } else if (window.location.search.includes("categories")) {
    let headers = {
      Category: "category",
    };
    ajaxCallBack(
      "../../models/getAllItems.php?item=categories",
      "GET",
      null,
      function (data) {
        // console.log(data);
        // let ct = document.querySelector(".productTable");
```

```javascript
      let ct = document.querySelector(".table-responsive");
      ct.innerHTML = ``;

      let table = createHTMLTable(data, headers, "category_id",
"categories");
      ct.innerHTML = table;
    },
    function (xhr) {
      console.log(xhr);
    }
  );
  deleteItem("categories", "category_id", headers);
} else if (window.location.search.includes("brands")) {
  let headers = {
    Brand: "brand",
  };
  ajaxCallBack(
    "../../models/getAllItems.php?item=brands",
    "GET",
    null,
    function (data) {
      // console.log(data);
      // let ct = document.querySelector(".productTable");
      let ct = document.querySelector(".table-responsive");
      ct.innerHTML = ``;

      let table = createHTMLTable(data, headers, "brand_id", "brands");
      ct.innerHTML = table;
    },
    function (xhr) {
      console.log(xhr);
    }
  );
  deleteItem("brands", "brand_id", headers);
} else if (window.location.search.includes("sizes")) {
  let headers = {
    Size: "size",
  };
  ajaxCallBack(
    "../../models/getAllItems.php?item=sizes",
    "GET",
    null,
    function (data) {
```

```javascript
        console.log(data);
        // let ct = document.querySelector(".productTable");
        let ct = document.querySelector(".table-responsive");
        ct.innerHTML = ``;

        let table = createHTMLTable(data, headers, "size_id", "sizes");
        ct.innerHTML = table;
      },
      function (xhr) {
        console.log(xhr);
      }
    );
    deleteItem("sizes", "size_id", headers);
  } else if (window.location.search.includes("specifications")) {
    let headers = {
      Specification: "specification",
    };
    ajaxCallBack(
      "../../models/getAllItems.php?item=specifications",
      "GET",
      null,
      function (data) {
        console.log(data);
        // let ct = document.querySelector(".productTable");
        let ct = document.querySelector(".table-responsive");
        ct.innerHTML = ``;

        let table = createHTMLTable(
          data,
          headers,
          "specification_id",
          "specifications"
        );
        ct.innerHTML = table;
      },
      function (xhr) {
        console.log(xhr);
      }
    );
    deleteItem("specifications", "specification_id", headers);
  } else if (window.location.search.includes("genders")) {
    let headers = {
      Gender: "gender",
```

```javascript
    };
    ajaxCallBack(
      "../../models/getAllItems.php?item=genders",
      "GET",
      null,
      function (data) {
        console.log(data);
        // let ct = document.querySelector(".productTable");
        let ct = document.querySelector(".table-responsive");
        ct.innerHTML = ``;

        let table = createHTMLTable(data, headers, "gender_id", "genders");
        ct.innerHTML = table;
      },
      function (xhr) {
        console.log(xhr);
      }
    );
    deleteItem("genders", "gender_id", headers);
  } else if (window.location.search.includes("users")) {
    let headers = {
      "First Name": "first_name",
      "Last Name": "last_name",
      Email: "email",
      Role: "role",
      "Is Blocked": "is_blocked",
    };
    ajaxCallBack(
      "../../models/getAllItems.php?item=users",
      "GET",
      null,
      function (data) {
        console.log(data);
        // let ct = document.querySelector(".productTable");
        let ct = document.querySelector(".table-responsive");
        ct.innerHTML = ``;

        let table = createHTMLTable(data, headers, "user_id", "users");
        ct.innerHTML = table;
      },
      function (xhr) {
        console.log(xhr);
      }
```

```javascript
  );
  deleteItem("users", "user_id", headers);
} else if (window.location.search.includes("roles")) {
  let headers = {
    Role: "role",
  };
  ajaxCallBack(
    "../../models/getAllItems.php?item=roles",
    "GET",
    null,
    function (data) {
      console.log(data);
      // let ct = document.querySelector(".productTable");
      let ct = document.querySelector(".table-responsive");
      ct.innerHTML = ``;

      let table = createHTMLTable(data, headers, "role_id", "roles");
      ct.innerHTML = table;
    },
    function (xhr) {
      console.log(xhr);
    }
  );
  deleteItem("roles", "role_id", headers);
} else if (window.location.search.includes("discounts")) {
  let headers = {
    "Discounts percentage": "percentage",
    Active: "is_active",
  };
  ajaxCallBack(
    "../../models/getAllItems.php?item=discounts",
    "GET",
    null,
    function (data) {
      console.log(data);
      // let ct = document.querySelector(".productTable");
      let ct = document.querySelector(".table-responsive");
      ct.innerHTML = ``;

      let table = createHTMLTable(data, headers, "discount_id",
"discounts");
      ct.innerHTML = table;
    },
```

```javascript
      function (xhr) {
        console.log(xhr);
      }
    );
    deleteItem("discounts", "discount_id", headers);
}
if (window.location.search.includes("page=edit&table=products")) {
  const urlParams = new URLSearchParams(window.location.search);
  const myParam = urlParams.get("id");

  //LOAD AVALIBLE SIZES
  ajaxCallBack(
    "../../models/getAllItems.php?item=product_size&id=" + myParam,
    "GET",
    null,
    function (data) {
      console.log(data);
      let block = document.querySelector(".sizes");
      data.forEach((size) => {
        block.innerHTML += `
          <div class="size d-flex my-3 align-items-center">
                <h4 class="mr-3 my-0 mx-0">${size.size}</h4>
                <a href="#" data-id="${size.ps_id}" class="btn btn-danger
btn-sm removeSize">Delete</a>
          </div>
        `;
      });
    },
    function (xhr) {
      console.log(xhr);
    }
  );

  let addSize = document.querySelector("#addSizeBtn");

  //ADD SIZE
  addSize.addEventListener("click", function (e) {
    e.preventDefault();
    let sizeId = document.querySelector("#addSizeDdl");
    let data = {
      size_id: sizeId.value,
      product_id: myParam,
    };
```

```
    ajaxCallBack(
      "../../models/insert.php?table=product_size",
      "POST",
      data,
      function (data) {
        ajaxCallBack(
          "../../models/getAllItems.php?item=product_size&id=" + myParam,
          "GET",
          null,
          function (data) {
            console.log(data);
            let block = document.querySelector(".sizes");
            block.innerHTML = ``;
            data.forEach((size) => {
              block.innerHTML += `
                <div class="size d-flex my-3 align-items-center">
                        <h4 class="mr-3 my-0 mx-0">${size.size}</h4>
                        <a href="#" data-id="${size.ps_id}" class="btn btn-
danger btn-sm removeSize">Delete</a>
                </div>
              `;
            });
          },
          function (xhr) {
            console.log(xhr);
          }
        );
      },
      function (xhr) {
        console.log(xhr);
      }
    );
  });

  //REMOVE SIZE
  $(document).on("click", ".removeSize", function (e) {
    let id = e.target.dataset.id;
    e.preventDefault();
    let data = {
      table: "product_size",
      id: id,
      idName: "ps_id",
    };
```

```javascript
    ajaxCallBack(
      "../../models/delete.php",
      "POST",
      data,
      function (data) {
        ajaxCallBack(
          "../../models/getAllItems.php?item=product_size&id=" + myParam,
          "GET",
          null,
          function (data) {
            let block = document.querySelector(".sizes");
            block.innerHTML = ``;
            data.forEach((size) => {
              block.innerHTML += `
                <div class="size d-flex my-3 align-items-center">
                        <h4 class="mr-3 my-0 mx-0">${size.size}</h4>
                        <a href="#" data-id="${size.ps_id}" class="btn btn-danger btn-sm removeSize">Delete</a>
                </div>
              `;
            });
          },
          function (xhr) {
            console.log(xhr);
          }
        );
      },
      function (xhr) {
        console.log(xhr);
      }
    );
  });

  //LOAD SPECIFICATIONS
  let specificationBlock = document.querySelector(".specification-container");

  ajaxCallBack(
    "../../models/getAllItems.php?item=product_specification&id=" + myParam,
    "GET",
    null,
    function (data) {
```

```javascript
        specificationBlock.innerHTML = "";
        data.forEach((spec) => {
          specificationBlock.innerHTML += `
              <div class="spec mb-3 d-flex align-items-center">
                  <h5 class="my-0 mx-2">${spec.specification}</h5>
                  <input type="text" id="spec-value${spec.prod_spec_id}"
value="${spec.value}">
                  <a  data-id="${spec.prod_spec_id}" class="updateSpec ml-2
btn btn-sm btn-primary">Update</a>
                  <input type="button" data-id="${spec.prod_spec_id}"
class="removeSpec ml-2 btn btn-sm btn-danger" value="Remove">
              </div>
          `;
        });
      }
    );

    //UPDATE SPECIFICATION
    $(document).on("click", ".updateSpec", function (e) {
      let id = e.target.dataset.id;
      let spec_value = document.querySelector(`#spec-value${id}`).value;
      console.log(spec_value);
      data = {
        id: id,
        specification: spec_value,
      };
      ajaxCallBack(
        "../../models/update.php?table=productSpecifications",
        "POST",
        data,
        function (data) {
          let success = document.querySelector(".success-spec");
          success.innerHTML = "<p class='text-success'>Successfully
updated</p>";
        },
        function (xhr) {
          console.log(xhr);
        }
      );
    });

    //REMOVE SPECIFICATION
    $(document).on("click", ".removeSpec", function (e) {
```

```javascript
    let id = e.target.dataset.id;
    data = {
      id: id,
      table: "product_specification",
      idName: "prod_spec_id",
    };
    ajaxCallBack(
      "../../models/delete.php",
      "POST",
      data,
      function (data) {
        ajaxCallBack(
          "../../models/getAllItems.php?item=product_specification&id=" +
            myParam,
          "GET",
          null,
          function (data) {
            console.log(data);
            console.log(data);
            specificationBlock.innerHTML = "";
            data.forEach((spec) => {
              specificationBlock.innerHTML += `
                  <div class="spec mb-3 d-flex align-items-center">
                      <h5 class="my-0 mx-2">${spec.specification}</h5>
                      <input type="text" id="spec-
value${spec.prod_spec_id}" value="${spec.value}">
                      <a  data-id="${spec.prod_spec_id}" class="updateSpec
ml-2 btn btn-sm btn-primary">Update</a>
                      <input type="button" data-id="${spec.prod_spec_id}"
class="removeSpec ml-2 btn btn-sm btn-danger" value="Remove">
                  </div>
              `;
            });
          }
        );
      },
      function (xhr) {
        console.log(xhr);
      }
    );
  });

  //INSERT SPCIFICATION
```

```javascript
$(document).on("click", "#addSpec", function (e) {
  let specificationId = document.querySelector("#specDdl").value;
  let value = document.querySelector("#specificationValue").value;
  data = {
    spec_id: specificationId,
    value: value,
    prod_id: myParam,
  };
  ajaxCallBack(
    "../../models/insert.php?table=product_specification",
    "POST",
    data,
    function (data) {
      ajaxCallBack(
        "../../models/getAllItems.php?item=product_specification&id=" +
          myParam,
        "GET",
        null,
        function (data) {
          console.log(data);
          console.log(data);
          specificationBlock.innerHTML = "";
          data.forEach((spec) => {
            specificationBlock.innerHTML += `
                <div class="spec mb-3 d-flex align-items-center">
                    <h5 class="my-0 mx-2">${spec.specification}</h5>
                    <input type="text" id="spec-
value${spec.prod_spec_id}" value="${spec.value}">
                    <a  data-id="${spec.prod_spec_id}" class="updateSpec
ml-2 btn btn-sm btn-primary">Update</a>
                    <input type="button" data-id="${spec.prod_spec_id}"
class="removeSpec ml-2 btn btn-sm btn-danger" value="Remove">
                </div>
              `;
          });
        }
      );
    },
    function (xhr) {
      console.log(xhr);
    }
  );
});
```

```javascript
    //LOAD IMAGES
    let imagesBlock = document.querySelector(".img-container");

    ajaxCallBack(
      "../../models/getAllItems.php?item=images&id=" + myParam,
      "GET",
      null,
      function (data) {
        console.log(data);
        imagesBlock.innerHTML = "";
        data.forEach((img) => {
          imagesBlock.innerHTML += `
            <div class="img-block my-3">
              <img
src="../../assets/ProductImages/allProductImages/${img.src}"
alt="productImage7" class="ProductImg">
              <a href="#" class="btn btn-danger btn-sm removeProdImg" data-
id="${img.image_id}">Remove</a>
            </div>
          `;
        });
      }
    );

    //REMOVE IMAGE
  $(document).on("click", ".removeProdImg", function (e) {
      e.preventDefault();
      let id = e.target.dataset.id;
      data = {
        id: id,
        table: "images",
        idName: "image_id",
      };
      ajaxCallBack(
        "../../models/delete.php",
        "POST",
        data,
        function (data) {
          ajaxCallBack(
            "../../models/getAllItems.php?item=images&id=" + myParam,
            "GET",
            null,
```

```javascript
        function (data) {
          console.log(data);
          imagesBlock.innerHTML = "";
          data.forEach((img) => {
            imagesBlock.innerHTML += `
              <div class="img-block my-3">
                <img
src="../../assets/ProductImages/allProductImages/${img.src}"
alt="productImage7" class="ProductImg">
                <a href="#" class="btn btn-danger btn-sm removeProdImg"
id="${img.image_id}">Remove</a>
              </div>
            `;
          });
        }
      );
    },
    function (xhr) {
      console.log(xhr);
    }
  );
});
}

function createHTMLTable(data, properties, id, table) {
  var html = "<table class='table table-bordered'>";

  // Generate table headers
  html += "<thead><tr>";
  html += "<th>#</th>";
  Object.keys(properties).forEach(function (property) {
    html += "<th>" + property + "</th>";
  });
  html += "<th>Edit</th>";
  html += "<th>Delete</th>";
  html += "</tr></thead>";

  // Generate table rows
  html += "<tbody>";
  let count = 1;
  data.forEach(function (item) {
    html += "<tr>";
    html += `<td>${count++}</td>`;
```

```javascript
    Object.values(properties).forEach(function (property) {
      if (property == "is_blocked") {
        html +=
          "<td>" + (item[property] == "0" ? `Legit` : `Blocked`) +
"</td>";
      } else {
        html +=
          "<td>" +
          (property === "mainImg"
            ? `<img
src=../../assets/ProductImages/thumbnails/${item[property]}>`
            : item[property]) +
          "</td>";
      }
    });
    html += `<td>
                <a
href="admin.php?page=edit&table=${table}&id=${item[id]}" class="btn btn-
warning editPage" >Edit</a>
                </td>
                <td>
                <a class="btn btn-danger removeItem" data-
id='${item[id]}'>Delete</a>
              </td>`;
    html += "</tr>";
  });
  html += "</tbody>";

  html += "</table>";

  return html;
}

function ajaxCallBack(url, method, data, result, error) {
  $.ajax({
    url: url,
    method: method,
    dataType: "json",
    data: data,
    success: result,
    error: error,
  });
}
```

```javascript
function deleteItem(table, idName, headers) {
  $(document).on("click", ".removeItem", function (e) {
    e.preventDefault();
    let id = e.target.dataset.id;
    ajaxCallBack(
      "../../models/delete.php",
      "POST",
      { id: id, table: table, idName: idName },
      function (data) {
        ajaxCallBack(
          `../../models/getAllItems.php?item=${table}`,
          "GET",
          null,
          function (data) {
            // console.log(data);
            // let ct = document.querySelector(".productTable");
            let ct = document.querySelector(".table-responsive");
            ct.innerHTML = ``;

            let table = createHTMLTable(data, headers, idName);
            ct.innerHTML = table;
          },
          function (xhr) {
            console.log(xhr);
          }
        );
      },
      function (error) {
        console.log(error);
      }
    );
  });
}

let textRegex = /^[A-Za-z0-9\s\'\.]+$/;
let errorBlock = document.querySelector(".error");
let priceRegex = /^[0-9]+$/;
function validationProduct() {
  let productName = document.querySelector("#name");
  let category = document.querySelector("#category");
  let brand = document.querySelector("#brand");
  let price = document.querySelector("#price");
```

```javascript
let gender = document.querySelectorAll(".gender");
let qty = document.querySelector("#qty");
let discount = document.querySelector("#discount");
let description = document.querySelector("#description");
let sizes = document.querySelectorAll(".sizes");

errorBlock.innerHTML = "";

let errorNumber = 0;
// validate(price, priceRegex, "Insert Price!");
if (!priceRegex.test(price.value)) {
  errorNumber++;
  errorBlock.classList.add("alert");
  errorBlock.classList.add("alert-danger");
  errorBlock.innerHTML += "<p>Insert price !</p>";
}

if (!priceRegex.test(qty.value)) {
  errorNumber++;
  errorBlock.classList.add("alert");
  errorBlock.classList.add("alert-danger");
  errorBlock.innerHTML += "<p>Insert quantity !</p>";
}
if (!textRegex.test(productName.value)) {
  errorNumber++;
  errorBlock.classList.add("alert");
  errorBlock.classList.add("alert-danger");
  errorBlock.innerHTML += "<p>Insert product name !</p>";
}

if (!textRegex.test(description.value)) {
  errorNumber++;
  errorBlock.classList.add("alert");
  errorBlock.classList.add("alert-danger");
  errorBlock.innerHTML += "<p>Insert product description !</p>";
}

if (category.selectedIndex == 0) {
  errorNumber++;
  errorBlock.classList.add("alert");
  errorBlock.classList.add("alert-danger");
  errorBlock.innerHTML += "<p>Select product category!</p>";
}
```

```javascript
if (brand.selectedIndex == 0) {
  errorNumber++;
  errorBlock.classList.add("alert");
  errorBlock.classList.add("alert-danger");
  errorBlock.innerHTML += "<p>Select product category!</p>";
}

for (let i = 0; i < gender.length; i++) {
  if (gender[i].checked) {
    break;
  } else {
    errorNumber++;
    errorBlock.classList.add("alert");
    errorBlock.classList.add("alert-danger");
    errorBlock.innerHTML += "<p>Select gender !</p>";
    break;
  }
}
for (let i = 0; i < discount.length; i++) {
  if (discount[i].checked) {
    break;
  } else {
    errorNumber++;
    errorBlock.classList.add("alert");
    errorBlock.classList.add("alert-danger");
    errorBlock.innerHTML += "<p>Select discount !</p>";
    break;
  }
}
for (let i = 0; i < sizes.length; i++) {
  if (sizes[i].checked) {
    break;
  } else {
    errorNumber++;
    errorBlock.classList.add("alert");
    errorBlock.classList.add("alert-danger");
    errorBlock.innerHTML += "<p>Select sizes !</p>";
    break;
  }
}

if (errorNumber > 0) {
  return false;
```

```javascript
  }
  errorBlock.classList.remove("alert");
  errorBlock.classList.remove("alert-danger");
  return true;
}
function validationUptProduct() {
  let productName = document.querySelector("#name");
  let category = document.querySelector("#category");
  let brand = document.querySelector("#brand");
  let gender = document.querySelectorAll(".gender");
  let description = document.querySelector("#description");

  errorBlock.innerHTML = "";

  let errorNumber = 0;
  // validate(price, priceRegex, "Insert Price!");

  if (!textRegex.test(productName.value)) {
    errorNumber++;
    errorBlock.classList.add("alert");
    errorBlock.classList.add("alert-danger");
    errorBlock.innerHTML += "<p>Insert product name !</p>";
  }
  console.log(description.value);
  if (description.value == "") {
    errorNumber++;
    errorBlock.classList.add("alert");
    errorBlock.classList.add("alert-danger");
    errorBlock.innerHTML += "<p>Insert product description !</p>";
  }

  if (category.selectedIndex == 0) {
    errorNumber++;
    errorBlock.classList.add("alert");
    errorBlock.classList.add("alert-danger");
    errorBlock.innerHTML += "<p>Select product category!</p>";
  }
  if (brand.selectedIndex == 0) {
    errorNumber++;
    errorBlock.classList.add("alert");
    errorBlock.classList.add("alert-danger");
    errorBlock.innerHTML += "<p>Select product category!</p>";
  }
```

```javascript
  for (let i = 0; i < gender.length; i++) {
    if (gender[i].checked) {
      break;
    } else {
      errorNumber++;
      errorBlock.classList.add("alert");
      errorBlock.classList.add("alert-danger");
      errorBlock.innerHTML += "<p>Select gender !</p>";
      break;
    }
  }

  if (errorNumber > 0) {
    return false;
  }
  errorBlock.classList.remove("alert");
  errorBlock.classList.remove("alert-danger");
  return true;
}

function validateCategory() {
  let category = document.querySelector("#category");
  let errorNumber = 0;
  if (!textRegex.test(category.value)) {
    errorNumber++;
    errorBlock.classList.add("alert");
    errorBlock.classList.add("alert-danger");
    errorBlock.innerHTML += "<p>Insert category name!</p>";
  } else {
    errorBlock.classList.remove("alert");
    errorBlock.classList.remove("alert-danger");
  }
  if (errorNumber > 0) {
    return false;
  }
  return true;
}
function validateBrand() {
  let brand = document.querySelector("#brand");
  let errorNumber = 0;
  if (!textRegex.test(brand.value)) {
    errorNumber++;
```

```javascript
      errorBlock.classList.add("alert");
      errorBlock.classList.add("alert-danger");
      errorBlock.innerHTML += "<p>Insert brand name !</p>";
  } else {
      errorBlock.classList.remove("alert");
      errorBlock.classList.remove("alert-danger");
  }
  if (errorNumber > 0) {
    return false;
  }
  return true;
}
function validateDiscount() {
  errorBlock.innerHTML = "";
  let discount = document.querySelector("#discount");
  let errorNumber = 0;
  if (!priceRegex.test(discount.value)) {
      errorNumber++;
      errorBlock.classList.add("alert");
      errorBlock.classList.add("alert-danger");
      errorBlock.innerHTML += "<p>Insert discount !</p>";
  } else {
      errorBlock.classList.remove("alert");
      errorBlock.classList.remove("alert-danger");
  }
  if (errorNumber > 0) {
    return false;
  }
  return true;
}
function validateSizes() {
  let sizes = document.querySelector("#size");
  let errorNumber = 0;
  if (!priceRegex.test(sizes.value)) {
      errorNumber++;
      errorBlock.classList.add("alert");
      errorBlock.classList.add("alert-danger");
      errorBlock.innerHTML += "<p>Insert size !</p>";
  } else {
      errorBlock.classList.remove("alert");
      errorBlock.classList.remove("alert-danger");
  }
  if (errorNumber > 0) {
```

```
      return false;
    }
    return true;
}
function validateSpecification() {
    let spec = document.querySelector("#spec");
    let errorNumber = 0;
    if (!textRegex.test(spec.value)) {
        errorNumber++;
        errorBlock.classList.add("alert");
        errorBlock.classList.add("alert-danger");
        errorBlock.innerHTML += "<p>Insert specification !</p>";
    } else {
        errorBlock.classList.remove("alert");
        errorBlock.classList.remove("alert-danger");
    }
    if (errorNumber > 0) {
        return false;
    }
    return true;
}
function validateGender() {
    let gender = document.querySelector("#gender");
    let errorNumber = 0;
    if (!textRegex.test(gender.value)) {
        errorNumber++;
        errorBlock.classList.add("alert");
        errorBlock.classList.add("alert-danger");
        errorBlock.innerHTML += "<p>Insert gender !</p>";
    }
    if (errorNumber > 0) {
        return false;
    }
    errorBlock.classList.remove("alert");
    errorBlock.classList.remove("alert-danger");
    return true;
}
function validateUser() {
    errorBlock.innerHTML = "";

    let first_name = document.querySelector("#fName");
    let last_name = document.querySelector("#lName");
    let email = document.querySelector("#email");
```

```javascript
  let password = document.querySelector("#password");
  let role = document.querySelector("#role");

  let emailRegex = /^[A-Za-z0-9._-]+@[A-Za-z0-9.-]+.[A-Za-z]{2,}$/;
  let passwordRegex =
    /^(?=.*[a-zA-Z])(?=.*\d)(?=.*[!@#$%^&*()_-])[A-Za-z\d!@#$%^&*()_-
]{8,}$/;

  let errorNumber = 0;
  if (!textRegex.test(first_name.value)) {
    errorNumber++;
    errorBlock.classList.add("alert");
    errorBlock.classList.add("alert-danger");
    errorBlock.innerHTML += "<p>Insert First Name !</p>";
  }

  if (!textRegex.test(last_name.value)) {
    errorNumber++;
    errorBlock.classList.add("alert");
    errorBlock.classList.add("alert-danger");
    errorBlock.innerHTML += "<p>Insert Last Name !</p>";
  }
  if (!emailRegex.test(email.value)) {
    errorNumber++;
    errorBlock.classList.add("alert");
    errorBlock.classList.add("alert-danger");
    errorBlock.innerHTML += "<p>Insert email !</p>";
  }

  if (password.value != "") {
    if (!passwordRegex.test(password.value)) {
      errorNumber++;
      errorBlock.classList.add("alert");
      errorBlock.classList.add("alert-danger");
      errorBlock.innerHTML += "<p>Insert password !</p>";
    }
  }

  if (role.selectedIndex == 0) {
    errorNumber++;
    errorBlock.classList.add("alert");
    errorBlock.classList.add("alert-danger");
    errorBlock.innerHTML += "<p>Select role !</p>";
```

```javascript
    }

    if (errorNumber > 0) {
      return false;
    }
    errorBlock.classList.remove("alert");
    errorBlock.classList.remove("alert-danger");
    return true;
}
function validateRole() {
    let role = document.querySelector("#role");
    let errorNumber = 0;
    if (!textRegex.test(role.value)) {
      errorNumber++;
      errorBlock.classList.add("alert");
      errorBlock.classList.add("alert-danger");
      errorBlock.innerHTML += "<p>Insert role !</p>";
    } else {
      errorBlock.classList.remove("alert");
      errorBlock.classList.remove("alert-danger");
    }
    if (errorNumber > 0) {
      return false;
    }
    return true;
}
function validatePrice() {
    errorBlock.innerHTML = "";
    let price = document.querySelector("#price");
    let errorNumber = 0;
    if (!priceRegex.test(price.value)) {
      errorNumber++;
      errorBlock.classList.add("alert");
      errorBlock.classList.add("alert-danger");
      errorBlock.innerHTML += "<p>Insert product price !</p>";
    } else {
      errorBlock.classList.remove("alert");
      errorBlock.classList.remove("alert-danger");
    }
    if (errorNumber > 0) {
      return false;
    }
    return true;
```

```
}
function valdiateQty() {
  errorBlock.innerHTML = "";
  let qty = document.querySelector("#qty");
  let errorNumber = 0;
  if (!priceRegex.test(qty.value)) {
    errorNumber++;
    errorBlock.classList.add("alert");
    errorBlock.classList.add("alert-danger");
    errorBlock.innerHTML += "<p>Insert product quantity !</p>";
  } else {
    errorBlock.classList.remove("alert");
    errorBlock.classList.remove("alert-danger");
  }
  if (errorNumber > 0) {
    return false;
  }
  return true;
}
```