

Visoka škola strukovnih studija za
informacione i komunikacione tehnologije

Praktikum iz web programiranja
PHP

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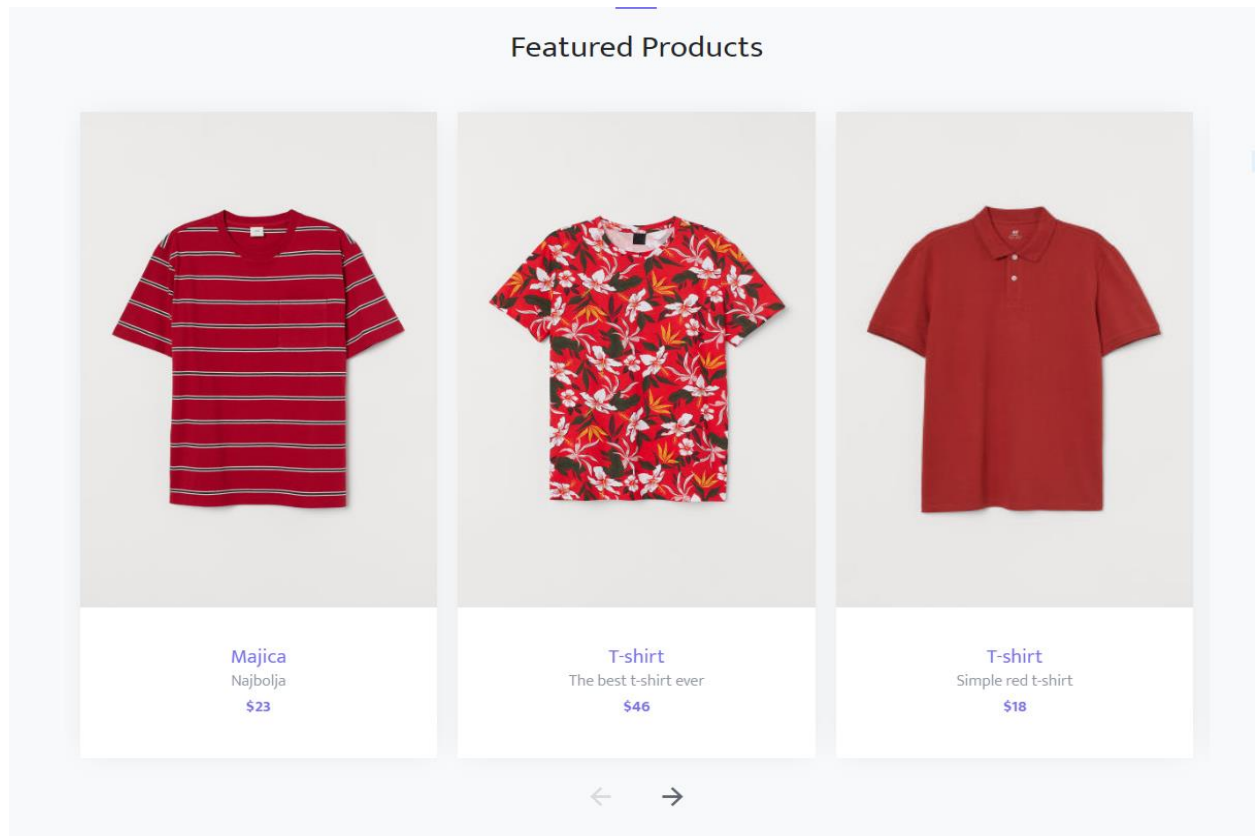
Uvod

Ovaj sajt obrađuje temu online prodavnice odeće i obuće.

- a. Iskorišćen je template sa sajta <https://colorlib.com>
- b. Za izradu sajta su korišćeni sledeći programski jezici i biblioteke:
 - HTML
 - CSS
 - JavaScript
 - JQuery
 - PHP
- c. Funkcionalnosti sajta:
 - Registracija
 - Logovanje
 - Pretraga proizvoda
 - Sortiranje proizvoda
 - Filtriranje proizvoda
 - Popunjavanje korpe proizvodima
 - Admin panel sa mogućnošću brisanja, ažuriranja i unosa proizvoda i korisnika
 - Export stranice „O autoru“ kao word dokument
 - Export tabele korisnika kao excel dokument
 - Dinamičko ispisivanje sadržaja
 - Paginacija
 - Upis pristupa sajtu u log fajl

Template

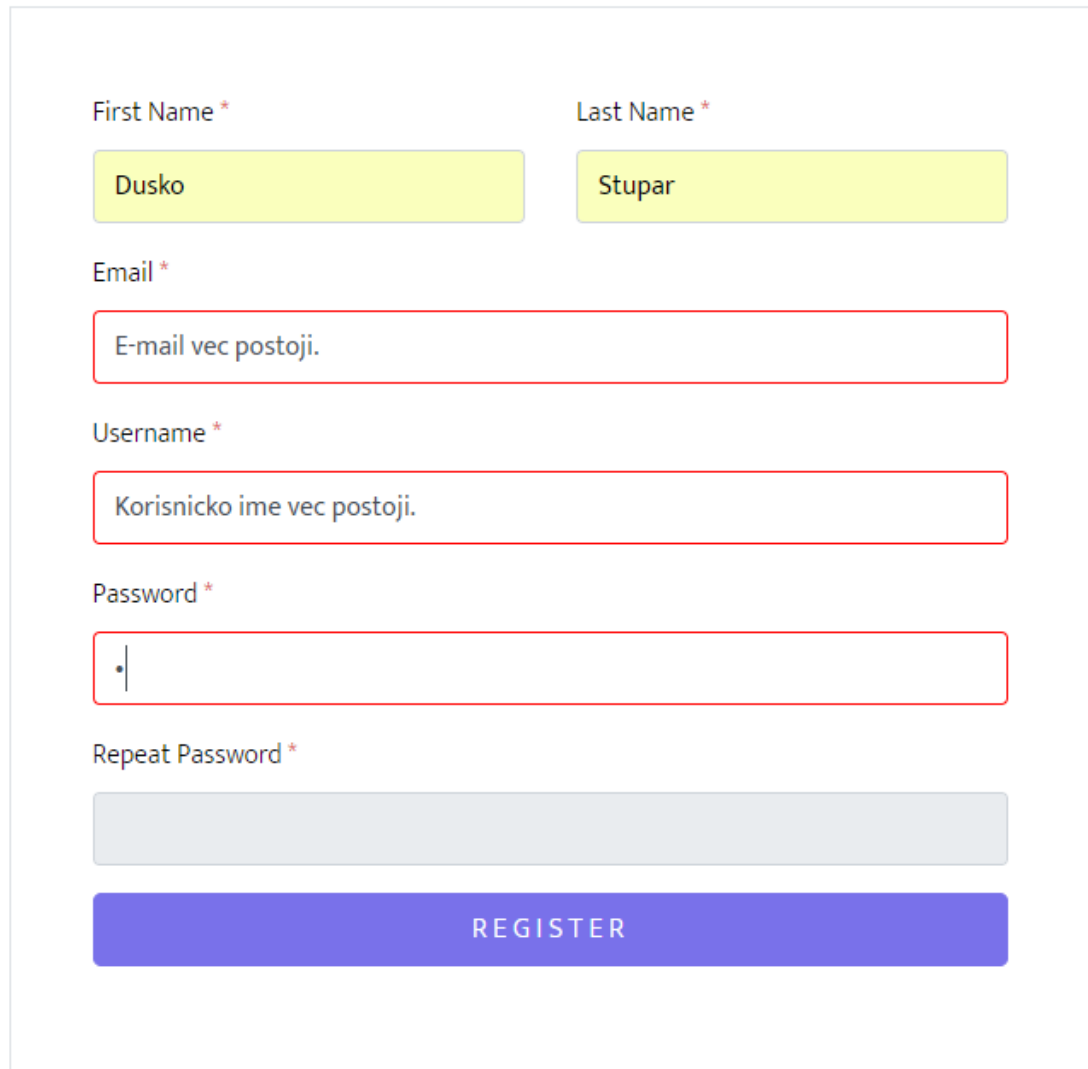
Index



Na početnoj stranici se dinamički učitava slider sa 5 proizvoda.

Registration

Registration



The registration form is displayed within a light gray border. It contains several input fields and a submit button. The 'First Name' and 'Last Name' fields are filled with 'Dusko' and 'Stupar' respectively, and have a yellow background. The 'Email' field has a red border and contains the text 'E-mail vec postoji.'. The 'Username' field also has a red border and contains the text 'Korisnicko ime vec postoji.'. The 'Password' field has a red border and contains a single dot. The 'Repeat Password' field is empty and has a light gray background. A blue 'REGISTER' button is at the bottom.

First Name *	Last Name *
Dusko	Stupar
Email *	
E-mail vec postoji.	
Username *	
Korisnicko ime vec postoji.	
Password *	
•	
Repeat Password *	
REGISTER	

Prilikom registracije korisnika pored regularnih izraza proverava i da li se uneti e-mail već koristi, kao i da li je korisničko ime zauzeto. U slučaju da šifra nije odgovarajuća, Onemogućava se ponovni upis šifre.

Author



Dusko Stupar

Rodjen 1997. godine u Budimu, sa 5 godina sam otkrio svoje nadljudske sposobnosti za programiranje.

Od tog dana pa do danas, programiram 8 sati dnevno i radim sklekove. Upisao sam visoku ICT skolu strukovnih studija 2016. godine i trenutna prosečna ocena mi je 10. Sportski pozdrav.

[GET WORD DOCUMENT](#)

Na stranici o autoru se nalazi taster koji omogućava preuzimanje informacija o autoru u vidu word dokumenta.

Shop

CATEGORIES

Female

(6)

Kids

(9)

Male

(7)

SIZE

☐ XS (10)

☐ S (10)

☐ M (8)

☐ L (7)

☐ XL (6)

☐ XXL (5)

COLOR

☒ Red (4)

☐ Green (2)

☐ Blue (3)

☐ Purple (0)


☐ Yellow (4)

Shop All


Color

Sort by


Rectangular Sm



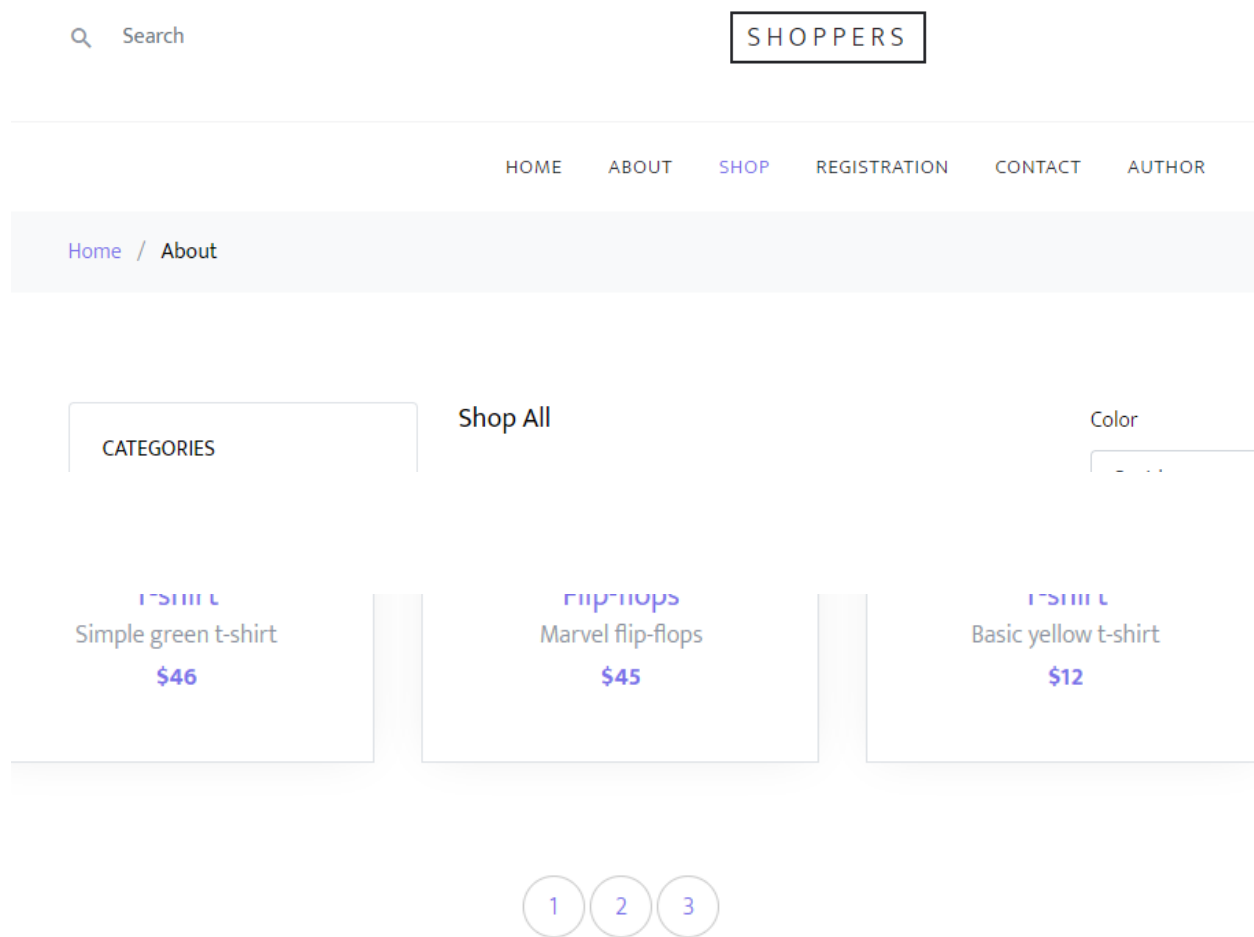
Majica
Najbolja
\$23



T-shirt
The best t-shirt ever
\$46



T-shirt
Simple red t-shirt
\$18



Na stranici shop je omogućeno filtriranje i sortiranje proizvoda i njihova pretraga, takođe, proizvodi su dinamički učitani. Na stranici postoji i paginacija.

Admin panel

[Home](#) / [About](#)

SHOW USERS

SHOW PRODUCTS

Users

No.	First name	Last name	Username	E-mail	Role	Activity	Options	
1	Dusko	Stupar	dusko128	dusko.stupar.128.16@ict.edu.rs	administrator	● Online	DELETE	UPDATE
2	Jovan	Jovanovic	jovan1234	jovan@gmail.com	customer	● Offline	DELETE	UPDATE
3	Stefan	Drobnjak	stefan123	stefan@gmail.com	customer	● Offline	DELETE	UPDATE
4	Stojan	Jovanovic	boban1234	boba@gmail.com	customer	● Offline	DELETE	UPDATE
DOWNLOAD EXCEL TABLE								

DOWNLOAD EXCEL TABLE

×

First Name *

Dusko

Last Name *

Stupar

Email *

dusko.stupar.128.16@ict.edu.rs

Username *

dusko128

Password *

.....

Repeat Password *

.....

UPDATE

U admin panelu se ispisuju korisnici, da li su ulogovani i postoji mogućnost ažuriranja korisnika kao i mogućnost brisanja.

Insert product

Insert Product

Title

Description

Price

GENDER

☐ Female

☐ Kids

☐ Male

Color

Select color

Category

Select category

SIZE

☐ XS

☐ S

☐ M

☐ L

☐ XL

☐ XXL

Image



Choose File

No file chosen

INSERT PRODUCT

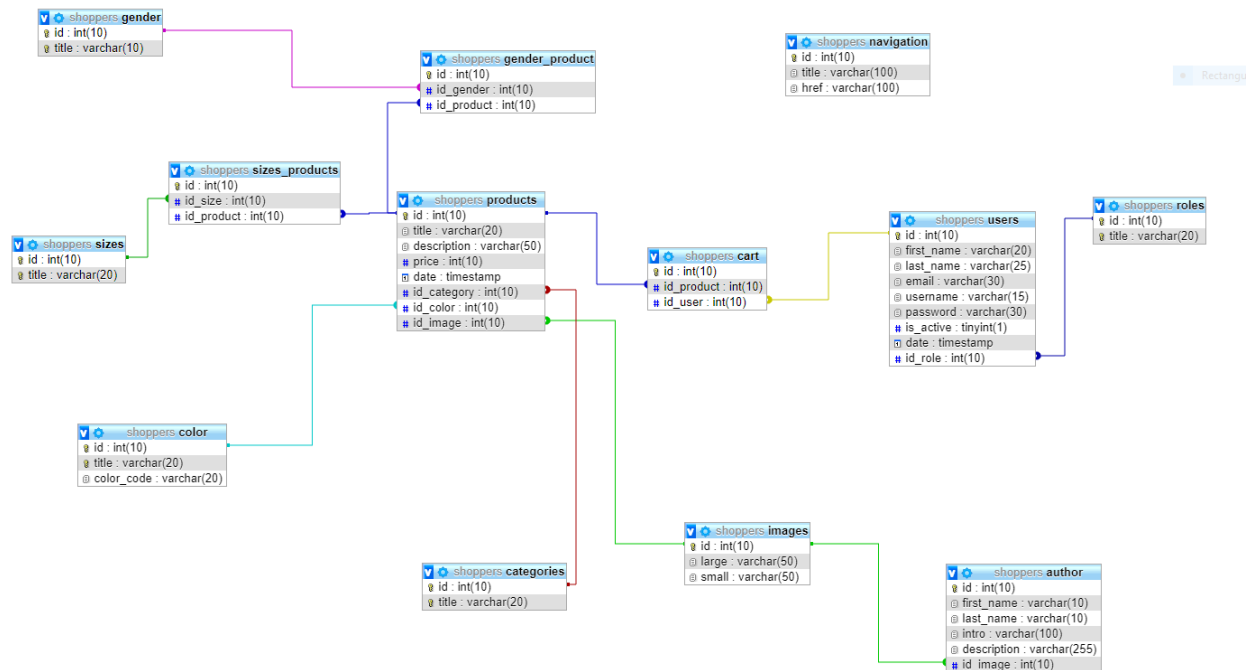
Na stranici insert product se nalazi forma koja služi za unos novog proizvoda.

Cart

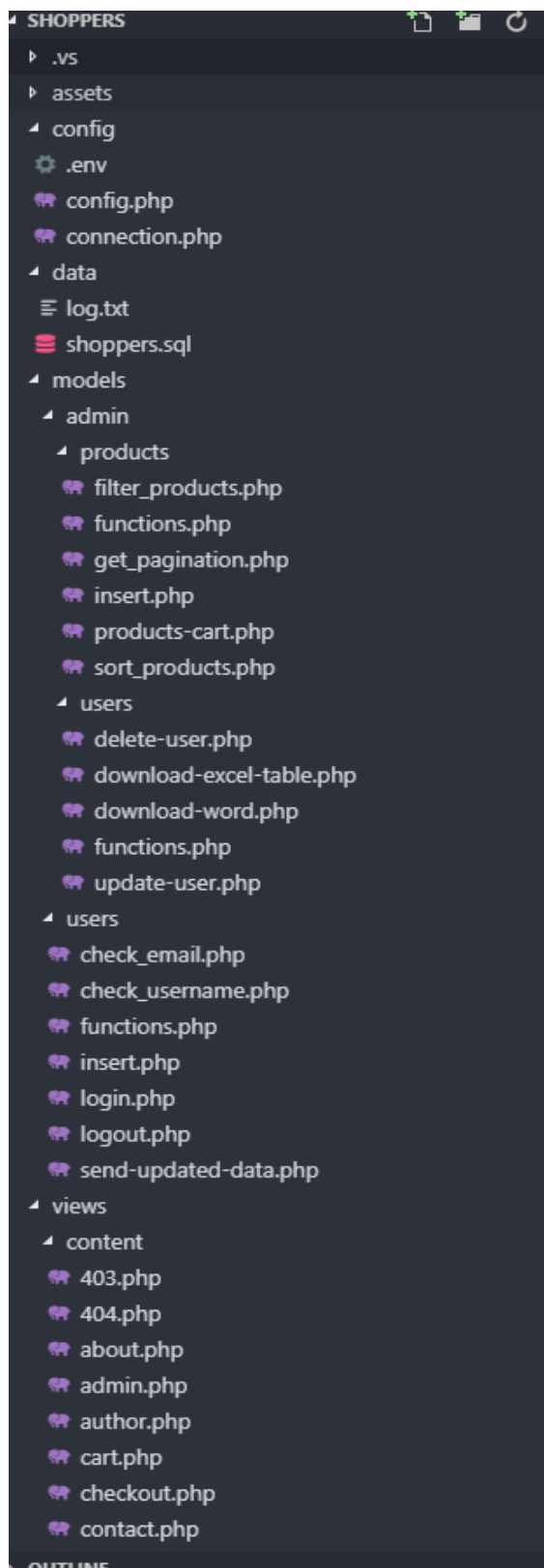
Image	Product	Price	Quantity	Total	Remove
	Pool shoes	\$33	<div><div>-</div><div>1</div><div>+</div></div>	\$33	<div>X</div>
	T-shirt	\$13	<div><div>-</div><div>1</div><div>+</div></div>	\$13	<div>X</div>

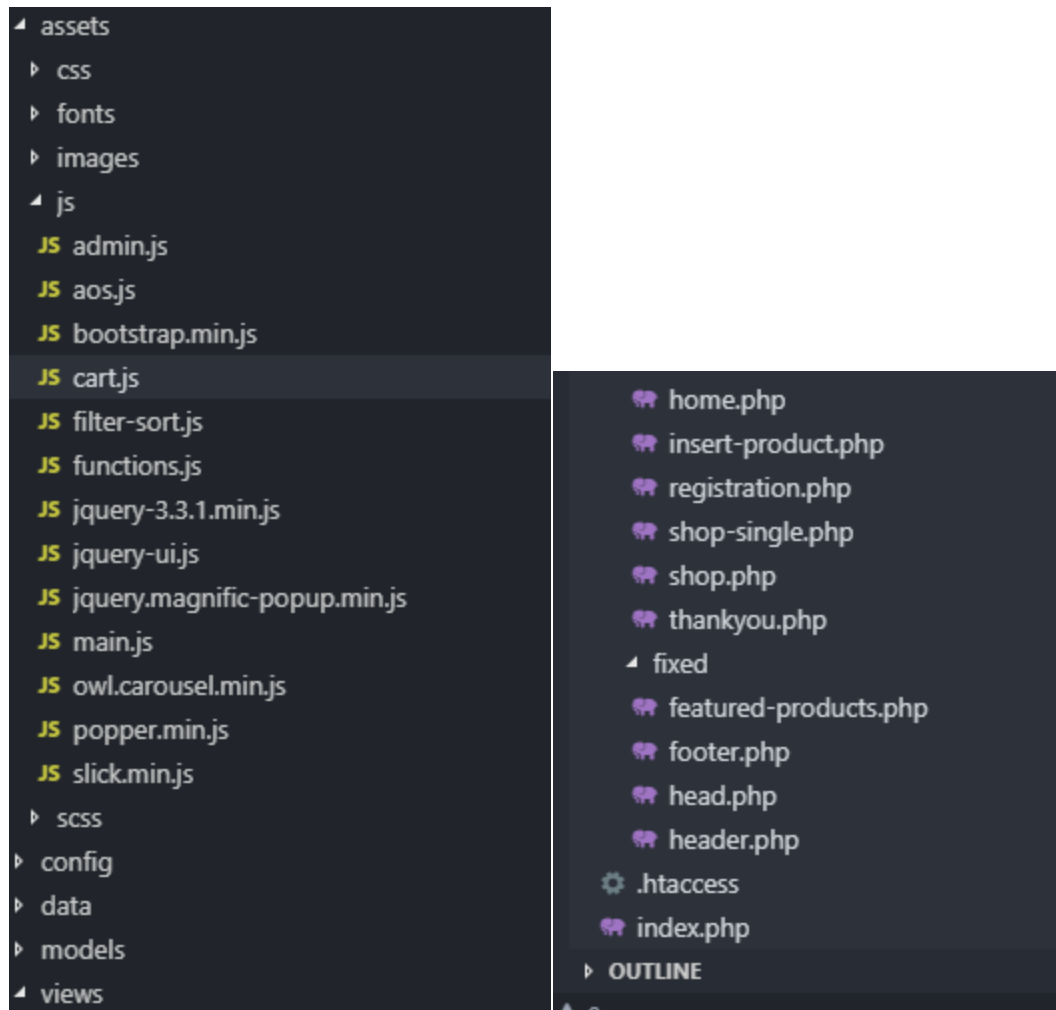
Na stranici cart se izlistavaju proizvodi koje je korisnik izabrao.

Dizajn baze



Struktura foldera





Sitemap

```
1. <?xml version="1.0" encoding="UTF-8"?>
2. <urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
3.     <url>
4.         <loc>https://shoppers-
      clothing.000webhostapp.com/index.php?page=home</loc>
5.         <lastmod>2019-06-14</lastmod>
6.         <changefreq>daily</changefreq>
7.         <priority>0.9</priority>
8.     </url>
9.     <url>
10.        <loc>https://shoppers-
      clothing.000webhostapp.com/index.php?page=cart</loc>
11.        <lastmod>2019-06-14</lastmod>
12.        <changefreq>monthly</changefreq>
13.        <priority>0.6</priority>
14.    </url>
```

```

15.         <url>
16.         <loc>https://shoppers-
            clothing.000webhostapp.com/index.php?page=shop</loc>
17.         <lastmod>2019-06-14</lastmod>
18.         <changefreq>monthly</changefreq>
19.         <priority>0.6</priority>
20.         </url>
21.         <url>
22.         <loc>https://shoppers-
            clothing.000webhostapp.com/index.php?page=author</loc>
23.         <lastmod>2019-06-14</lastmod>
24.         <changefreq>yearly</changefreq>
25.         <priority>0.5</priority>
26.         </url>
27.         <url>
28.         <loc>https://shoppers-
            clothing.000webhostapp.com/index.php?page=about</loc>
29.         <lastmod>2019-06-14</lastmod>
30.         <changefreq>yearly</changefreq>
31.         <priority>0.4</priority>
32.     </url>
33.</urlset>

```

6. Kodovi

6.1 index.php

```

<?php
    session_start();
    require_once "config/connection.php";

    include "views/fixed/head.php";
    include "views/fixed/header.php";
    if(!isset($_GET['page'])){
        include "views/content/home.php";
    }else {
        switch($_GET['page']){
            case 'about':
                include "views/content/about.php";
                break;
            case 'shop':
                include "views/content/shop.php";
                break;

```

```
case 'contact':
    include "views/content/contact.php";
    break;
case 'registration':
    include "views/content/registration.php";
    break;
case 'author':
    include "views/content/author.php";
    break;
case 'cart':
    include "views/content/cart.php";
    break;
case 'admin':
    if(isset($_SESSION['user'])){
        if($_SESSION['user']->role == "administrator"){
            include "views/content/admin.php";
        }else {
            include "views/content/404.php";
        }
    }else {
        include "views/content/404.php";
    }
    break;
case 'insert-product':
    if(isset($_SESSION['user'])){
        if($_SESSION['user']->role == "administrator"){
            include "views/content/insert-product.php";
        }else {
            include "views/content/404.php";
        }
    }else {
        include "views/content/404.php";
    }
    break;
case 'home':
    include "views/content/home.php";
    break;
case 'single_product':
    if(isset($_GET['id'])){
        include "views/content/shop-single.php";
        break;
    }else {
        include "views/content/404.php";
    }
}
```

```

        case 'checkout':
            include "views/content/checkout.php";
            break;
        default:
            include "views/content/404.php";
            break;
    }
}
include "views/fixed/footer.php";
?>

```

6.2. views/fixed/header.php

```

<body>
    <div class="site-wrap">
        <header class="site-navbar" role="banner">
            <div class="site-navbar-top">
                <div class="container">
                    <div class="row align-items-center">

                        <div class="col-6 col-md-4 order-2 order-md-1 site-search-icon text-
left">

                            <?php
                                if(isset($_GET['page'])):
                                    if($_GET['page'] == 'shop'):
                                        $limit = isset($_GET['limit']) ? $_GET['limit'] : 0;
                                    ?>

                                    <form action="" class="site-block-top-search">
                                        <input type="hidden" id="limit-hidden" name="limit-hidden"
value="<?=$limit?>"/>
                                        <span class="icon icon-search2"></span>
                                        <input type="text" id="search-box" class="form-control border-0"
placeholder="Search">
                                    </form>
                                    <?php endif;?>
                                <?php endif;?>
                            </div>

                        <div class="col-12 mb-3 mb-md-0 col-md-4 order-1 order-md-2 text-
center">

                            <div class="site-logo">
                                <a href="index.php?page=home" class="js-logo-clone">Shoppers</a>
                            </div>

```



```

    </div>

    <div class="col-6 col-md-4 order-3 order-md-3 text-right">
        <div class="site-top-icons">
            <ul>
                <?php if(isset($_SESSION['user'])):?>
                    <li><a href="models/users/logout.php">Logout</a></li>
                <?php endif;?>
                <li><a href="#"><span class="icon icon-person"></span></a></li>
                <li><a href="#"><span class="icon icon-heart-
o"></span></a></li>
                <?php if(isset($_SESSION['user'])):?>
                    <li>
                        <a href="index.php?page=cart" class="site-cart">
                            <span class="icon icon-shopping_cart"></span>
                            <span class="count" id="cart-count"></span>
                        </a>
                    </li>
                <?php endif;?>
                <li class="d-inline-block d-md-none ml-md-0"><a href="#"
class="site-menu-toggle js-menu-toggle"><span class="icon-menu"></span></a></li>
            </ul>
        </div>
    </div>

    </div>
</div>
</div>
<nav class="site-navigation text-right text-md-center" role="navigation">
    <div class="container">
        <ul class="site-menu js-clone-nav d-none d-md-block">
            <li class="<?=$_GET['page']=='home'? 'active':''?>"><a
href="index.php?page=home">Home</a></li>
            <li class="<?=$_GET['page']=='about'? 'active':''?>"><a
href="index.php?page=about">About</a></li>
            <li class="<?=$_GET['page']=='shop'? 'active':''?>"><a
href="index.php?page=shop">Shop</a></li>
            <li class="<?=$_GET['page']=='registration'? 'active':''?>"><a
href="index.php?page=registration">Registration</a></li>
            <li class="<?=$_GET['page']=='contact'? 'active':''?>"><a
href="index.php?page=contact">Contact</a></li>
            <li class="<?=$_GET['page']=='author'? 'active':''?>"><a
href="index.php?page=author">Author</a></li>
            <li class="<?=$_GET['page']=='author'? 'active':''?>"><a
href="data/dokumentacija.pdf">Documentation</a></li>

```

```

        <?php if(isset($_SESSION['user'])):?>
            <?php if($_SESSION['user']->role == "administrator"):?>
                <li class="<?= $_GET['page']=='admin'? 'active':'><a
href="index.php?page=admin">Admin</a></li>
                <li class="<?= $_GET['page']=='insert-product'? 'active':'><a
href="index.php?page=insert-product">Insert product</a></li>
            <?php endif;?>
        <?php endif;?>
    </ul>
</div>
</nav>
</header>
<div class="bg-light py-3">
    <div class="container">
        <div class="row">
            <div class="col-md-12 mb-0"><a href="index.php?page=home">Home</a>
<span class="mx-2 mb-0">/</span> <strong class="text-black">About</strong></div>
        </div>
    </div>
</div>

```

6.3 views/fixed/footer.php

```

<footer class="site-footer border-top">
    <div class="container">
        <div class="row">
            <div class="col-lg-6 mb-5 mb-lg-0">
                <div class="row">
                    <div class="col-md-12">
                        <h3 class="footer-heading mb-4">Navigations</h3>
                    </div>
                    <div class="col-md-6 col-lg-4">
                        <ul class="list-unstyled">
                            <li><a href="#">Sell online</a></li>
                            <li><a href="#">Features</a></li>
                            <li><a href="#">Shopping cart</a></li>
                            <li><a href="#">Store builder</a></li>
                        </ul>
                    </div>
                    <div class="col-md-6 col-lg-4">
                        <ul class="list-unstyled">
                            <li><a href="#">Mobile commerce</a></li>
                            <li><a href="#">Dropshipping</a></li>
                            <li><a href="#">Website development</a></li>
                        </ul>
                    </div>
                </div>
            </div>

```

```
</ul>
</div>
<div class="col-md-6 col-lg-4">
  <ul class="list-unstyled">
    <li><a href="#">Point of sale</a></li>
    <li><a href="#">Hardware</a></li>
    <li><a href="#">Software</a></li>
  </ul>
</div>
</div>
</div>
<div class="col-md-6 col-lg-3 mb-4 mb-lg-0">
  <h3 class="footer-heading mb-4">Promo</h3>
  <a href="#" class="block-6">
    
    <h3 class="font-weight-light mb-0">Finding Your Perfect Shoes</h3>
    <p>Promo from January 15 &mdash; 25, 2019</p>
  </a>
</div>
<div class="col-md-6 col-lg-3">
  <div class="block-5 mb-5">
    <h3 class="footer-heading mb-4">Contact Info</h3>
    <ul class="list-unstyled">
      <li class="address">203 Fake St. Mountain View, San Francisco,
California, USA</li>
      <li class="phone"><a href="tel://23923929210">+2 392 3929
210</a></li>
      <li class="email">emailaddress@domain.com</li>
    </ul>
  </div>
  <?php if(!isset($_SESSION['user'])):??>
  <div class="block-7">
    <form action="#" method="POST">
      <label for="login_username" class="footer-heading">Log in</label>
      <div class="form-group">
        <input type="text" class="form-control py-4"
id="login_username" placeholder="Username">
      </div>
      <div class="form-group">
        <input type="password" class="form-control py-4"
id="login_password" placeholder="Password">
        <input type="submit" id="login_submit" class="btn btn-sm btn-
primary" value="Send">
      </div>
    </form>
  </div>
</div>
```

```

        </form>
        <a href="index.php?page=registration">Create account</a>
    </div>
    <?php endif;?>
</div>
</div>
<div class="row pt-5 mt-5 text-center">
    <div class="col-md-12">
        <p>
            <!-- Link back to Colorlib can't be removed. Template is licensed
under CC BY 3.0. -->
            Copyright &copy;<script data-cfasync="false" src="/cdn-
cgi/scripts/5c5dd728/cloudflare-static/email-
decode.min.js"></script><script>document.write(new
Date().getFullYear());</script> All rights reserved | This template is made with
<i class="icon-heart" aria-hidden="true"></i> by <a href="https://colorlib.com"
target="_blank" class="text-primary">Colorlib</a>
            <!-- Link back to Colorlib can't be removed. Template is licensed
under CC BY 3.0. -->
        </p>
    </div>
</div>
</div>
</div>
</footer>
</div>

<script src="assets/js/jquery-3.3.1.min.js"></script>
<script src="assets/js/jquery-ui.js"></script>
<script src="assets/js/popper.min.js"></script>
<script src="assets/js/bootstrap.min.js"></script>
<script src="assets/js/owl.carousel.min.js"></script>
<script src="assets/js/jquery.magnific-popup.min.js"></script>
<script src="assets/js/aos.js"></script>

<script src="assets/js/main.js"></script>
<script src="assets/js/functions.js"></script>
<?php
    if(isset($_SESSION['user'])):
?>
<script src="assets/js/cart.js"></script>
    <?php endif;?>
<?php
    if(isset($_GET['page'])) {
        switch($_GET['page']) {

```

```

        case 'admin':
            echo '<script src="assets/js/admin.js"></script>';
            break;
        case 'insert-product':
            echo '<script src="assets/js/admin.js"></script>';
            break;
        case 'shop':
            echo '<script src="assets/js/filter-sort.js"></script>';
            break;
    }
}
?>
</body>
</html>

```

6.4 views/fixed/featured-products.php

```

<div class="site-section block-3 site-blocks-2 bg-light">
    <div class="container">
        <div class="row justify-content-center">
            <div class="col-md-7 site-section-heading text-center pt-4">
                <h2>Featured Products</h2>
            </div>
        </div>
        <div class="row">
            <div class="col-md-12">
                <div class="nonloop-block-3 owl-carousel">
                    <?php
                        include "models/admin/products/functions.php";
                        $products = featuredProducts();
                        foreach($products as $product):
                    ?>
                        <div class="item">
                            <div class="block-4 text-center">
                                <figure class="block-4-image">
                                    title?>"
class="img-fluid">
                                </figure>
                                <div class="block-4-text p-4">
                                    <h3><a href="#"><?=$product->title?></a></h3>
                                    <p class="mb-0"><?=$product->description?></p>
                                    <p class="text-primary font-weight-bold">$<?=$product-
>price?></p>
                                </div>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>

```

```

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

```

6.5 views/content/shop.php

```

<div class="site-section">
  <div class="container">
    <input type="hidden" id="hdn_products"
value="<?=isset($_SESSION['user'])?$_SESSION['user']->user_id:""?">"/>
    <div class="row mb-5">
      <div class="col-md-9 order-2">

        <div class="row">
          <div class="col-md-12 mb-5">
            <div class="float-md-left mb-4"><h2 class="text-black h5">Shop
All</h2></div>
            <div class="d-flex">
              <div class="dropdown mr-1 ml-md-auto">

                </div>
              <div class="col-md-6">
                <label for="ddl_sort" class="text-black">Color </label>
                <select class="form-control" id="ddl_sort" name="ddl_sort">
                  <option value="0">Sort by</option>
                  <?php
                    $options = [
                      [
                        "value" => 1,
                        "title" => "Name asc"
                      ],
                      [
                        "value" => 2,
                        "title" => "Name desc"
                      ],
                      [
                        "value" => 3,
                        "title" => "Price asc"
                      ],
                      [
                        "value" => 4,
                        "title" => "Price desc"
                      ]
                    ]

```

```

        ];
        foreach($options as $option):
    ?>
        <option
value="<?=$option['value']?>"><?=$option['title']?></option>
        <?php endforeach;?>
        </select>
    </div>
</div>
</div>
</div>
<div class="row mb-5" id="products">
<?php
    include "models/admin/products/functions.php";

    $limit = isset($_GET['limit']) ? $_GET['limit'] : 0;
    $products = getProducts($limit);
    foreach($products as $product):
    ?>
        <div class="col-sm-6 col-lg-4 mb-4" data-aos="fade-up">
            <div class="block-4 text-center border">
                <figure class="block-4-image">
                    <a href="index.php?page=single_product&id=<?=$product-
>product_id?>">title?>"
class="img-fluid"></a>
                </figure>
                <div class="block-4-text p-4">
                    <h3><a href="index.php?page=single_product&id=<?=$product-
>product_id?>"><?=$product->title?></a></h3>
                    <p class="mb-0"><?=$product->description?></p>
                    <p class="text-primary font-weight-bold">$<?=$product-
>price?></p>
                    <?php
                        if(isset($_SESSION['user'])):
                    ?>
                    <p>
                        <a href="index.php?page=shop" class="btn btn-sm btn-primary
insert-in-cart" data-id="<?=$product->product_id?>">Shop Now</a>
                    </p>
                    <?php endif;?>
                </div>
            </div>
        </div>
    </div>
    <?php endforeach;?>

```

```

    </div>
    <div class="row" data-aos="fade-up">
        <div class="col-md-12 text-center">
            <div class="site-block-27">
                <ul id="pagination">
                    <?php
                        $num = paginationCount();
                        for($i = 0; $i < $num; $i++):
                    ?>
                        <li><a href="#" class="pagination" data-limit="<?=$i ?>"><?=$i+1?></a></li>
                    <?php endfor;?>
                </ul>
            </div>
        </div>
    </div>
</div>

<div class="col-md-3 order-1 mb-5 mb-md-0">
    <div class="border p-4 rounded mb-4">
        <h3 class="mb-3 h6 text-uppercase text-black d-block">Categories</h3>
        <ul class="list-unstyled mb-0">
            <?php
                $genders = getGenders();

                foreach($genders as $gender):
                    $numOfProducts = genderProductCount($gender->id);
                ?>
                <li class="mb-1"><a href="#" class="d-flex filter-gender" data-gender="<?=$gender->id?>"><span><?=$gender->title?></span> <span class="text-black ml-auto">(<?=$numOfProducts->gender_count?>)</span></a></li>
            <?php endforeach; ?>
        </ul>
    </div>

    <div class="border p-4 rounded mb-4">
        <!-- <div class="mb-4">
            <h3 class="mb-3 h6 text-uppercase text-black d-block">Filter by Price</h3>
            <div id="slider-range" class="border-primary"></div>
            <input type="range" min="1" max="100" value="50" class="slider form-control border-0 pl-0 bg-white" id="myRange">
            </div> -->

            <div class="mb-4">

```



```

        <h3 class="mb-3 h6 text-uppercase text-black d-block">Size</h3>
        <?php
            $sizes = getSizes();
            foreach($sizes as $size):
                $numOfProducts = sizeProductCount($size->id);
            ?>
            <label for="s_<?=strtolower($size->title)?>" class="d-flex"
class="mr-2 mt-1 filter-sizes" value="<?=$size->id?>"> <span class="text-
black"><?=$size->title?> (<?=$numOfProducts->size_count?>)</span>
            </label>
            <?php endforeach;?>
        </div>

        <div class="mb-4">
            <h3 class="mb-3 h6 text-uppercase text-black d-block">Color</h3>
            <?php
                $colors = getColors();
                foreach($colors as $color):
                    $numOfProducts = colorProductCount($color->id);
                ?>
                <a href="#" data-color="<?=$color->id?>" class="d-flex color-item
align-items-center filter-colors" >
                    <span class="bg-<?=$color->color_code?> color d-inline-block
rounded-circle mr-2"></span> <span class="text-black"><?=$color->title?>
(<?=$numOfProducts->color_count?>)</span>
                </a>
                <?php endforeach;?>
            </div>

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

<div class="row">
    <div class="col-md-12">
        <div class="site-section site-blocks-2">
            <div class="row justify-content-center text-center mb-5">
                <div class="col-md-7 site-section-heading pt-4">
                    <h2>Categories</h2>
                </div>
            </div>
            <div class="row">
                <div class="col-sm-6 col-md-6 col-lg-4 mb-4 mb-lg-0" data-
aos="fade" data-aos-delay="">

```

```

        <a class="block-2-item" href="#">
            <figure class="image">
                
            </figure>
            <div class="text">
                <span class="text-uppercase">Collections</span>
                <h3>Women</h3>
            </div>
        </a>
    </div>
    <div class="col-sm-6 col-md-6 col-lg-4 mb-5 mb-lg-0" data-
aos="fade" data-aos-delay="100">
        <a class="block-2-item" href="#">
            <figure class="image">
                
            </figure>
            <div class="text">
                <span class="text-uppercase">Collections</span>
                <h3>Children</h3>
            </div>
        </a>
    </div>
    <div class="col-sm-6 col-md-6 col-lg-4 mb-5 mb-lg-0" data-
aos="fade" data-aos-delay="200">
        <a class="block-2-item" href="#">
            <figure class="image">
                
            </figure>
            <div class="text">
                <span class="text-uppercase">Collections</span>
                <h3>Men</h3>
            </div>
        </a>
    </div>
</div>
</div>
</div>

</div>
</div>

```

6.6 views/content/insert-product.php

```
<?php
    include "models/admin/products/functions.php";
?>
<div class="site-section">
    <div class="container">
        <div class="row">
            <div class="col-md-12">
                <h2 class="h3 mb-3 text-black">Insert Product</h2>
            </div>
            <div class="col-md-7">

                <form id="form" action="" method="POST" enctype="multipart/form-data">

                    <div class="p-3 p-lg-5 border">
                        <div class="form-group row">
                            <div class="col-md-6">
                                <label for="ip_title" class="text-black">Title</label>
                                <input type="text" class="form-control" id="ip_title"
name="ip_title">
                            </div>
                            <div class="col-md-6">
                                <label for="ip_description" class="text-black">Description
</label>
                                <input type="text" class="form-control" id="ip_description"
name="ip_description">
                            </div>
                        </div>
                        <div class="form-group row">
                            <div class="col-md-12">
                                <label for="ip_price" class="text-black">Price </label>
                                <input type="text" class="form-control" id="ip_price"
name="ip_price" placeholder="">
                            </div>
                        </div>
                        <div class="mb-4">
                            <h3 class="mb-3 h6 text-uppercase text-black d-block">Gender</h3>
                            <?php
                                $genders = getGenders();
                                foreach($genders as $gender):
                                    ?>
                                    <label for="g_<?=strtolower($gender->title)?>" class="d-flex">
```

```

        <input type="checkbox" id="g_=strtolower($gender-&gt;title)?"
class="mr-2 mt-1 genders" value="<?=$gender->id?" name="chbGenders[]"> <span
class="text-black"><?=$gender->title?></span>
        </label>
        <?php endforeach;?>
    </div>
    <div class="form-group row">
        <div class="col-md-6">
            <label for="ip_color" class="text-black">Color </label>
            <select class="form-control" id="ip_color" name="ip_color">
                <option value="0">Select color</option>
                <?php
                    $colors = getColors();
                    foreach($colors as $color):
                        ?>
                        <option value="<?=$color->id?"><?=$color->title?></option>
                    <?php endforeach;?>
            </select>
        </div>
        <div class="col-md-6">
            <label for="ip_category" class="text-black">Category </label>
            <select class="form-control" id="ip_category" name="ip_category">
                <option value="0">Select category</option>
                <?php
                    $categories = getCategories();
                    foreach($categories as $category):
                        ?>
                        <option value="<?=$category->id?"><?=$category-
>title?></option>
                    <?php endforeach;?>
            </select>
        </div>
    </div>
    <div class="mb-4">
        <h3 class="mb-3 h6 text-uppercase text-black d-block">Size</h3>
        <?php
            $sizes = getSizes();
            foreach($sizes as $size):
                ?>
                <label for="g_=strtolower($size-&gt;title)?" class="d-flex">
                    <input type="checkbox" id="g_=strtolower($size-&gt;title)?"
class="mr-2 mt-1 sizes" name="chbSizes[]" value="<?=$size->id?"> <span
class="text-black"><?=$size->title?></span>
                </label>
                <?php endforeach;?>

```

```

        </div>
        <div class="form-group row">
            <div class="col-md-12">
                <label for="ip_file" class="text-black">Image</label>
                <input type="file" class="form-control" id="ip_file"
name="ip_file">
            </div>
        </div>
        <div class="form-group row">
            <div class="col-lg-12">
                <input type="submit" class="btn btn-primary btn-lg btn-block"
id="ip_insert" value="Insert product">
            </div>
        </div>
    </form>
</div>
<div class="col-md-5 ml-auto" id="errors">

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

```

6.7 views/content/author.php

```

<div class="site-section border-bottom" data-aos="fade">
    <?php
        $query = $conn->query("SELECT *, i.id AS image_id FROM author a INNER
JOIN images i ON a.id_image = i.id");
        $author = $query->fetch();
    ?>
    <div class="container">
        <div class="row mb-5">
            <div class="col-md-6">
                <div class="block-16">
                    <figure>
                        title?>" class="img-fluid rounded">

                    </figure>
                </div>
            </div>
            <div class="col-md-1"></div>
            <div class="col-md-5">

```

```

        <div class="site-section-heading pt-3 mb-4">
            <h2 class="text-black"><?="{ $author->first_name }\t{ $author->last_name }"?></h2>
        </div>
        <p><?=$author->intro?></p>
        <p><?=$author->description?></p>
        <p><a href="#" class="btn btn-primary btn-sm word-download">Get word document</a></p>
    </div>
</div>
</div>
</div>

```

6.8 views/content/admin.php

```

<?php if(isset($_SESSION['user'])):?>
    <?php if($_SESSION['user']->role == "administrator"):?>
<div class="site-section">
    <div class="container">
        <div class="col-md-6 mb-3 mb-md-0">
            <a href="#" class="btn btn-primary btn-sm" style="margin-bottom: 20px; margin-top: -50px;">Show users</a>
            <a href="#" class="btn btn-primary btn-sm" style="margin-bottom: 20px; margin-top: -50px;">Show products</a>
        </div>
        <div class="site-blocks-table">
            <h1>Users</h1>
            <table class="table table-bordered">
                <thead>
                    <tr>
                        <th class="product-name">No.</th>
                        <th class="product-name">First name</th>
                        <th class="product-name">Last name</th>
                        <th class="product-name">Username</th>
                        <th class="product-name">E-mail</th>
                        <th class="product-name">Role</th>
                        <th class="product-name">Activity</th>
                        <th class="product-remove" colspan="2">Options</th>
                    </tr>
                </thead>
                <tbody>
                    <?php
                        include "models/admin/users/functions.php";

                        $users = getUsers();
                        $br = 1;

```

```

        foreach($users as $user):
?>
        <tr>
            <td class="product-thumbnail">
                <h1><?=$br++;?></h1>
            </td>
            <td class="product-name">
                <h2 class="h5 text-black"><?=$user->first_name;?></h2>
            </td>
            <td>
                <h2 class="h5 text-black"><?=$user->last_name;?></h2>
            </td>
            <td>
                <h2 class="h5 text-black"><?=$user->username;?></h2>
            </td>
            <td><?=$user->email;?></td>
            <td><?=$user->role;?></td>
            <td ><a href="#" class="d-flex color-item align-items-center
filter-colors" >
                <span class="bg-<?=$user->is_active?"success":"danger"?> color d-
inline-block rounded-circle mr-2"></span> <span class="text-black"><?=$user-
>is_active?"Online":"Offline"?></span>
            </a></td>
            <td><a href="#" data-id="<?=$user->user_id;?>" class="btn btn-
primary btn-sm delete">Delete</a></td>
            <td><a href="#" data-id="<?=$user->user_id;?>" class="btn btn-
primary btn-sm update">Update</a></td>
        </tr>
        <?php endforeach;?>
        <tr>
            <td colspan="9"><a class="btn btn-primary btn-sm excel-download"
href="#">Download excel table</a></td>
        </tr>
    </tbody>
</table>
<div class="col-md-7 admin-form" style="display:none;">

    <form action="#" method="POST">
        <span style="float:right;"><a href="#" style="font-size: 36px; padding:
10px;" class="close-form">&times;</a></span>
        <input type="hidden" id="usr_id_hdn" value="">
        <div class="p-3 p-lg-5 border">
            <div class="form-group row">
                <div class="col-md-6">

```

```
        <label for="u_fname" class="text-black">First Name <span
class="text-danger">*</span></label>
        <input type="text" class="form-control" id="u_fname"
name="u_fname">
    </div>
    <div class="col-md-6">
        <label for="u_lname" class="text-black">Last Name <span
class="text-danger">*</span></label>
        <input type="text" class="form-control" id="u_lname"
name="u_lname">
    </div>
</div>
<div class="form-group row">
    <div class="col-md-12">
        <label for="u_email" class="text-black">Email <span class="text-
danger">*</span></label>
        <input type="email" class="form-control" id="u_email"
name="u_email" placeholder="">
    </div>
</div>
<div class="form-group row">
    <div class="col-md-12">
        <label for="u_username" class="text-black">Username <span
class="text-danger">*</span></label>
        <input type="text" class="form-control" id="u_username"
name="u_username">
    </div>
</div>
<div class="form-group row">
    <div class="col-md-12">
        <label for="u_password" class="text-black">Password <span
class="text-danger">*</span></label>
        <input type="password" class="form-control" id="u_password"
name="u_password">
    </div>
</div>
<div class="form-group row">
    <div class="col-md-12">
        <label for="u_password_repeat" class="text-black">Repeat Password
<span class="text-danger">*</span></label>
        <input type="password" disabled="true" class="form-control"
id="u_password_repeat" name="u_password_repeat">
    </div>
</div>
<div class="form-group row">
```



```

        <div class="col-lg-12">
            <input type="submit" class="btn btn-primary btn-lg btn-block"
id="idUpdate" value="Update">
        </div>
    </div>
</div>
</div>
</form>
</div>
<br/>
</div>
</div>
<div>
</div>
<?php endif;?>
<?php endif;?>

```

6.9 models/users/check_email.php

```

<?php
    if(isset($_POST['send'])){
        header("Content-type: application/json");

        $email = $_POST['email_value'];
        require "../config/connection.php";
        require "functions.php";
        $user = checkEmail($email);

        echo json_encode($user);
    }

```

6.10 models/users/insert.php

```

<?php
    if(isset($_POST['send'])){
        $f_name = $_POST['f_name'];
        $l_name = $_POST['l_name'];
        $email = $_POST['email'];
        $username = $_POST['username'];
        $password = $_POST['password'];

        $reg_fname = "/^[A-Z]\w{2,9}$/";
        $reg_lname = "/^[A-Z]\w{2,9}(\s[A-Z]\w{2,9})?$/";
    }

```

```

    $reg_email = "/^([a-z0-9][-a-z0-9_+\.\.]*[a-z0-9])@(ict\.edu|gmail|yahoo)\.(rs|com)$/";
    $reg_username = "/^((?=\d)(?=[a-z])).{8,}$/";
    $reg_password = "/^((?=\d)(?=[a-z])(?=[A-Z])(?=[\W])).{8,}$/";

    $errors = false;
    $data = [];

    if(!preg_match($reg_fname, $f_name)){
        $errors = true;
    }else {
        $data[] = $f_name;
    }
    if(!preg_match($reg_lname, $l_name)){
        $errors = true;
    }else {
        $data[] = $l_name;
    }
    if(!preg_match($reg_email, $email)){
        $errors = true;
    }else {
        $data[] = $email;
    }
    if(!preg_match($reg_username, $username)){
        $errors = true;
    }else {
        $data[] = $username;
    }
    if(!preg_match($reg_password, $password)){
        $errors = true;
    }else {
        $data[] = $password;
    }
    header("Content-type: application/json");
    if($errors){
        http_response_code(500);
    }else {
        require "../config/connection.php";
        require "functions.php";
        try {
            $query = $conn->prepare("INSERT INTO users(id, first_name, last_name, email, username, password, is_active, id_role) VALUES ('null',?,?,?,?,?,0,2)");
            $br = 1;
            foreach($data as $d){

```

```

        $query->bindValue($br++, $d);
    }
    $result = $query->execute();
    if($result){
        http_response_code(201);
        echo json_encode("Uspesno");
    }else {
        http_response_code(400);
    }

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

}
}

```

6.11 models/users/login.php

```

<?php
    session_start();
    if(isset($_POST['send'])){
        header("Content-type: application/json");
        $username = $_POST['username'];
        $password = $_POST['password'];

        if($username == "" || $password == ""){
            http_response_code(401);
        }else {
            http_response_code(204);
            include "../config/connection.php";
            include "functions.php";
            try {
                $data = getLoginUser($username, $password);
                if($data->rowCount() == 1){
                    $_SESSION['user'] = $data->fetch();
                    $status = online($_SESSION['user']->user_id);
                }else{
                    http_response_code(401);
                }
            } catch (PDOException $ex) {

```

```

        $ex->getMessage();
    }
}
}

```

6.12 models/users/logout.php

```

<?php
    session_start();
    include "../config/connection.php";
    include "functions.php";
    $offline = offline($_SESSION["user"]->user_id);
    unset($_SESSION["user"]);
    session_destroy();
    header("Location: ../../index.php?page=home");

```

6.13 models/users/send-updated-data.php

```

<?php
    if(isset($_POST['send'])){
        $f_name = $_POST['f_name'];
        $l_name = $_POST['l_name'];
        $email = $_POST['email'];
        $username = $_POST['username'];
        $password = $_POST['password'];
        $id = $_POST['id'];

        $reg_fname = "/^[A-Z]\w{2,9}$/";
        $reg_lname = "/^[A-Z]\w{2,9}(\s[A-Z]\w{2,9})?$/";
        $reg_email = "/^([a-z0-9](-a-z0-9_+\.)*[a-z0-9])@(ict\.edu|gmail|yahoo)\.(rs|com)$/";
        $reg_username = "/^((?=\d)(?=[a-z])).{8,}$/";
        $reg_password = "/^((?=\d)(?=[a-z])(?=[A-Z])(?=[\W])).{8,}$/";

        $errors = false;
        $data = [];

        if(!preg_match($reg_fname, $f_name)){

```

```

        $errors = true;
    }else {
        $data[] = $f_name;
    }
    if(!preg_match($reg_lname, $l_name)){
        $errors = true;
    }else {
        $data[] = $l_name;
    }
    if(!preg_match($reg_email, $email)){
        $errors = true;
    }else {
        $data[] = $email;
    }
    if(!preg_match($reg_username, $username)){
        $errors = true;
    }else {
        $data[] = $username;
    }
    if(!preg_match($reg_password, $password)){
        $errors = true;
    }else {
        $data[] = $password;
    }
    header("Content-type: application/json");
    if($errors){
        http_response_code(500);
    }else {
        require "../config/connection.php";
        require "functions.php";
        try {
            $query = $conn->prepare("UPDATE users SET first_name = :fn,
last_name = :ln, email = :e, username = :u, password = :p WHERE id = :id");
            $query->bindParam(":fn", $f_name);
            $query->bindParam(":ln", $l_name);
            $query->bindParam(":e", $email);
            $query->bindParam(":u", $username);
            $query->bindParam(":p", $password);
            $query->bindParam("id", $id);
            $result = $query->execute();
            if($result){
                http_response_code(201);
                echo json_encode("Uspesno");
            }else {
                http_response_code(400);
            }
        }
    }
}

```

```

    }

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

}
}

```

6.14 models/users/functions.php

```

<?php

function checkUsername($username){
    global $conn;
    $query = "SELECT * FROM `users` WHERE username LIKE '$username'";
    return $conn->query($query)->rowCount();
}

function checkEmail($email){
    global $conn;
    $query = "SELECT * FROM `users` WHERE email LIKE '$email'";
    return $conn->query($query)->rowCount();
}

function getLoginUser($username, $password){
    global $conn;
    $query = $conn->prepare("SELECT u.id AS user_id, u.first_name,
u.last_name, r.title AS role FROM users u INNER JOIN roles r ON u.id_role = r.id
WHERE u.username = ? AND u.password= ?");

    $query->execute([$username, $password]);
    return $query;
}

function online($id_user){
    global $conn;
    $query = $conn->prepare("UPDATE users SET is_active = 1 WHERE id =
:id");

    $query->bindParam(":id", $id_user, PDO::PARAM_INT);
    $result = $query->execute();
    return $result;
}

```

```

    }

    function offline($id_user){
        global $conn;
        $query = $conn->prepare("UPDATE users SET is_active = 0 WHERE id =
:id");

        $query->bindParam(":id", $id_user, PDO::PARAM_INT);
        $result = $query->execute();
        return $result;
    }

```

6.15 models/admin/users/download-excel-table.php

```

<?php
    if(isset($_POST['send'])){
        include "functions.php";
        include "../../config/connection.php";

        $users = getUsers();

        $excel_app = new COM("Excel.Application");
        $excel_app->Visible = true;
        $excel_file = $excel_app->Workbooks->Add();

        $worksheet = $excel_file->Worksheets("Sheet1");
        $worksheet->activate();

        $field_A1 = $worksheet->Range("A1");
        $field_A1->activate;
        $field_A1->Value = "No.";

        $field_B1 = $worksheet->Range("B1");
        $field_B1->activate;
        $field_B1->Value = "First Name";

        $field_C1 = $worksheet->Range("C1");
        $field_C1->activate;
        $field_C1->Value = "Last Name";

        $field_D1 = $worksheet->Range("D1");
        $field_D1->activate;
        $field_D1->Value = "E - mail";
    }

```

```

$field_E1 = $worksheet->Range("E1");
$field_E1->activate;
$field_E1->Value = "Role";

$num = 1;
$br = 2;
foreach($users as $user){
    $field_A = $worksheet->Range("A".$br);
    $field_A->activate;
    $field_A->Value = $num++;

    $field_B = $worksheet->Range("B".$br);
    $field_B->activate;
    $field_B->Value = $user->first_name;

    $field_C = $worksheet->Range("C".$br);
    $field_C->activate;
    $field_C->Value = $user->last_name;

    $field_D = $worksheet->Range("D".$br);
    $field_D->activate;
    $field_D->Value = $user->email;

    $field_E = $worksheet->Range("E".$br);
    $field_E->activate;
    $field_E->Value = $user->role;

    $br++;
}

$fileName = "users.xlsx";
$excel_file->SaveAs($fileName);
$excel_file->Close(false);
$excel_app->Workbooks->Close();
unset($worksheet);
$excel_app->Quit();
$excel_app = null;

http_response_code(204);
}else {
    http_response_code(400);
}

```

6.16 models/users/download-word.php

<?php


```

if(isset($_POST['send'])){
    include "functions.php";
    include "../../config/connection.php";

    $author = getAuthor();

    $word = new COM("Word.Application");

    $word->Visible = 1;
    $word->Documents->Add();

    foreach($author as $a){
        $word->Selection->InlineShapes-
>AddPicture(ABSOLUTE_PATH."/assets/images/".$a->large);
        $word->Selection->TypeText("\n");
        $word->Selection->TypeText("{ $a->first_name }\t");
        $word->Selection->TypeText("{ $a->last_name }\n");
        $word->Selection->TypeText("{ $a->intro }\n");
        $word->Selection->TypeText($a->description);
    }

    $fileName = "author.doc";
    $word->Documents[1]->SaveAs($fileName);
    $word->Quit();
    $word = null;

    http_response_code(204);
}

```

6.17. models/admin/users/delete-user.php

```

<?php
if(isset($_POST['id'])){
    include "functions.php";
    include "../../config/connection.php";
    header("Content-type: application/json");
    $id = $_POST['id'];
    $role = getRole($id);

    if($role->role == "administrator"){
        echo json_encode("Ne mozete izbrisati administratorski nalog.");
    }else{

```

```

        $flag = 1;
        $result = deleteUser($id);
        if($result){
            echo json_encode("Uspesno ste izbrisali korisnika.");
            //http_response_code(204);
        }else{
            http_response_code(500);
        }
    }
}

```

6.18. models/admin/products/sort_products.php

```

<?php
    if(isset($_GET['sort'])){
        header("Content-type: application/json");
        require_once "../../config/connection.php";
        include "functions.php";

        $sort = $_GET['sort'];
        $limit = $_GET['limit'];

        $query = sortQuery();

        switch($sort){
            case 1:
                $query .= " ORDER BY p.title ASC LIMIT $limit, 6";
                break;
            case 2:
                $query .= " ORDER BY p.title DESC LIMIT $limit, 6";
                break;
            case 3:
                $query .= " ORDER BY p.price ASC LIMIT $limit, 6";
                break;
            case 4:
                $query .= " ORDER BY p.price DESC LIMIT $limit, 6";
                break;
        }

        $products = executeQuery($query);
        $num = paginationCount();
        echo json_encode([
            "products" => $products,
            "num" => $num
        ]);
    }
}

```

```
]);  
  
}
```

6.19 models/admin/products/insert.php

```
<?php  
if(isset($_FILES['ip_file'])){  
    header("Content-type: application/json");  
    $title = $_POST['ip_title'];  
    $description = $_POST['ip_description'];  
    $price = $_POST['ip_price'];  
    $gender = isset($_POST['chbGenders'])?$_POST['chbGenders']:null;  
    $color = $_POST['ip_color'];  
    $category = $_POST['ip_category'];  
    $size = isset($_POST['chbSizes'])?$_POST['chbSizes']:null;  
    $errors = [];  
  
    if(empty($title)){  
        array_push($errors, "Morate uneti naziv proizvoda");  
    }  
    if(empty($description)){  
        array_push($errors, "Morate uneti opis proizvoda");  
    }  
    if(empty($price)){  
        array_push($errors, "Morate uneti cenu proizvoda");  
    }  
    if(empty($gender)){  
        array_push($errors, "Morate uneti pol");  
    }  
    if($color == 0){  
        array_push($errors, "Morate uneti boju");  
    }  
    if($category == 0){  
        array_push($errors, "Morate uneti kategoriju");  
    }  
    if(empty($size)){  
        array_push($errors, "Morate uneti velicinu");  
    }  
  
    if(!empty($errors)){  
        http_response_code(400);  
        echo json_encode($errors);  
    }else{
```

```

$file_name = $_FILES['ip_file']['name'];
$tmp_location = $_FILES['ip_file']['tmp_name'];
$file_size = $_FILES['ip_file']['size'];
$file_type = $_FILES['ip_file']['type'];

$errors = [];

$allowed_types = ['image/jpg', 'image/png', 'image/jpeg'];

if(!in_array($file_type, $allowed_types)){
    array_push($errors, "Wrong file type.");
}
if($file_size > 3000000){
    array_push($errors, "Max file size is 3MB");
}

if(count($errors) == 0){
    list($width, $height) = getimagesize($tmp_location);

    $existingImage = null;
    switch($file_type){
        case 'image/jpeg':
            $existingImage = imagecreatefromjpeg($tmp_location);
            break;
        case 'image/png':
            $existingImage = imagecreatefrompng($tmp_location);
            break;
    }

    $newHeight = $height/1.3;
    $newWidth = ($height/$newHeight) * $width;

    $newImage = imagecreatetruecolor($newWidth, $newHeight);

    imagecopyresampled($newImage, $existingImage, 0, 0, 0, 0,
    $newWidth, $newWidth, $width, $height);

    $name = time().$file_name;
    $pathNewImage = 'assets/images/small/small_'. $small;

    switch($file_type){
        case 'image/jpeg':
            imagejpeg($newImage, '../.../...'. $pathNewImage, 75);
            break;
        case 'image/png':

```

```

        imagepng($newImage, '../../../../../'.$pathNewImage);
        break;
    }

    $pathOriginal = 'assets/images/' . $name;

    if(move_uploaded_file($tmp_location, '../../../../../'.$pathOriginal)){
        echo "Successful upload.";
        include "../../../../../config/connection.php";
        include "functions.php";
        try {
            $isInserted = insertImage($pathOriginal, $pathNewImage);

            if($isInserted){
                $image_id = $conn->lastInsertId();
                $insertProduct = insertProduct($title, $description,
$price, $color, $category, $image_id);
                if($insertProduct){
                    $prod_id = $conn->lastInsertId();
                    foreach($gender as $key=>$value){
                        $pg = insertIntoPG($prod_id, $value);
                    }
                    foreach($size as $key=>$value){
                        $ps = insertIntoPS($prod_id, $value);
                    }

                    http_response_code(204);
                }
            }
        } catch (PDOException $ex) {
            echo $ex->getMessage();
        }
    }

    imagedestroy($existingImage);
    imagedestroy($newImage);
} else {
    var_dump($errors);
}
}

}

```

6.20. models/admin/products/filter-products.php

```
<?php
    if(isset($_GET['send'])){
        header("Content-type: application/json");
        require_once "../../config/connection.php";
        include "functions.php";
        if($_GET['send'] == "search"){

            $input = $_GET['input'];

            if($input == ""){
                http_response_code(400);
            }else {
                $limit = $_GET['limit'];
                $products = searchProducts($input, $limit);
                $num = searchPaginationCount($input);

                echo json_encode([
                    "products" => $products,
                    "num" => $num
                ]);
            }
        }elseif($_GET['send'] == "filter-gender"){
            $gender_id = $_GET['gender_id'];

            $limit = $_GET['limit'];
            $products = filterGender($gender_id, $limit);
            $num = filterPaginationCount($gender_id);

            echo json_encode([
                "products" => $products,
                "num" => $num
            ]);
        }elseif($_GET['send'] == "filter-color"){
            $color_id = $_GET['color_id'];

            $limit = $_GET['limit'];
            $products = filterColor($color_id, $limit);
            $num = filterPaginationCountColor($color_id);
```

```

        echo json_encode([
            "products" => $products,
            "num" => $num
        ]);
    }
} else {
    http_response_code(400);
}

```

6.21. models/admin/products/get_pagination

```

<?php

header("Content-Type: application/json");

if(isset($_GET['limit'])){
    require_once "../../config/connection.php";
    include "functions.php";

    $limit = $_GET['limit'];
    $products = getProducts($limit);
    $num = paginationCount();

    echo json_encode([
        "products" => $products,
        "num" => $num
    ]);
} else {
    echo json_encode(["message"=> "Limit not passed."]);
    http_response_code(400);
}

```

6.22. models/admin/products/functions.php

```

<?php

function getGenders(){
    global $conn;
    $query = "SELECT * FROM gender";
    return $conn->query($query)->fetchAll();
}

function genderProductCount($gender_id){

```

```

        return executeQueryOneRow("SELECT COUNT(*) AS gender_count FROM
gender_product WHERE id_gender = '$gender_id'");
    }

    function sizeProductCount($size_id){
        return executeQueryOneRow("SELECT COUNT(*) AS size_count FROM
sizes_products WHERE id_size = '$size_id'");
    }

    function colorProductCount($color_id){
        return executeQueryOneRow("SELECT COUNT(*) AS color_count FROM products
WHERE id_color = '$color_id'");
    }

    function getColors(){
        global $conn;
        $query = "SELECT * FROM color";
        return $conn->query($query)->fetchAll();
    }

    function getCategories(){
        global $conn;
        $query = "SELECT * FROM categories";
        return $conn->query($query)->fetchAll();
    }

    function getSizes(){
        global $conn;
        $query = "SELECT * FROM sizes ORDER BY id ASC";
        return $conn->query($query)->fetchAll();
    }

    function insertImage($pathOriginal, $pathNew){
        global $conn;
        $insert = $conn->prepare("INSERT INTO images VALUES('null', ?, ?)");
        $isInserted = $insert->execute([$pathOriginal, $pathNew]);
        return $isInserted;
    }

    function insertProduct($title, $description, $price, $color, $category,
$image_id){
        global $conn;
        $query = "INSERT INTO products(id, title, description, price, date,
id_category, id_color, id_image) VALUES

```



```

('null', '$title', '$description', '$price', CURRENT_TIMESTAMP, '$category', '$color', '$image_id');"
    $insert = $conn->prepare($query);
    // $insert->bindParam(":title", $title);
    // $insert->bindParam(":description", $description);
    // $insert->bindParam(":price", $price);
    // $insert->bindParam(":category", $category);
    // $insert->bindParam(":color", $color);
    // $insert->bindParam(":image", $image_id);
    $isInserted = $insert->execute();
    return $isInserted;
}

function insertIntoPG($p, $g){
    global $conn;
    $insert = $conn->prepare("INSERT INTO gender_product VALUES('null', ?,
?)"");
    $query = $insert->execute([$g, $p]);
    return $query;
}

function insertIntoPS($p, $s){
    global $conn;
    $insert = $conn->prepare("INSERT INTO sizes_products VALUES('null', ?,
?)"");
    $query = $insert->execute([$s, $p]);
    return $query;
}

define("OFFSET", 6);
function getProducts($limit = 0){
    global $conn;
    try {
        $select = $conn->prepare("SELECT *, p.id AS product_id FROM products
p INNER JOIN images i ON p.id_image = i.id LIMIT :limit, :offset");

        $limit = ((int) $limit) * OFFSET;

        $select->bindParam(":limit", $limit, PDO::PARAM_INT);
        $offset = OFFSET;
        $select->bindParam(":offset", $offset, PDO::PARAM_INT);
        $select->execute();
        $products = $select->fetchAll();
        return $products;
    }catch(PDOException $ex){

```

```

        return null;
    }
}

function numberOfProducts(){
    return executeQueryOneRow("SELECT COUNT(*) AS products_number FROM
products");
}

function paginationCount(){
    $result = numberOfProducts();
    $numberOfProducts = $result->products_number;

    return ceil($numberOfProducts / OFFSET);
}

function singleProduct($product_id){
    global $conn;

    $select = $conn->prepare("SELECT *, p.id AS product_id FROM products p
INNER JOIN images i ON p.id_image = i.id WHERE p.id = ?");
    $select->execute([$product_id]);
    $products = $select->fetch();
    return $products;
}

function featuredProducts(){
    global $conn;

    $select = "SELECT *, p.id AS product_id FROM products p INNER JOIN images
i ON p.id_image = i.id LIMIT 5";
    return $conn->query($select)->fetchAll();
}

function searchProducts($input, $limit = 0){
    global $conn;
    try {
        $input = "%".strtolower($input)."%";
        $select = $conn->prepare("SELECT *, p.id AS product_id FROM products
p INNER JOIN images i ON p.id_image = i.id WHERE p.title LIKE :input LIMIT
:limit, :offset");

        $limit = ((int) $limit) * OFFSET;

        $select->bindParam(":input", $input);
    }
}

```

```

        $select->bindParam(":limit", $limit, PDO::PARAM_INT);
        $offset = OFFSET;
        $select->bindParam(":offset", $offset, PDO::PARAM_INT);
        $select->execute();
        $products = $select->fetchAll();
        return $products;
    }catch(PDOException $ex){
        return null;
    }
}

function numberOfSearchedProducts($input){
    $input = "%".strtolower($input)."%";
    return executeQueryOneRow("SELECT COUNT(*) AS products_number FROM
products WHERE title LIKE '$input'");
}

function searchPaginationCount($input){
    $result = numberOfSearchedProducts($input);
    $numberOfProducts = $result->products_number;

    return ceil($numberOfProducts / OFFSET);
}

function filterGender($gender_id, $limit = 0){
    global $conn;
    try{
        $select = $conn->prepare("SELECT *, p.id AS product_id FROM products
p
        INNER JOIN images i ON p.id_image = i.id INNER JOIN gender_product gp
ON p.id = gp.id_product WHERE id_gender = :gender_id LIMIT :limit, :offset");

        $limit = ((int) $limit) * OFFSET;

        $select->bindParam(":gender_id", $gender_id, PDO::PARAM_INT);
        $select->bindParam(":limit", $limit, PDO::PARAM_INT);
        $offset = OFFSET;
        $select->bindParam(":offset", $offset, PDO::PARAM_INT);
        $select->execute();
        $products = $select->fetchAll();
        return $products;
    }catch(PDOException $ex){
        return null;
    }
}

```

```

function numberOfFilteredProducts($gender_id){
    return executeQueryOneRow("SELECT COUNT(*) AS products_number FROM
gender_product WHERE id_gender = '$gender_id'");
}

function filterPaginationCount($gender_id){
    $result = numberOfFilteredProducts($gender_id);
    $numberOfProducts = $result->products_number;

    return ceil($numberOfProducts / OFFSET);
}

function filterColor($color_id, $limit = 0){
    global $conn;
    try{
        $select = $conn->prepare("SELECT *, p.id AS product_id FROM products
p
INNER JOIN images i ON p.id_image = i.id INNER JOIN color c ON
p.id_color = c.id WHERE id_color = :color_id LIMIT :limit, :offset");

        $limit = ((int) $limit) * OFFSET;

        $select->bindParam(":color_id", $color_id, PDO::PARAM_INT);
        $select->bindParam(":limit", $limit, PDO::PARAM_INT);
        $offset = OFFSET;
        $select->bindParam(":offset", $offset, PDO::PARAM_INT);
        $select->execute();
        $products = $select->fetchAll();
        return $products;
    }catch(PDOException $ex){
        return null;
    }
}

function numberOfFilteredProductsColor($color_id){
    return executeQueryOneRow("SELECT COUNT(*) AS products_number FROM
products WHERE id_color = '$color_id'");
}

function filterPaginationCountColor($color_id){
    $result = numberOfFilteredProductsColor($color_id);
    $numberOfProducts = $result->products_number;

    return ceil($numberOfProducts / OFFSET);
}

```

```

    }

    function countProductsInCart($user_id){
        return executeQueryOneRow("SELECT COUNT(*) AS products_in_cart FROM cart
WHERE id_user = '$user_id'");
    }

    function getCart($p_ids){
        $params = [];
        foreach($p_ids as $id){
            $params[] = "?";
        }
        $params_string = implode(", ", $params);

        global $conn;
        $select = $conn->prepare("SELECT p.id AS product_id, title, price, large,
small FROM products p INNER JOIN images i ON p.id_image = i.id WHERE p.id IN
($params_string)");

        $select->execute($p_ids);
        $products = $select->fetchAll();
        return $products;
    }

    function sortQuery(){
        return "SELECT *, p.id AS product_id FROM products p INNER JOIN images i
ON p.id_image = i.id";
    }

```

6.23 js/functions.js

```

$(document).ready(function(){
    $("body").on("click", ".insert-in-cart", addToCart);
    $("#clear-cart").click(clearCart);
    $("#idRegister").click(sendData);
    $("#c_password").keyup(checkPasswordFields);
    $("#c_username").blur(checkForUsername);
    $("#c_email").blur(checkForEmail);
    $("#login_submit").click(checkLogin);
    $(".word-download").click(downloadWordFile);

});

```

```
function productsInCart(){
    return JSON.parse(localStorage.getItem("products"));
}
function clearCart() {
    localStorage.removeItem("products");
    window.location.reload();
}
function addToCart(e){
    e.preventDefault();
    let id = $(this).data("id");

    var products = productsInCart();

    if(products){
        if(alreadyInCart()){
            update();
        }else {
            addToStorage();
        }
    }else{
        firstInStorage();
    }

    function alreadyInCart(){
        return products.filter(product => product.id == id).length;
    }

    function addToStorage() {
        let products = productsInCart();
        products.push({
            id : id,
            quantity : 1
        });
        localStorage.setItem("products", JSON.stringify(products));
    }

    function update(){
        let products = productsInCart();
        for(let product in products){
            if(products[product].id == id){
                products[product].quantity++;
                break;
            }
        }
        localStorage.setItem("products", JSON.stringify(products));
    }
}
```

```

    }

    function firstInStorage(){
        let products = [];
        products[0] = {
            id : id,
            quantity : 1
        };
        localStorage.setItem("products", JSON.stringify(products));
    }
    $("#cart-count").html(++products.length);
}

function displayErrors(errors){
    let html = "";
    errors.forEach(function(err){
        html += singleError(err);
    });
    $("#errors").html(html);
}

function singleError(err){
    return `<div class="p-4 border mb-3">
    <span class="d-block text-primary h6 text-uppercase">New York</span>
    <p class="mb-0">${err}</p>
    </div>`;
}

function downloadWordFile(e){
    e.preventDefault(e);
    $.ajax({
        url: 'models/admin/users/download-word.php',
        method: 'POST',
        dataType: 'json',
        data: {
            send: true
        },
        success: function(data, status, request){
            alert("Uspesno ste preuzeli word dokument.");
        },
        error: ajaxErrors
    });
}

function checkLogin(e){
    e.preventDefault();

```

```

let username = $("#login_username").val().trim();
let password = $("#login_password").val().trim();

if(username != "" || password != ""){
    $.ajax({
        url: 'models/users/login.php',
        method: 'POST',
        dataType: 'json',
        data: {
            username: username,
            password: password,
            send: true
        },
        success: function(data, status, request){
            $(document).scrollTop(0);
            document.location.reload(true);
            alert("Uspesan login");
        },
        error: ajaxErrors
    });
}else {
    alert("Polja za login ne smeju biti prazna.");
}

}

var errors = false;
function checkForUsername(){
    let username = $(this).val().trim();
    if(username != ""){
        $.ajax({
            url: 'models/users/check_username.php',
            method: 'POST',
            dataType: 'json',
            data: {
                username_value: username,
                send: true
            },
            success: function(data, status, request){
                $flag = data;
                if($flag){
                    $("#c_username").css("border", "1px solid red");
                    $("#c_username").val("Korisnicko ime vec postoji.");
                    errors = true;
                }else {

```



```

        $("#c_username").css("border", "");
        errors = false;
    }
},
error: ajaxErrors
});
}
}

function checkForEmail(){
    let email = $(this).val().trim();
    if(email != ""){
        $.ajax({
            url: 'models/users/check_email.php',
            method: 'POST',
            dataType: 'json',
            data: {
                email_value: email,
                send: true
            },
            success: function(data, status, request){
                $flag = data;
                if($flag){
                    $("#c_email").css("border", "1px solid red");
                    $("#c_email").val("E-mail vec postoji.");
                    errors = true;
                }else {
                    $("#c_email").css("border", "");
                    errors = false;
                }
            },
            error: ajaxErrors
        });
    }
}

function checkPasswordField(){
    let password = $("#c_password").val();
    let re_password = $("#c_password_repeat").val();

    let reg_password = /^(?=.*\d)(?=.*[a-z])(?=.*[A-Z])(?=.*[\\W]).{8,}$/;

    if(!reg_password.test(password)){
        errors = true;
        $("#c_password").css("border", "1px solid red");
        $("#c_password_repeat").attr("disabled", "true");
    }
}

```

```

    }else {
        $("#c_password").css("border", "");
        $("#c_password_repeat").removeAttr("disabled");
    }
}
function sendData(e){
    e.preventDefault();

    let f_name = $("#c_fname").val().trim();
    let l_name = $("#c_lname").val().trim();
    let email = $("#c_email").val().trim();
    let username = $("#c_username").val().trim();
    let password = $("#c_password").val().trim();
    let re_password = $("#c_password_repeat").val().trim();
    let data = [];

    let reg_f_name = /^[A-Z]\w{2,9}$/;
    let reg_l_name = /^[A-Z]\w{2,9}(\s[A-Z]\w{2,9})?$/;
    let reg_email = /^[a-z0-9]([-a-z0-9_+\.]*[a-z0-9])@(ict\.edu|gmail|yahoo)\.(rs|com)$/;
    let reg_username = /^((?=[*\d])(?=[*a-z])).{8,}$/;
    let reg_password = /^((?=[*\d])(?=[*a-z])(?=[*A-Z])(?=[*\W])).{8,}$/;

    //provera imena
    if(f_name == ""){
        errors = true;
        $("#c_fname").val("Morate uneti ime.");
        $("#c_fname").css("border", "1px solid red");
    }
    else if(!reg_f_name.test(f_name)){
        errors = true;
        $("#c_fname").val("Niste uneli ime kako treba.");
        $("#c_fname").css("border", "1px solid red");
    }else {
        errors = false;
        $("#c_fname").css("border", "");
    }
    //provera prezimena
    if(l_name == ""){
        errors = true;
        $("#c_lname").val("Morate uneti prezime.");
        $("#c_lname").css("border", "1px solid red");
    }
    else if(!reg_l_name.test(l_name)){

```

```
        errors = true;
        $("#c_lname").val("Niste uneli prezime kako treba.");
        $("#c_lname").css("border", "1px solid red");
    }else {
        errors = false;
        $("#c_lname").css("border", "");
    }
    //provera e-mail adrese
    if(email == ""){
        errors = true;
        $("#c_email").val("Morate uneti e-mail.");
        $("#c_email").css("border", "1px solid red");
    }
    else if(!reg_email.test(email)){
        errors = true;
        $("#c_email").val("Niste uneli e-mail kako treba.");
        $("#c_email").css("border", "1px solid red");
    }else {
        errors = false;
        $("#c_email").css("border", "");
    }
    //provera korisnickog imena
    if(username == ""){
        errors = true;
        $("#c_username").val("Morate uneti korisnicko ime.");
        $("#c_username").css("border", "1px solid red");
    }
    else if(!reg_username.test(username)){
        errors = true;
        $("#c_username").val("Niste uneli korisnicko ime kako treba.");
        $("#c_username").css("border", "1px solid red");
    }else {
        errors = false;
        $("#c_username").css("border", "");
    }
    //provera sifre
    if(password == ""){
        errors = true;
        alert("Morate uneti sifru.");
        $("#c_password").css("border", "1px solid red");
    }
    else {
        errors = false;
        $("#c_password").css("border", "");
    }
}
```

```

    if(re_password == ""){
        alert("Morate ponoviti sifru.");
    }
    else if(password != re_password){
        errors = true;
        alert("Sifre moraju biti iste.");
        $("#c_password_repeat").css("border", "1px solid red");
    }else {
        $("#c_password_repeat").css("border", "");
    }

    if(!errors){
        $.ajax({
            url: 'models/users/insert.php',
            method: 'POST',
            dataType: 'json',
            data: {
                f_name: f_name,
                l_name: l_name,
                email: email,
                username: username,
                password: password,
                send: true
            },
            success: function(data, status, request){
                let podaci = data;
                alert("Uspesno ste napravili nalog !");
            },
            error: ajaxErrors
        });
    }else {
        alert("Nisu uneti ispravni parametri.");
    }
}

function ajaxErrors(err, status, statusText){
    console.error("AJAX ERROR: ");
    console.log(status);
    console.log(statusText);

    if(err.status == 500){
        console.log(err.parseJSON);
    }else if(err.status == 400){
        alert("Nisu poslali ispravni parametri !");
    }
}

```

```
}
```

6.24. js/cart.js

```
$(document).ready(function () {
    let products = productsInCart();
    if(products){
        $("#cart-count").html(products.length);
    }else{
        $("#cart-count").html("0");
    }

    if(!products.length)
        emptyCart();
    else{
        cartContent();
    }
});

function emptyCart(){
    $("#container-message").html("<h1>Your cart is empty.</h1>");
}

function productsInCart() {
    return JSON.parse(localStorage.getItem("products"));
}

function cartContent() {
    let products = productsInCart();
    //let u_id = $("#hdnId").val();

    let ids = [];
    products.forEach(function(product){
        ids.push(product.id);
    });

    $.ajax({
        url : "models/admin/products/products-cart.php",
        method: "POST",
        type: "json",
        data: {
            ids: ids
        },
    });
}
```

```

        success : function(data) {
            if(data){
                let forDisplay = [];
                forDisplay = data.filter(el => {
                    for(let product of products){
                        if(el.product_id == product.id){
                            el.quantity = product.quantity;
                            return true;
                        }
                    }
                    return false;
                });
                displayInCart(data);
            }
        }
    });
}

function displayInCart(products){
    let html = "";
    products.forEach(function(product){
        html += singleCartProduct(product);
    });
    $("#cart-table tbody").html(html);
    $(".rmv-prdct").click(deleteFromCart);
}

function singleCartProduct(product){
    return `<tr>
    <td class="product-thumbnail">
        
    </td>
    <td class="product-name">
        <h2 class="h5 text-black">${product.title}</h2>
    </td>
    <td>${product.price}</td>
    <td>
        <div class="input-group mb-3" style="max-width: 120px;">
            <div class="input-group-prepend">
                <button class="btn btn-outline-primary js-btn-minus"
type="button">&minus;</button>
            </div>
            <input type="text" class="form-control text-center"
value="${product.quantity}" placeholder="" aria-label="Example text with button
addon" aria-describedby="button-addon1">
            <div class="input-group-append">

```

```

        <button class="btn btn-outline-primary js-btn-plus"
type="button">&plus;</button>
    </div>
</div>
</td>
<td>${product.price * product.quantity} <input type="hidden" class=".total"
value="${product.price * product.quantity}"/></td>
<td><a href="#" data-id="${product.product_id}" class="btn btn-primary btn-sm
rmv-prdct">X</a></td>
</tr>`;
}
function deleteFromCart(e){
    e.preventDefault();
    let id = $(this).data("id");
    let products = productsInCart();
    let array = products.filter(p => p.id != id);

    if(array.length == 0){
        window.location.reload();
    }
    localStorage.setItem("products", JSON.stringify(array));
    cartContent();
}

```

6.25. js/admin.js

```

$(document).ready(function(){
    $(document).on("click", ".delete", deleteUser);
    $(document).on("click", ".update", updateUser);
    $("#idUpdate").click(sendUserData);
    $(".close-form").click(closeForm);
    $(".excel-download").click(downloadExcelFile);
    $("#form").on('submit', insertProduct);
});
function insertProduct(e){
    e.preventDefault();

    $.ajax({
        url: 'models/admin/products/insert.php',
        method: 'POST',
        dataType: 'json',
        data: new FormData(this),
    })
}

```

```

        contentType: false,
        cache: false,
        processData:false,
        success: function(data, status, request){
            alert("Uspesno unet proizvod.");
            document.location.reload(true);
        },
        error: ajaxErrors
    });
}
function downloadExcelFile(e){
    e.preventDefault(e);
    $.ajax({
        url: 'models/admin/users/download-excel-table.php',
        method: 'POST',
        dataType: 'json',
        data: {
            send: true
        },
        success: function(data, status, request){
            alert("Uspesno ste preuzeli spisak korisnika.");
        },
        error: ajaxErrors
    });
}
function closeForm(e){
    e.preventDefault();

    $(".admin-form").fadeOut();
}
function updateUser(e){
    e.preventDefault(e);
    let id = $(this).data("id");

    $.ajax({
        url: 'models/admin/users/update-user.php',
        method: 'POST',
        dataType: 'json',
        data: {
            id: id
        },
        success: function(data, status, request){
            $(".admin-form").fadeIn();
            fill(data);
        },
    },

```



```

        error: ajaxErrors
    });
}
function fill(user){
    $("#usr_id_hdn").val(user.id);
    $("#u_fname").val(user.first_name);
    $("#u_lname").val(user.last_name);
    $("#u_email").val(user.email);
    $("#u_username").val(user.username);
    $("#u_password").val(user.password);
    $("#u_password_repeat").val(user.password);
}
function sendUserData(e){
    e.preventDefault();
    let id = $("#usr_id_hdn").val().trim();
    let f_name = $("#u_fname").val().trim();
    let l_name = $("#u_lname").val().trim();
    let email = $("#u_email").val().trim();
    let username = $("#u_username").val().trim();
    let password = $("#u_password").val().trim();
    let re_password = $("#u_password_repeat").val().trim();
    let data = [];

    let reg_f_name = /^[A-Z]\w{2,9}$/;
    let reg_l_name = /^[A-Z]\w{2,9}(\s[A-Z]\w{2,9})?$/;
    let reg_email = /^[a-z0-9]([-a-z0-9_+\.]*[a-z0-9])@(\ict\.edu|gmail|yahoo)\.(\rs|com)$/;
    let reg_username = /^(?=.*\d)(?=.*[a-z]).{8,}$/;
    let reg_password = /^(?=.*\d)(?=.*[a-z])(?=.*[A-Z])(?=.*[!@#$%^&*~\W]).{8,}$/;

    //provera imena
    if(f_name == ""){
        errors = true;
        $("#u_fname").val("Morate uneti ime.");
        $("#u_fname").css("border", "1px solid red");
    }
    else if(!reg_f_name.test(f_name)){
        errors = true;
        $("#u_fname").val("Niste uneli ime kako treba.");
        $("#u_fname").css("border", "1px solid red");
    }else {
        errors = false;
        $("#u_fname").css("border", "");
    }
}

```

```
//provera prezimena
if(l_name == ""){
    errors = true;
    $("#u_lname").val("Morate uneti prezime.");
    $("#u_lname").css("border", "1px solid red");
}
else if(!reg_l_name.test(l_name)){
    errors = true;
    $("#u_lname").val("Niste uneli prezime kako treba.");
    $("#u_lname").css("border", "1px solid red");
}else {
    errors = false;
    $("#u_lname").css("border", "");
}
//provera e-mail adrese
if(email == ""){
    errors = true;
    $("#u_email").val("Morate uneti e-mail.");
    $("#u_email").css("border", "1px solid red");
}
else if(!reg_email.test(email)){
    errors = true;
    $("#u_email").val("Niste uneli e-mail kako treba.");
    $("#u_email").css("border", "1px solid red");
}else {
    errors = false;
    $("#u_email").css("border", "");
}
//provera korisnickog imena
if(username == ""){
    errors = true;
    $("#u_username").val("Morate uneti korisnicko ime.");
    $("#u_username").css("border", "1px solid red");
}
else if(!reg_username.test(username)){
    errors = true;
    $("#u_username").val("Niste uneli korisnicko ime kako treba.");
    $("#u_username").css("border", "1px solid red");
}else {
    errors = false;
    $("#u_username").css("border", "");
}
//provera sifre
if(password == ""){
    errors = true;
```

```

        alert("Morate uneti sifru.");
        $("#u_password").css("border", "1px solid red");
    }
    else {
        errors = false;
        $("#u_password").css("border", "");
    }
    if(re_password == ""){
        alert("Morate ponoviti sifru.");
    }
    else if(password != re_password){
        errors = true;
        alert("Sifre moraju biti iste.");
        $("#u_password_repeat").css("border", "1px solid red");
    }else {
        $("#u_password_repeat").css("border", "");
    }

    if(!errors){
        $.ajax({
            url: 'models/users/send-updated-data.php',
            method: 'POST',
            dataType: 'json',
            data: {
                f_name: f_name,
                l_name: l_name,
                email: email,
                username: username,
                password: password,
                id: id,
                send: true
            },
            success: function(data, status, request){
                let podaci = data;
                alert("Uspesan update !");
            },
            error: ajaxErrors
        });
    }else {
        alert("Nisu uneti ispravni parametri.");
    }
}

function deleteUser(e){
    e.preventDefault();
    let id = $(this).data("id");

```

```

$.ajax({
  url: 'models/admin/users/delete-user.php',
  method: 'POST',
  dataType: 'json',
  data: {
    id: id
  },
  success: function(data, status, request){
    alert(data);
    document.location.reload(true);
  },
  error: ajaxErrors
});
}

```

6.26 js/filter-sort.js

```

$(document).ready(function(){
  $("#ddl_sort").change(sortProducts);
  $("body").on("click", ".filter-colors", filterColors);
  $("body").on("click", ".filter-sizes", filterSize);
  $("body").on("click", ".filter-gender", filterGender);
  $("body").on("click", ".pagination", pagination);
  $("#search-box").keyup(searchProducts);
});

function filterSize(){
  let sizes = $(".filter-sizes:checked");
  let limit = $("#limit-hidden").val().trim();
  let ids = [];

  for(let size of sizes){
    ids.push(parseInt(size.value));
  }

  $.ajax({
    url: "models/admin/products/filter_products.php",
    method: "GET",
    dataType: 'json',
    data: {
      sizes: ids,
      limit: limit,
      send: "filter-sizes"
    },
  },

```

```

        success: function(data){
            console.log(data);

            displayProducts(data.products);
            displayPagination(data.num);
        },
        error: function(error){
            console.log(error);
        }
    });
}

function filterColors(e){
    e.preventDefault();
    let id = $(this).data("color");
    let limit = $("#limit-hidden").val().trim();

    $.ajax({
        url: "models/admin/products/filter_products.php",
        method: "GET",
        dataType: 'json',
        data: {
            color_id: id,
            limit: limit,
            send: "filter-color"
        },
        success: function(data){
            console.log(data);

            displayProducts(data.products);
            displayPagination(data.num);
        },
        error: function(error){
            console.log(error);
        }
    })
}

function filterGender(e){
    e.preventDefault();
    let id = $(this).data("gender");
    let limit = $("#limit-hidden").val().trim();

    $.ajax({
        url: "models/admin/products/filter_products.php",
        method: "GET",
        dataType: 'json',

```

```

        data: {
            gender_id: id,
            limit: limit,
            send: "filter-gender"
        },
        success: function(data){
            console.log(data);

            displayProducts(data.products);
            displayPagination(data.num);
        },
        error: function(error){
            console.log(error);
        }
    })
}

function searchProducts(){
    let input = $(this).val().trim();
    let limit = $("#limit-hidden").val().trim();

    $.ajax({
        url: "models/admin/products/filter_products.php",
        method: "GET",
        dataType: 'json',
        data: {
            input: input,
            limit: limit,
            send: "search"
        },
        success: function(data){
            console.log(data);

            displayProducts(data.products);
            displayPagination(data.num);
        },
        error: function(error){
            console.log(error);
        }
    })
}

function pagination(){
    let limit = $(this).data("limit");

    $.ajax({
        url: "models/admin/products/get_pagination.php",

```

```

        method: "GET",
        data: {
            limit: limit
        },
        success: function(data){
            console.log(data);

            displayProducts(data.products);
            displayPagination(data.num);
        },
        error: function(error){
            console.log(error);
        }
    })
}

function displayProducts(products){
    let user_id = $("#hdn_products").val();
    let html = "";
    products.forEach(function(product){
        html += singleProduct(product, user_id);
    });
    $("#products").html(html);
}

function singleProduct(product, user_id){
    if(user_id){
        return `<div class="col-sm-6 col-lg-4 mb-4" data-aos="fade-up">
            <div class="block-4 text-center border">
                <figure class="block-4-image">
                    <a href="index.php?page=single_product&id=${product.product_id}"></a>
                </figure>
                <div class="block-4-text p-4">
                    <h3><a
href="index.php?page=single_product&id=${product.product_id}">${product.title}</a>
</h3>
                    <p class="mb-0">${product.description}</p>
                    <p class="text-primary font-weight-bold">${product.price}</p>
                    <p>
                        <a href="index.php?page=shop" class="btn btn-sm btn-primary insert-
in-cart" data-id="${product.product_id}">Shop Now</a>
                    </p>
                </div>
            </div>
        </div>`;
    }
}

```

```

    }else{
        return `<div class="col-sm-6 col-lg-4 mb-4" data-aos="fade-up">
            <div class="block-4 text-center border">
                <figure class="block-4-image">
                    <a href="index.php?page=single_product&id=${product.product_id}"></a>
                </figure>
                <div class="block-4-text p-4">
                    <h3><a
href="index.php?page=single_product&id=${product.product_id}">${product.title}</a>
</h3>
                    <p class="mb-0">${product.description}</p>
                    <p class="text-primary font-weight-bold">${product.price}</p>
                    <p>
                    </p>
                </div>
            </div>
        </div>`;
    }
}

function displayPagination(num){
    let html = "";
    for(let i = 0; i < num; i++){
        html += `<li><a href="#" class="pagination" data-
limit="${i}">${i+1}</a></li>`;
    }
    $("#pagination").html(html);
}

function sortProducts(){
    let sort = $(this).val();
    let limit = $("#limit-hidden").val().trim();
    if(sort != 0){
        $.ajax({
            url: "models/admin/products/sort_products.php",
            method: "GET",
            dataType: 'json',
            data: {
                sort: sort,
                limit: limit
            },
            success: function(data){
                console.log(data);
            }
        });
    }
}

```



```
        displayProducts(data.products);
        displayPagination(data.num);
    },
    error: function(error){
        console.log(error);
    }
});
}
```