

VISOKA ŠKOLA STRUKOVNIH STUDIJA ZA INFORMACIONE I  
KOMUNIKACIONE TEHNOLOGIJE

# DOKUMENTACIJA

<http://furni.infinityfreeapp.com/>

**Web Programiranje PHP 1**

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**Smer: Internet Tehnologije**

**Modul: IT**

**Predmet: Web Programiranje PHP 1**

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# Uvod

## Korišćeni programski jezici

- Za izradu sajta korišćeni su HTML, CSS, jQuery, Bootstrap, XML(sitemap), MySQL i PHP.
- Radno okruženje je Visual Studio Code.

## Opis funkcionalnosti

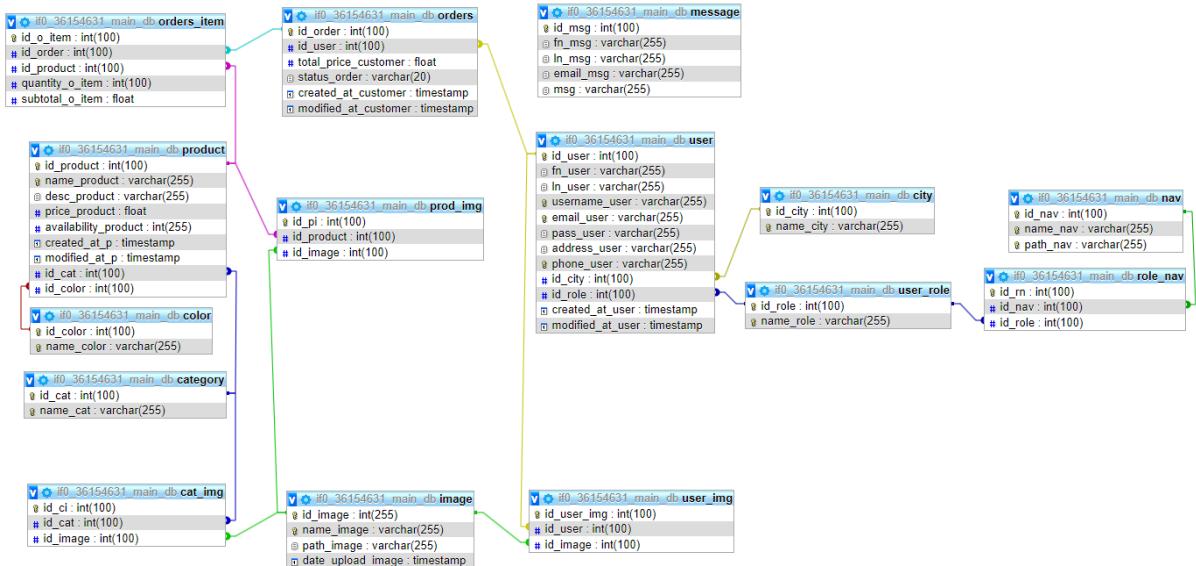
- Responsive sajt uz pomoć media query-ja i bootstrap-a.
- Dinamički meni u odnosu na korisnika (admin/korisnik).
- Tema sajta je prodavnica gde korisnik može da se registruje, loguje i kupuje proizvode.
- Kupovina proizvoda je moguća samo ukoliko je korisnik registrovan.
- Pristup korisničkom profilu gde je moguće izmeniti podatke o samom korisniku kao i pregled prethodnih kupovina.
- Pored običnog korisnika tu je i admin korisnik koji ima prisup admin panelu preko kojeg može da ažurira, briše i dodaje nove proizvode.
- Na shop strani se nalaze svi proizvodi, filtriranje, sortiranje, paginacija, redirektovanje klikom na proizvod.
- Slanje poruke admin-u na strani contact us, vidljivo u admin panelu.
- Stranice zaštićene od neovlašćenog pristupa.

## Template

- Za izradu sajta je korišćen template.

# Organizacija

## Organizaciona šema - dizajn baze



## Mapa sajta

- sitemap.xml

```
<?xml version="1.0" encoding="UTF-8"?>

<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">

<url>
    <loc>http://furni.infinityfreeapp.com/index.php</loc>
    <lastmod>2024-05-17</lastmod>
    <changefreq>daily</changefreq>
    <priority>0.9</priority>
</url>
<url>
    <loc>http://furni.infinityfreeapp.com/shop.php</loc>
    <lastmod>2024-05-17</lastmod>
    <changefreq>weekly</changefreq>
    <priority>0.8</priority>
</url>
```

```
</url>

<url>
<loc>http://furni.infinityfreeapp.com/product.php</loc>
<lastmod>2024-05-17</lastmod>
<changefreq>weekly</changefreq>
<priority>0.8</priority>
</url>

<url>
<loc>http://furni.infinityfreeapp.com/about.php</loc>
<lastmod>2024-05-17</lastmod>
<changefreq>monthly</changefreq>
<priority>0.5</priority>
</url>

<url>
<loc>http://furni.infinityfreeapp.com/index.php</loc>
<lastmod>2024-05-17</lastmod>
<changefreq>monthly</changefreq>
<priority>0.5</priority>
</url>

<url>
<loc>http://furni.infinityfreeapp.com/contact.php</loc>
<lastmod>2024-05-17</lastmod>
<changefreq>monthly</changefreq>
<priority>0.6</priority>
</url>

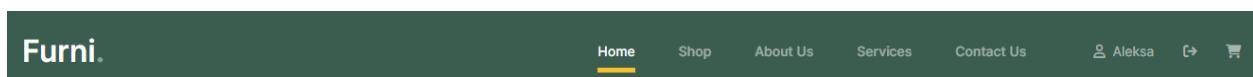
<url>
<loc>http://furni.infinityfreeapp.com/contact.php</loc>
<lastmod>2024-05-17</lastmod>
<changefreq>monthly</changefreq>
<priority>0.6</priority>
</url>

<url>
```

```
<loc>http://furni.infinityfreeapp.com/register.php</loc>
<lastmod>2024-05-17</lastmod>
<changefreq>yearly</changefreq>
<priority>0.3</priority>
</url>
<url>
<loc>http://furni.infinityfreeapp.com/login.php</loc>
<lastmod>2024-05-17</lastmod>
<changefreq>yearly</changefreq>
<priority>0.3</priority>
</url>
<url>
<loc>http://furni.infinityfreeapp.com/profile.php</loc>
<lastmod>2024-05-17</lastmod>
<changefreq>daily</changefreq>
<priority>0.8</priority>
</url>
<url>
<loc>http://furni.infinityfreeapp.com/adminPanel.php</loc>
<lastmod>2024-05-17</lastmod>
<changefreq>weekly</changefreq>
<priority>0.8</priority>
</url>
<url>
<loc>http://furni.infinityfreeapp.com/adminInsertProduct.php</loc>
<lastmod>2024-05-17</lastmod>
<changefreq>monthly</changefreq>
<priority>0.5</priority>
</url>
<url>
<loc>http://furni.infinityfreeapp.com/adminProduct.php</loc>
<lastmod>2024-05-17</lastmod>
```

```
<changefreq>monthly</changefreq>
<priority>0.5</priority>
</url>
<url>
<loc>http://furni.infinityfreeapp.com/adminProduct.php</loc>
<lastmod>2024-05-17</lastmod>
<changefreq>monthly</changefreq>
<priority>0.5</priority>
</url>
<url>
<loc>http://furni.infinityfreeapp.com/adminMessages.php</loc>
<lastmod>2024-05-17</lastmod>
<changefreq>yearly</changefreq>
<priority>0.3</priority>
</url>
<url>
<loc>http://furni.infinityfreeapp.com/author.php</loc>
<lastmod>2024-05-17</lastmod>
<changefreq>yearly</changefreq>
<priority>0.2</priority>
</url>
</urlset>
```

## Slike stranica i opis funkcionalnosti



- Navigacioni meni se dinamički ispisuje iz baze podataka. Ukoliko je korisnik tipa user, pored ikonice za login/profil pisaće ime, a ukoliko je tipa admin, pojavljuje se link ka admin panelu. User i admin se mogu izlogovati klikom na dugme za odjavljivanje pored korpe.

A screenshot of a login form on the Furni website. It features a back button labeled "< Home", a title "Login", and two input fields: "Email" containing "aleksa.subasic@gmail.com" and "Password" containing a masked string. A large "Login" button is at the bottom, and a link "Don't have an account? [Register here!](#)" is at the bottom right.

- Klikom na profilnu ikonicu, korisnika preusmerava na stranicu za login (login.php). Ako nije ulogovan, korisnik unosi svoju email adresu, lozinku i loguje se, a ako jeste onda ga redirektuje na profilnu stranicu (profile.php).
- Email i password polje imaju svoje regularne izraze i obaveštavaju korisnika ukoliko pogrešno unese svoje podatke ili ako nalog ne postoji.
- Na dnu stranice nalazi se link za registraciju novog korisnika (register.php).

# Register

First Name

Last Name

Phone number

City

Address

Email

Username

Password

Repeat Password

**Register**

Already have an account? [Login here!](#)

- Sva polja imaju svoje regularne izraze i svoje poruke o greškama.

# Welcome back, Aleksa!

Profile:

First Name

Last Name

Phone number

City

Address

Your past orders:

Name	Quantity	Price
Buffalo	2	\$649.99
Order date: 2024-04-24		Total: \$1314.97 + shipping.
Bliss Burst	3	\$499.99
Order date: 2024-04-29		Total: \$1514.96 + shipping.
Harmony Glass - Top	2	\$199.99
Order date: 2024-04-29		Total: \$414.97 + shipping.

- Profilna stranica (profile.php) na kojoj korisnik može da vidi svoje prethodne kupovine i da ažurira svoje podatke kao što su, profilna slika, adresa, broj telefona i ostale podatke.

**Furni.**

Home    Shop    About Us    Services    Contact Us     

# Modern Interior Design Studio

Welcome to Furni – Your Gateway to Timeless Elegance. Discover a world where sophistication meets comfort, and where each piece of furniture tells a unique story.

[Shop Now](#)



**Crafted with excellent material.**

Discover our most popular products and transform your space with the latest trends and timeless classics for a stylish home.

[Explore](#)

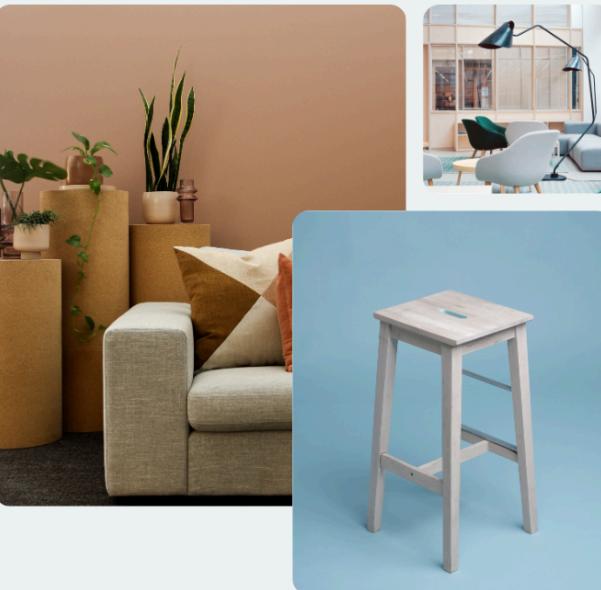


Elegance Luxe  
\$269.99

Harmony Haven  
\$189.99

Opulent Oasis  
\$319.99

- Na početnoj stranici se mogu videti proizvodi koji se dohvataju iz baze podataka. Takođe klikom na proizvod, redirektuje se na stranicu tog proizvoda.
- Dugme "Shop Now" i "Explore" redirektuje na Shop stranicu (shop.php)



## We Help You Make Modern Interior Design

Transform your space with our expertise in modern interior design. Our dedicated team is committed to enhancing your living environment, combining functionality with contemporary aesthetics.

- **Expert Designers:** Our experienced designers bring innovative and modern concepts to life, ensuring a stylish and functional interior.
- **Solutions:** Tailoring designs to suit your preferences, we create spaces that resonate with your lifestyle and taste.
- **Quality Materials:** We prioritize quality, using premium materials to deliver durable and sophisticated interior solutions.
- **Timely Execution:** We understand the value of time. Our efficient team ensures timely execution without compromising on excellence.

[Explore](#)

## Testimonials

"Incredible selection and quality! Furni helped me find the perfect pieces to elevate my home's interior. Couldn't be happier with the service and style."



**Maria Jones**  
Bought chair: Symphony Seating

- Explore dugme redirektuje na stranu o servisima. Sekcija o recenzijama korisnika.

## Furni.

Furni is your trusted destination for exquisite furniture. Immerse yourself in a world of elegance and comfort, where each piece is crafted with precision and designed to elevate your living spaces. Explore our curated collections and transform your home with Furni, where style meets functionality.



<a href="#">Home</a>	<a href="#">Author</a>
<a href="#">Shop</a>	<a href="#">Sitemap</a>
<a href="#">About</a>	<a href="#">Documentation</a>
<a href="#">Contact us</a>	
<a href="#">Services</a>	

Copyright © 2024. All Rights Reserved. — Aleksa Subasic

- Footer sekcija sa linkovima ka ostalim stranicama, socijalnim mrežama i dodatnim linkovima kao što su sitemap i dokumentacija.

Search products

Filter ▾

Armchair



Chair



Couch



Shelf



Table



Wardrobe

Elegance Luxe  
\$269.99Harmony Haven  
\$189.99Opulent Oasis  
\$319.99Serenity Sculpt  
\$199.99Tranquil Tides - Blue  
\$149.99Tranquil Tides - Pink  
\$149.99Tranquil Tides - White  
\$149.99Velvet Vista  
\$279.99

- Shop stranica (shop.php) na kojoj se mogu pretraživati proizvodi, filtrirati po boji, kategoriji i sortirati po ceni i nazivu. Klikom na kategoriju, učitavaju se proizvodi koji pripadaju toj kategoriji preko ajax-a.

Armchair



Chair



Couch



Shelf



Table



Wardrobe





Coastal Crest  
\$79.49



Symphony Seating  
\$124.49



Urban Utopia  
\$84.99



Luna Loom  
\$95.89



Elezia - Green  
\$239.99



Graceful Grove  
\$49.99



Refined Radiance  
\$84.89



Essence Eclipse  
\$39.99

1 2

- Primer paginacije za kategoriju stolica.

[Back](#)



### Urban Utopia

Category: Chair

Contemporary chair that harmoniously blends natural elements with modern design.

Crafted from quality wood and adorned with chic fabric.

Price: \$84.99

Color: Deep Blue

In Stock: 0

YOU NEED TO [LOGIN](#) IN ORDER TO PURCHASE.

Buy

### Crafted with excellent material.

Discover our most popular products and transform your space with the latest trends and timeless classics for a stylish home.

Explore



Coastal Crest  
\$79.49

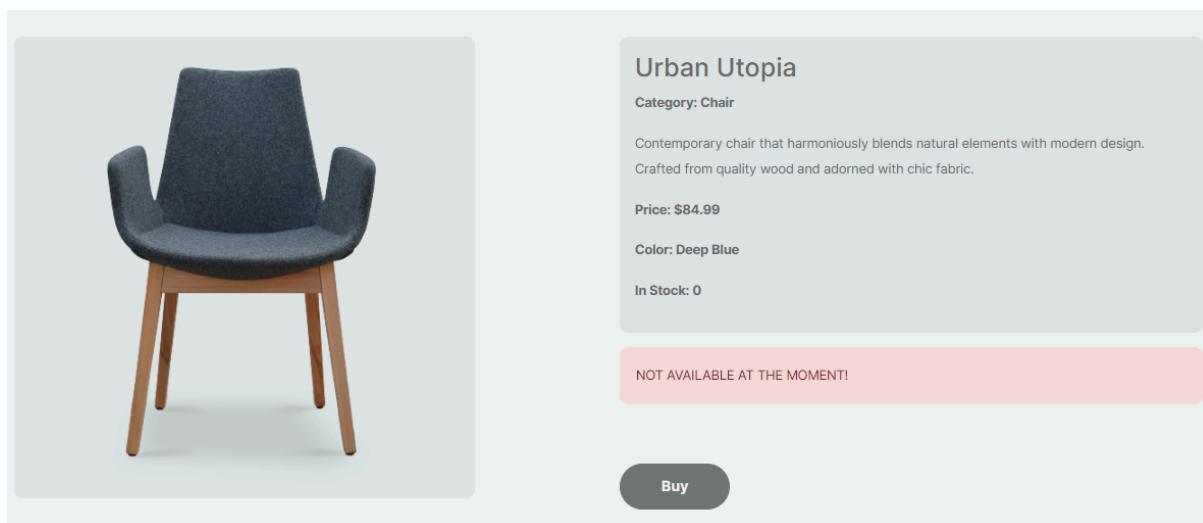


Refined Radiance  
\$84.89



Essence Eclipse  
\$39.99

- Klikom na određeni proizvod, redirektuje se na stranicu tog proizvoda (primer Urban Utopia - product.php?id=17). Mogu se videti detalji kao što su slika, ime, kategorija, opis, cena, boja i dostupnost proizvoda.
- Proizvod se ne može staviti u korpu ukoliko korisnik nije prethodno ulogovan ili ukoliko je dostupnost jednaka nuli.



- Proizvodi ispod se dobijaju nasumično iz baze koji pripadaju istoj kategoriji kao selektovan proizvod, u ovom slučaju stolica.

< Back

## YOUR CART

Product	Name	Price	Quantity	Total	Remove
	Tranquil Tides - Blue	\$149.99	<input type="button" value="-"/> 2 <input type="button" value="+"/>	\$149.99	
	Tranquil Tides - White	\$149.99	<input type="button" value="-"/> 1 <input type="button" value="+"/>	\$149.99	

**TOTAL**


---

 Subtotal: **\$0.00**  
 Shipping: **\$14.99**  
**Total:** **\$14.99**

**Checkout**

- Klikom na dugme "Buy", korisnik se preusmerava na stranicu korpe (cart.php) gde može pregledati detalje o proizvodima koji su dodati. Količina proizvoda može biti smanjena ili povećana u zavisnosti od dostupnosti zaliha u bazi podataka. Polje za ukupnu cenu se automatski ažurira na osnovu cene i količine. Takođe, proizvod može biti uklonjen iz korpe.
- Sekcija "Total" prikazuje ukupnu cenu svih proizvoda, troškove poštarine, kao i ukupnu cenu proizvoda zajedno sa poštarinom.

**Billing Details**

You can change billing details here: [account page](#).

**Payment Details**

Pay with cash upon arrival.

**Your Order**

Product	Total
Tranquil Tides - Blue x 2	\$0
Tranquil Tides - White x 1	\$149.99
Shipping	\$14.99
<b>Order Total</b>	<b>\$164.98</b>

**Place Order**

- Stranica za naplatu (checkout.php) prikazuje ime proizvoda, njihovu količinu, cenu pojedinačno, kao i ukupnu cenu svih proizvoda. Korisnik na ovoj stranici može da se preusmeri na svoju profilnu stranicu kako bi izmenio svoje informacije, kao što je adresa stanovanja.
- Klikom na dugme "Place Order", korisnik uspešno obavlja kupovinu proizvoda.

**Furni.**

Home Shop About Us Services **Contact Us** Aleksa

## Contact us

456 Park Avenue, New York
 furni.contact@gmail.com
 +1 294 3925 3939

First name   
 Last name   
 Email address   
 Message

**Send Message**

- Kontakt stranica pruža korisnicima da stupe u kontakt sa prodavcem, dok admin panel omogućava administratorima da prate pristigle poruke. Svako polje ima svoju validaciju sa regularnim izrazima.

Welcome back, Admin.

[Add new product >](#)[Messages >](#)

Search products

Filter ▾

## Browse By Category:

Armchair



Chair



Couch



Shelf



Table



Wardrobe



Elegance Luxe

\$269.99



Harmony Haven

\$189.99



Opulent Oasis

\$319.99



Serenity Sculpt

\$199.99

- Admin Panel (adminPanel.php) stranica gde administrator može da doda, ažurira i obriše proizvod. Takođe može da vidi poruke poslate od strane korisnika.

[Back to panel](#)

# PRODUCT IMAGE

Product Name

Description

Price

Availability

Category

Color

- Dodavanje novog proizvoda (adminInsertProduct.php) uključuje validaciju unetih podataka. Ako već postoji proizvod sa istom slikom ili istim imenom, novi proizvod ne može biti dodat.

[<> Back to panel](#)[Preview changes >](#)

Last updated: 2024-05-09 17:50:11



Product Name

Description

Indulge in the epitome of sophistication with our Elegance Luxe Armchair. Crafted with meticulous attention to detail, this armchair seamlessly blends luxury and comfort, elevating the ambiance of any space.

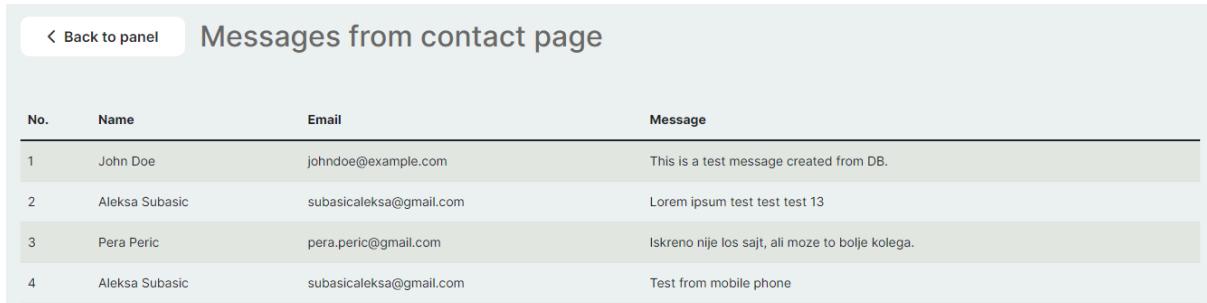
Price

Availability

Category

Color

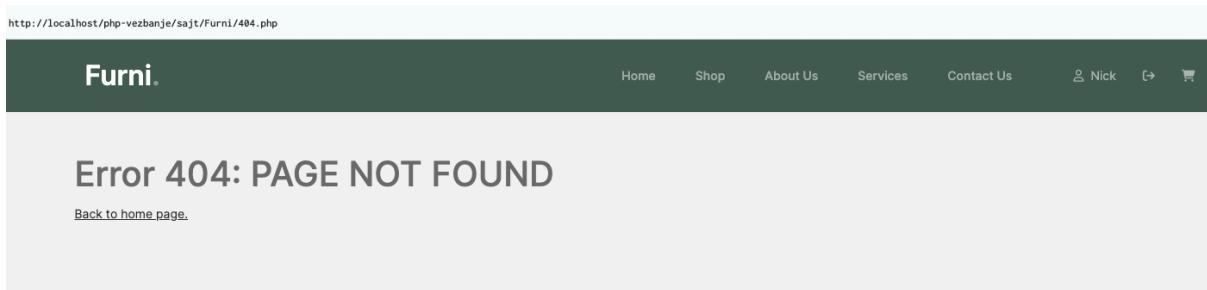
- Ažuriranje i brisanje proizvoda (adminProduct.php?id=2 u ovom slučaju) uključuje validaciju unetih podataka. Ako već postoji proizvod sa istom slikom ili istim imenom, novi proizvod ne može biti dodat. Dugme "Preview Changes" služi za prikaz proizvoda sa novim promenama.



A screenshot of an admin panel titled "Messages from contact page". It shows a table with four columns: No., Name, Email, and Message. There are four entries:

No.	Name	Email	Message
1	John Doe	johndoe@example.com	This is a test message created from DB.
2	Aleksa Subasic	subasicaleksa@gmail.com	Lorem ipsum test test test 13
3	Pera Peric	pera.peric@gmail.com	Iskreno nije los sajt, ali moze to bolje kolega.
4	Aleksa Subasic	subasicaleksa@gmail.com	Test from mobile phone

- Poruke od strane korisnika (adminMessages.php).



- Neke stranice, kao što je admin panel, zaštićene su od neovlašćenog pristupa. Samo ulogovani korisnici sa odgovarajućim privilegijama (tip korisnika "admin") mogu pristupiti ovim stranicama. Korisnici koji nisu ulogovani ili imaju tip korisnika "user" nemaju pristup ovim zaštićenim stranicama.

# Kodovi

## PHP

- Ovde su postavljeni template(head.php, nav.php i footer.php), models(register, login, cart) i stranice(sve za admina i product.php). Za sve ostale PHP fajlove, pogledajte unutar glavnog, config, connection, models i template foldera.

### Template folder

#### head.php

```
<?php
session_start();
include "connection/conn.php";
include "models/functions.php";
include "config/config.php";

$pageData = $metaData['home'];
$currentPage = basename($_SERVER['REQUEST_URI']);

switch ($currentPage) {
    case "index.php":
        $pageData = $metaData['home'];
        break;
    case "about.php":
        $pageData = $metaData['about'];
        break;
    case "shop.php":
        $pageData = $metaData['shop'];
        break;
    case "services.php":
        $pageData = $metaData['services'];
        break;
    case "contact.php":
        $pageData = $metaData['contact'];
        break;
    case "login.php":
        $pageData = $metaData['login'];
        break;
    case "register.php":
        $pageData = $metaData['register'];
        break;
    case "cart.php":
```

```

$pageData = $metaData['cart'];
break;

case "profile.php":
$pageData = $metaData['profile'];
break;

case "product.php":
$pageData = $metaData['product'];
break;

case "author.php":
$pageData = $metaData['author'];
break;
}

if (str_contains($currentPage, "?id=")) {
$questionMarkLoc = strpos($currentPage, "=");
$id = substr($currentPage, $questionMarkLoc + 1);
$product = getProduct($id);

$pageData['title'] = "Furni - " . $product[0]->name_product;
$pageData['description'] = $product[0]->desc_product;
}

?>
<!doctype html>
<html lang="en">

<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<meta name="author" content="Aleksa">
<meta name="description" content="<?php echo $pageData['description']; ?>">
<meta name="keywords" content="<?php echo $pageData['keywords']; ?>">

<link rel="shortcut icon" href="assets/images/favicon.png" />

<!-- Bootstrap CSS -->
<link href="assets/css/bootstrap.min.css" rel="stylesheet" />
<link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css" rel="stylesheet">
<link href="assets/css/tiny-slider.css" rel="stylesheet" />
<link href="assets/css/style.css" rel="stylesheet" />
<title><?php echo $pageData['title']; ?></title>
</head>

```

## nav.php

```
<?php

$user = $_SESSION['user'];
if ($user != null) {
    $roleName = $user->name_role;
    $navArr = getNavWithRoles($roleName);
    $profileURL = "profile.php";
} else {
    $navArr = getNavWithRoles("user");
    $profileURL = "login.php";
}

$path = $_SERVER['REQUEST_URI'];
if (!str_contains($path, "login.php")) {
?>

    <!-- Start Header/Navigation -->
    <nav class="custom-navbar navbar navbar-expand-md navbar-dark bg-dark"
aria-label="Furni navigation bar">

        <div class="container">
            <a class="navbar-brand" href="index.php">Furni<span>.</span></a>

            <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
data-bs-target="#navbarsFurni" aria-controls="navbarsFurni" aria-expanded="false"
aria-label="Toggle navigation">
                <span class="navbar-toggler-icon"></span>
            </button>

            <div class="collapse navbar-collapse" id="navbarsFurni">
                <ul id="navbarsFurniUl" class="custom-navbar-nav navbar-nav ms-auto
mb-2 mb-md-0">
                    <?php foreach ($navArr as $nav) : ?>
                        <li><a class="nav-link" href="<?= $nav->path_nav ?>"><?=
$nav->name_nav ?></a></li>
                    <?php endforeach; ?>
                </ul>

                <ul class="custom-navbar-cta navbar-nav mb-2 mb-md-0 ms-5">
                    <li>
                        <?php if ($roleName == "user") : ?>
                            <a class="nav-link" href="<?php echo $profileURL; ?>">
                                <i class="fa-regular fa-user"></i>
                            </a>
                        <?php endif; ?>
                    </li>
                </ul>
            </div>
        </div>
    </nav>
}
```

```

<?php echo
$_SESSION['user']->fn_user; ?></span>
</a>
<?php elseif ($roleName == "admin") : ?>
<a class="nav-link d-none" href="login.php">
    <i class="fa-regular fa-user"></i>
</a>
<?php else : ?>
<a class="nav-link" href="login.php">
    <i class="fa-regular fa-user"></i>
</a>
<?php endif; ?>
</li>
<li>
    <?php if (isset($_SESSION['user'])) : ?>
        <a class="nav-link" href="models/logout.php">
            <i class="fa-solid fa-arrow-right-from-bracket"></i>
        </a>
        <?php endif; ?>
    </li>
    <li>
        <a class="nav-link" href="cart.php">
            <i class="fa-solid fa-cart-shopping"></i>
        </a>
    </li>
</ul>
</div>
</div>

</nav>
<!-- End Header/Navigation -->
<?php
}
?>
```

## footer.php

```

<?php
$path = $_SERVER['REQUEST_URI'];
if (!str_contains($path, "login.php")) {
?>
    <!-- Start Footer Section -->
    <footer class="footer-section">
        <div class="container relative">
```

```

<div class="row mb-5">

    <div class="col-lg-6">
        <div class="mb-4 footer-logo-wrap"><a href="#" class="footer-logo">Furni<span>.</span></a></div>
            <p class="mb-4">Furni is your trusted destination for exquisite furniture. Immerse yourself in a world of elegance and comfort, where each piece is crafted with precision and designed to elevate your living spaces. Explore our curated collections and transform your home with Furni, where style meets functionality.</p>

            <ul class="list-unstyled custom-social">
                <li><a href="#"><span class="fa fa-brands fa-facebook-f"></span></a></li>
                <li><a href="#"><span class="fa fa-brands fa-twitter"></span></a></li>
                <li><a href="#"><span class="fa fa-brands fa-instagram"></span></a></li>
                <li><a href="#"><span class="fa fa-brands fa-linkedin"></span></a></li>
            </ul>
        </div>

        <div class="col-lg-6">
            <div class="row links-wrap justify-content-end">
                <div class="col-6 col-sm-6 col-md-3">
                    <ul class="list-unstyled">
                        <li><a href="index.php">Home</a></li>
                        <li><a href="shop.php">Shop</a></li>
                        <li><a href="about.php">About</a></li>
                        <li><a href="contact.php">Contact us</a></li>
                        <li><a href="services.php">Services</a></li>
                    </ul>
                </div>
                <div class="col-6 col-sm-6 col-md-3">
                    <ul class="list-unstyled">
                        <li><a href="author.php">Author</a></li>
                        <li><a href="sitemap.php">Sitemap</a></li>
                        <li><a href="dokumentacija.pdf">Documentation</a></li>
                    </ul>
                </div>
            </div>
        </div>
    </div>

```

```

        </div>

        <div class="border-top copyright">
            <div class="row pt-4">
                <div class="col-lg-6">
                    <p class="mb-2 text-center text-lg-start">Copyright ©;
<script>
                document.write(new Date().getFullYear());
            </script>. All Rights Reserved. — Aleksa Subasic
                </p>
            </div>
            </div>
        </div>
    </div>
</footer>
<!-- End Footer Section -->
<?php
}
?>

<script src="assets/js/bootstrap.bundle.min.js"></script>
<script src="assets/js/tiny-slider.js"></script>
<script src="assets/js/custom.js"></script>
<script src="https://code.jquery.com/jquery-3.7.1.min.js"
integrity="sha256-/JqT3SQfawRcv/BIHPThkBvs0OEvtFFmqPF/lYI/Cxo="
crossorigin="anonymous"></script>
<script src="assets/js/as-main.js"></script>
</body>

</html>

```

## Models folder

### functions.php

```
<?php
define("OFFSET", 8);

function getAnyTable($tableName)
{
    global $conn;
    $query = "SELECT * FROM $tableName";

    $res = $conn->query($query)->fetchAll();
    return $res;
}

function getCategoryWithImages()
{
    global $conn;
    $query = "SELECT * FROM image i JOIN cat_img ci ON i.id_image = ci.id_image JOIN category c ON ci.id_cat = c.id_cat";

    $res = $conn->query($query)->fetchAll();
    return $res;
}

function getNavWithRoles($roleName)
{
    global $conn;
    $query = "SELECT * FROM role_nav rn JOIN user_role ur ON rn.id_role = ur.id_role
JOIN nav n ON rn.id_nav = n.id_nav WHERE ur.name_role = ?";

    $ps = $conn->prepare($query);
    $ps->bindValue(1, $roleName, PDO::PARAM_STR);
    $ps->execute();

    $res = $ps->fetchAll();
    return $res;
}

function getProductFromCategory()
{
    global $conn;
    $query = "SELECT * FROM product p JOIN category c ON p.id_cat=c.id_cat JOIN
prod_img pi ON p.id_product=pi.id_product JOIN image i ON pi.id_image=i.id_image";
```

```

    $res = $conn->query($query)->fetchAll();
    return $res;
}

function getProductFromCategoryTop3()
{
    global $conn;
    $query = "SELECT * FROM product p JOIN category c ON p.id_cat=c.id_cat JOIN
prod_img pi ON p.id_product=pi.id_product JOIN image i ON pi.id_image=i.id_image
LIMIT 3";

    $res = $conn->query($query)->fetchAll();
    return $res;
}

function getProductFromSameCategoryTop3($catID)
{
    global $conn;
    $query = "SELECT * FROM product p JOIN category c ON p.id_cat=c.id_cat JOIN
prod_img pi ON p.id_product=pi.id_product JOIN image i ON pi.id_image=i.id_image
WHERE p.id_cat = ? ORDER BY RAND() LIMIT 3";

    $ps = $conn->prepare($query);
    $ps->bindValue(1, $catID, PDO::PARAM_INT);

    $ps->execute();
    $res = $ps->fetchAll();

    return $res;
}

function getProduct($id)
{
    global $conn;
    $query = "SELECT * FROM product p JOIN category c ON p.id_cat=c.id_cat
                JOIN prod_img pi ON
p.id_product=pi.id_product
                JOIN image i ON pi.id_image=i.id_image
                JOIN color clr ON p.id_color =
clr.id_color
                WHERE p.id_product=:id";

    $ps = $conn->prepare($query);
    $ps->bindParam(":id", $id);
}

```

```

    $ps->execute();

    $res = $ps->fetchAll();
    return $res;
}

function getUser($userID)
{
    global $conn;
    $query = "SELECT * FROM user u JOIN user_role ur ON u.id_role=ur.id_role
              JOIN city c ON u.id_city=c.id_city
              WHERE u.id_role=:id";

    $ps = $conn->prepare($query);
    $ps->bindParam(":id", $userID);
    $ps->execute();

    $res = $ps->fetchAll();
    return $res;
}

function getOrder($userID, $status = "pending")
{
    global $conn;
    $query = "SELECT * FROM user u JOIN orders o ON u.id_user=o.id_user WHERE
u.id_user=:id AND o.status_order=:st";

    $ps = $conn->prepare($query);
    $ps->bindParam(":id", $userID);
    $ps->bindParam(":st", $status);
    $ps->execute();

    $res = $ps->fetchAll();
    return $res;
}

function addOrder($userID)
{
    global $conn;
    $res = 1;
    $orderExist = getOrder($userID);

    if (!$orderExist) {
        $query = "INSERT INTO orders(id_user) VALUES (:id)";

```

```

        $ps = $conn->prepare($query);
        $ps->bindParam(":id", $userID);
        $res = $ps->execute();
    }

    return $res;
}

function getOrderItem($orderID, $productID)
{
    global $conn;

    $query = "SELECT * FROM orders_item oi WHERE id_order = :orderID AND id_product
= :productID";

    $ps = $conn->prepare($query);
    $ps->bindParam(":orderID", $orderID);
    $ps->bindParam(":productID", $productID);
    $ps->execute();

    $res = $ps->fetchAll();
    return $res;
}

function addOrderItems($userID, $productID)
{
    global $conn;
    $quant = 1;
    $res = false;
    $currentOrder = getOrder($userID);
    $currentOrderID = $currentOrder[0]->id_order;
    $orderItemsExist = getOrderItem($currentOrderID, $productID);

    if (!$orderItemsExist) {
        $product = getProduct($productID);
        $productPrice = $product[0]->price_product;

        $query = "INSERT INTO orders_item(id_order, id_product, quantity_o_item,
subtotal_o_item) VALUES (:orderID, :productID, :quant, :subTotal)";

        $ps = $conn->prepare($query);
        $ps->bindParam(":orderID", $currentOrderID);
        $ps->bindParam(":productID", $productID);
        $ps->bindParam(":quant", $quant);
        $ps->bindParam(":subTotal", $productPrice);
    }
}

```

```

        $res = $ps->execute();
    }

    return $res;
}

function updateOrderItems($userID, $productID, $quantity, $totalPrice)
{
    global $conn;
    $currentOrder = getOrder($userID);
    $currentOrderID = $currentOrder[0]->id_order;

    $query = "UPDATE orders_item SET quantity_o_item = :quantity, subtotal_o_item =
:totalPrice WHERE id_order = :orderID AND id_product = :productID";

    $ps = $conn->prepare($query);
    $ps->bindParam("quantity", $quantity);
    $ps->bindParam("totalPrice", $totalPrice);
    $ps->bindParam("orderID", $currentOrderID);
    $ps->bindParam("productID", $productID);
    $res = $ps->execute();

    return $res;
}

function getAllOrders($userID, $status = "pending")
{
    global $conn;
    if ($status == "completed") {
        $query = "SELECT * FROM orders o
                  JOIN orders_item oi ON o.id_order = oi.id_order
                  JOIN product p ON oi.id_product = p.id_product
                  JOIN prod_img pi ON p.id_product = pi.id_product
                  JOIN image i ON pi.id_image = i.id_image
                  WHERE o.id_user = :userID AND o.status_order = :st";

        $ps = $conn->prepare($query);
        $ps->bindParam(":userID", $userID);
        $ps->bindParam(":st", $status);
        $ps->execute();

        $res = $ps->fetchAll(PDO::FETCH_ASSOC);

        $orders = [];
        foreach ($res as $row) {

```

```

    $orderID = $row['id_order'];
    if (!isset($orders[$orderID])) {
        $orders[$orderID] = [
            'id_order' => $orderID,
            'status_order' => $row['status_order'],
            'total_price_customer' => $row['total_price_customer'],
            'order_date' => $row['modified_at_customer'],
            'items' => []
        ];
    }

    $orders[$orderID]['items'][] = [
        'id_product' => $row['id_product'],
        'name_product' => $row['name_product'],
        'quantity_o_item' => $row['quantity_o_item'],
        'subtotal_o_item' => $row['subtotal_o_item'],
        'price_product' => $row['price_product'],
        'path_image' => $row['path_image']
    ];
}

return $orders;
}

$order = getOrder($userID);
$orderID = $order[0]->id_order;

$query = "SELECT * FROM orders_item oi JOIN product p ON oi.id_product =
p.id_product JOIN prod_img pi ON p.id_product=pi.id_product JOIN image i ON
pi.id_image=i.id_image WHERE oi.id_order = :orderID";
$ps = $conn->prepare($query);
$ps->bindParam(":orderID", $orderID);

$ps->execute();

$res = $ps->fetchAll();
return $res;
}

function deleteOrderItems($userID, $productID)
{
    global $conn;
    $currentOrder = getOrder($userID);
    $currentOrderID = $currentOrder[0]->id_order;
}

```

```

    $query = "DELETE FROM orders_item WHERE id_order=:orderID AND
id_product=:productID";

    $ps = $conn->prepare($query);
    $ps->bindParam(":orderID", $currentOrderID);
    $ps->bindParam(":productID", $productID);
    $res = $ps->execute();

    return $res;
}

function finishOrder($orderID, $totalPrice)
{
    global $conn;
    $statusText = "completed";

    $currTimestamp = date("Y-m-d H:i:s");

    $query = "UPDATE orders SET total_price_customer = :totalPrice, status_order =
$statusText, modified_at_customer = :currTimestamp WHERE id_order = :orderID";

    $ps = $conn->prepare($query);
    $ps->bindParam(":totalPrice", $totalPrice);
    $ps->bindParam(":statusText", $statusText);
    $ps->bindParam(":currTimestamp", $currTimestamp);
    $ps->bindParam(":orderID", $orderID);
    $res = $ps->execute();

    return $res;
}

function getProductCount()
{
    global $conn;
    $query = "SELECT COUNT(*) as count FROM product";

    $res = $conn->query($query)->fetch();
    return $res;
}

function getPageCount()
{
    $productCount = getProductCount();
    $numberOfPages = ceil($productCount->count / OFFSET);
}

```

```

        return $numberOfPages;
    }

function filterProductsAndSort($catID = 0, $colorID = 0, $search = "", $sortBy = 0,
$limit = 0)
{
    global $conn;
    $lim = ((int) $limit) * OFFSET;
    $offset = OFFSET;

    $query = "SELECT SQL_CALC_FOUND_ROWS * FROM product p JOIN category c ON
p.id_cat = c.id_cat JOIN prod_img pi ON p.id_product = pi.id_product JOIN image i
ON pi.id_image = i.id_image JOIN color clr ON p.id_color = clr.id_color";

    $conditions = [];

    if ($catID != 0) {
        $conditions[] = "p.id_cat = :catID";
    }

    if ($colorID != 0) {
        $conditions[] = "p.id_color = :colorID";
    }

    if ($search != "") {
        $conditions[] = "p.name_product LIKE :search";
    }

    if (!empty($conditions)) {
        $query .= " WHERE " . implode(" AND ", $conditions);
    }

    switch ($sortBy) {
        case '1':
            $query .= " ORDER BY p.price_product DESC";
            break;
        case '2':
            $query .= " ORDER BY p.price_product ASC";
            break;
        case '3':
            $query .= " ORDER BY p.name_product ASC";
            break;
        case '4':
            $query .= " ORDER BY p.name_product DESC";
    }
}

```

```

        break;
    case '5':
        $query .= " ORDER BY p.id_product DESC";
        break;
    default:
        break;
}

$query .= " LIMIT :limit, :offset";

$ps = $conn->prepare($query);

if ($catID != 0) {
    $ps->bindParam(":catID", $catID);
}

if ($colorID != 0) {
    $ps->bindParam(":colorID", $colorID);
}

if ($search != "") {
    $searchParam = "%$search%";
    $ps->bindParam(":search", $searchParam);
}

$ps->bindParam(":limit", $lim, PDO::PARAM_INT);
$ps->bindParam(":offset", $offset, PDO::PARAM_INT);

$ps->execute();
$res = $ps->fetchAll();

if (empty($res)) {
    return true;
}

$totalRecordsCount = $conn->query("SELECT FOUND_ROWS() as total")->fetch(PDO::FETCH_ASSOC)['total'];
return ["products" => $res, "totalRecordsCount" => $totalRecordsCount];
}

function doesUsernameExists($username)
{
    global $conn;
    $query = "SELECT * FROM user WHERE username_user = :username";
}

```

```

    $ps = $conn->prepare($query);
    $ps->bindParam(":username", $username);
    $ps->execute();
    $res = $ps->fetch();

    return $res;
}

function doesEmailExists($email)
{
    global $conn;
    $query = "SELECT * FROM user WHERE email_user = :email";

    $ps = $conn->prepare($query);
    $ps->bindParam(":email", $email);
    $ps->execute();
    $res = $ps->fetch();

    return $res;
}

function doesPhoneExists($phone)
{
    global $conn;
    $query = "SELECT * FROM user WHERE phone_user = :phone";

    $ps = $conn->prepare($query);
    $ps->bindParam(":phone", $phone);
    $ps->execute();
    $res = $ps->fetch();

    return $res;
}

function insertNewUser($firstName, $lastName, $username, $email, $city, $address,
$password, $phone)
{
    global $conn;
    $idRole = 2;
    $query = "INSERT INTO user(fn_user, ln_user, username_user, email_user,
pass_user, address_user, phone_user, id_city, id_role) VALUES(?, ?, ?, ?, ?, ?, ?, ?,
?, ?)";

    $ps = $conn->prepare($query);
    $ps->bindValue(1, $firstName, PDO::PARAM_STR);

```

```

        $ps->bindValue(2, $lastName, PDO::PARAM_STR);
        $ps->bindValue(3, $username, PDO::PARAM_STR);
        $ps->bindValue(4, $email, PDO::PARAM_STR);
        $ps->bindValue(5, $password, PDO::PARAM_STR);
        $ps->bindValue(6, $address, PDO::PARAM_STR);
        $ps->bindValue(7, $phone, PDO::PARAM_STR);
        $ps->bindValue(8, $city, PDO::PARAM_INT);
        $ps->bindValue(9, $idRole, PDO::PARAM_INT);
        $res = $ps->execute();

        return $res;
    }

function updateUser($userID, $firstName, $lastName, $phone, $cityID, $adr)
{
    global $conn;
    $currTimestamp = date("Y-m-d H:i:s");

    $query = "UPDATE user SET fn_user=:firstName, ln_user=:lastName,
address_user=:adr, phone_user=:phone, id_city=:cityID,
modified_at_user=:currTimestamp WHERE id_user = :userID";

    $ps = $conn->prepare($query);
    $ps->bindParam(":firstName", $firstName, PDO::PARAM_STR);
    $ps->bindParam(":lastName", $lastName, PDO::PARAM_STR);
    $ps->bindParam(":adr", $adr, PDO::PARAM_STR);
    $ps->bindParam(":phone", $phone, PDO::PARAM_STR);
    $ps->bindParam(":cityID", $cityID, PDO::PARAM_INT);
    $ps->bindParam(":currTimestamp", $currTimestamp, PDO::PARAM_STR);
    $ps->bindParam(":userID", $userID, PDO::PARAM_INT);
    $res = $ps->execute();

    return $res;
}

function loginUser($email, $password)
{
    global $conn;
    $query = "SELECT * FROM user u JOIN city c ON u.id_city = c.id_city
              JOIN user_role ur ON u.id_role = ur.id_role
              WHERE u.email_user = ?";

    $ps = $conn->prepare($query);
    $ps->bindValue(1, $email, PDO::PARAM_STR);
    // $ps->bindValue(2, $password, PDO::PARAM_STR);
}

```

```

$ps->execute();
$res = $ps->fetch();

$hashPass = $res->pass_user;
if (password_verify($password, $hashPass)) {
    return $res;
}

return false;
}

function sendMessage($firstName, $lastName, $email, $message)
{
    global $conn;
    $query = "INSERT INTO message(fn_msg, ln_msg, email_msg, msg) VALUES(?, ?, ?, ?)";
    $ps = $conn->prepare($query);
    $ps->bindValue(1, $firstName, PDO::PARAM_STR);
    $ps->bindValue(2, $lastName, PDO::PARAM_STR);
    $ps->bindValue(3, $email, PDO::PARAM_STR);
    $ps->bindValue(4, $message, PDO::PARAM_STR);
    $res = $ps->execute();

    return $res;
}

function insertNewProduct($name, $desc, $price, $availability, $catID, $colorID)
{
    global $conn;
    $query = "INSERT INTO product(name_product, desc_product, price_product,
availability_product, id_cat, id_color) VALUES(?, ?, ?, ?, ?, ?, ?)";

    $ps = $conn->prepare($query);
    $ps->bindValue(1, $name, PDO::PARAM_STR);
    $ps->bindValue(2, $desc, PDO::PARAM_STR);
    $ps->bindValue(3, $price);
    $ps->bindValue(4, $availability, PDO::PARAM_INT);
    $ps->bindValue(5, $catID, PDO::PARAM_INT);
    $ps->bindValue(6, $colorID, PDO::PARAM_INT);
    $ps->execute();

    $getLatestProduct = "SELECT id_product FROM product ORDER BY id_product DESC
LIMIT 1";
    $productID = $conn->query($getLatestProduct)->fetch()->id_product;
}

```

```

        return $productID;
    }

function doesProductExists ($nameProduct)
{
    global $conn;
    $query = "SELECT * FROM product WHERE name_product = ?";

    $ps = $conn->prepare($query);
    $ps->bindValue(1, $nameProduct, PDO::PARAM_STR);
    $ps->execute();
    $res = $ps->fetch();

    return $res;
}

function updateProduct ($productID, $name, $desc, $price, $availability, $catID,
$cColorID)
{
    global $conn;
    $currentTimestamp = date('Y-m-d H:i:s');
    $query = "UPDATE product SET name_product = ?, desc_product = ?, price_product =
?, availability_product = ?, id_cat = ?, id_color = ?, modified_at_p = ? WHERE
id_product = ?;

    $ps = $conn->prepare($query);
    $ps->bindValue(1, $name, PDO::PARAM_STR);
    $ps->bindValue(2, $desc, PDO::PARAM_STR);
    $ps->bindValue(3, $price);
    $ps->bindValue(4, $availability, PDO::PARAM_INT);
    $ps->bindValue(5, $catID, PDO::PARAM_INT);
    $ps->bindValue(6, $cColorID, PDO::PARAM_INT);
    $ps->bindValue(7, $currentTimestamp);
    $ps->bindValue(8, $productID, PDO::PARAM_INT);
    $res = $ps->execute();

    return $res;
}

function deleteProduct ($productID)
{
    global $conn;
    $query = "DELETE FROM product WHERE id_product = ?";

```

```

    $ps = $conn->prepare($query);
    $ps->bindValue(1, $productID, PDO::PARAM_INT);
    $res = $ps->execute();

    return $res;
}

function insertNewImage($nameImage, $pathImage)
{
    global $conn;

    $query = "INSERT INTO image (name_image, path_image) VALUES (:nameImage,
:pathImage)";
    $ps = $conn->prepare($query);
    $ps->bindValue(':nameImage', $nameImage, PDO::PARAM_STR);
    $ps->bindValue(':pathImage', $pathImage, PDO::PARAM_STR);
    $ps->execute();

    $imageID = $conn->lastInsertId();

    return $imageID;
}

function getProfileProductImage($imageUploadType, $id)
{
    global $conn;

    if ($imageUploadType == "profile") {
        $query = "SELECT * FROM user_img ui JOIN image i ON ui.id_image = i.id_image
WHERE id_user = :id";
    } else if ($imageUploadType == "product") {
        $query = "SELECT * FROM prod_img pi JOIN image i ON pi.id_image = i.id_image
WHERE id_product = :id";
    }

    $ps = $conn->prepare($query);
    $ps->bindValue(":id", $id);
    $ps->execute();
    $res = $ps->fetch();

    return $res;
}

function updateInsertProfileProductImage($imageUploadType, $id, $nameImage,
$pathImage, $fileTmpName)

```

```

{
    global $conn;
    $currTimestamp = date("Y-m-d H:i:s");

    if ($imageUploadType == "profile") {
        $currentProfileImage = getProfileProductImage("profile", $id);

        // UPDATE
        if ($currentProfileImage) {
            $currentProfileImageID = $currentProfileImage->id_image;

            $currentImageMovePath = "../" . $currentProfileImage->path_image;

            if (file_exists($currentImageMovePath)) {
                unlink($currentImageMovePath);
            }

            move_uploaded_file($fileTmpName, "../" . $pathImage);

            $query = "UPDATE image SET name_image = :nameImage, path_image =
:pathImage, date_upload_image = :currTimestamp WHERE id_image = :imageID";
            $ps = $conn->prepare($query);
            $ps->bindValue(':nameImage', $nameImage, PDO::PARAM_STR);
            $ps->bindValue(':pathImage', $pathImage, PDO::PARAM_STR);
            $ps->bindValue(':currTimestamp', $currTimestamp, PDO::PARAM_STR);
            $ps->bindValue(':imageID', $currentProfileImageID, PDO::PARAM_INT);
            $res = $ps->execute();

            return $res;
        }
    }

    // INSERT
    $imageID = insertNewImage($nameImage, $pathImage);

    if ($imageID) {
        $query = "INSERT INTO user_img (id_user, id_image) VALUES (:userID,
:imageID)";
        $ps = $conn->prepare($query);
        $ps->bindValue(':userID', $id, PDO::PARAM_INT);
        $ps->bindValue(':imageID', $imageID, PDO::PARAM_INT);
        $res = $ps->execute();

        return $res;
    } else {
        return false;
    }
}

```

```

        }

    } else if ($imageUploadType == "product") {
        $imageID = insertNewImage($nameImage, $pathImage);

        if ($imageID) {
            move_uploaded_file($fileTmpName, "../" . $pathImage);
            $currentProductImage = getProfileProductImage("product", $id);

            // UPDATE
            if ($currentProductImage) {
                $query = "UPDATE prod_img SET id_image = :imageID WHERE id_product = :productID";
                $ps = $conn->prepare($query);
                $ps->bindValue(':imageID', $imageID, PDO::PARAM_INT);
                $ps->bindValue(':productID', $id, PDO::PARAM_INT);
                $res = $ps->execute();

                return $res;
            }
        }

        // INSERT
        $query = "INSERT INTO prod_img (id_product, id_image) VALUES (:productID, :imageID)";
        $ps = $conn->prepare($query);
        $ps->bindValue(':productID', $id, PDO::PARAM_INT);
        $ps->bindValue(':imageID', $imageID, PDO::PARAM_INT);
        $res = $ps->execute();

        return $res;
    } else {
        return false;
    }
}
}

```

## filter.php

```

<?php
header("Content-Type: application/json");
if ($_SERVER['REQUEST_METHOD'] == "POST") {
    try {
        include "../connection/conn.php";
        include "functions.php";
    }
}

```

```

$catID = $_POST['catID'];
$colorID = $_POST['colorID'];
$search = $_POST['search'];
$sortBy = $_POST['sortBy'];
$sendPage = isset($_POST['sendPage']) ? $_POST['sendPage'] : 0;

if($catID == null) $catID = 0;

$res = filterProductsAndSort($catID, $colorID, $search, $sortBy, $sendPage);

if ($res) {
    echo json_encode($res);
    http_response_code(200);
} else {
    echo json_encode(["msg" => "Error: server-side error."]);
    http_response_code(422);
}

} catch (PDOException $ex) {
    echo json_encode(["msg" => "Error: " . $ex->getMessage()]);
    http_response_code(500);
}

} else {
    header("location: ../404.php");
}
?>

```

## loginUser.php

```

<?php
session_start();
header("Content-Type: application/json");
if ($_SERVER['REQUEST_METHOD'] == "POST") {
    try {
        include "../connection/conn.php";
        include "functions.php";

        $email = $_POST['email'];
        $password = $_POST['password'];

        $errors = 0;
        $regEmail =
"/^ [a-zšđčćž]{1} [a-zšđčćž0-9\.]+ [a-zšđčćž0-9]@[a-zšđčćž\.]+\[\.\]+\[a-z\]{2,} $/";
        $regPassword =
"/^(?=.*?[A-Z])(?=.*?[a-z])(?=.*?[0-9])(?=.*?[^\\!\\@\\#\\$\\%\\^\\&\\*\\(\\)\\_\\+\\{\\}\\:\\\"\\|\\
<\\>\\?\\\[\\]\\;\\'\\\\,.\\/.\\`\\\$\\±\\~]).{8,} $/";
    }
}

```

```

if ($email == "") {
    $errors++;
} else if (!preg_match($regEmail, $email)) {
    $errors++;
}

if ($password == "") {
    $errors++;
} else if (!preg_match($regPassword, $password)) {
    $errors++;
}

if ($errors == 0) {
    $result = loginUser($email, $password);
    $_SESSION['user'] = $result;

    if ($result) {
        echo json_encode($result);
        http_response_code(200);
    } else {
        echo json_encode(["msg" => "Account doesn't exists."]);
        http_response_code(401);
    }
}
} catch (PDOException $ex) {
    echo json_encode(["msg" => "Error: " . $ex->getMessage()]);
    http_response_code(500);
}
} else {
    header("location: ../404.php");
}

```

logout.php

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

## registerUser.php

```

$emailExists = doesEmailExists($email);
$phoneExists = doesPhoneExists($phone);

if ($usernameExists && $emailExists && $phoneExists) {
    echo json_encode(["msg" => "Same username, email and phone number
already exists!"]);
    http_response_code(409);
} else if ($usernameExists) {
    echo json_encode(["msg" => "Username already exists!"]);
    http_response_code(409);
} else if ($emailExists) {
    echo json_encode(["msg" => "Email already exists!"]);
    http_response_code(409);
} else if ($phoneExists) {
    echo json_encode(["msg" => "Phone already exists!"]);
    http_response_code(409);
}

else {
    if ($firstName == "") {
        $errors++;
    } else if (!preg_match($regName, $firstName)) {
        $errors++;
    }

    if ($lastName == "") {
        $errors++;
    } else if (!preg_match($regName, $lastName)) {
        $errors++;
    }
}

if ($username == "") {
    $errors++;
} else if (!preg_match($regUsername, $username)) {
    $errors++;
}

if ($email == "") {
    $errors++;
} else if (!preg_match($regEmail, $email)) {
    $errors++;
}

```

```

if ($city == "0") {
    $errors++;
}

if ($address == "") {
    $errors++;
} else if (strlen($address) <= 3) {
    $errors++;
}

if ($password == "") {
    $errors++;
} else if (!preg_match($regPassword, $password)) {
    $errors++;
}

if ($rPassword == "") {
    $errors++;
} else if ($rPassword != $password) {
    $errors++;
}

if ($regPhone == "") {
    $errors++;
} else if (!preg_match($regPhone, $phone)) {
    $errors++;
}

if ($errors == 0) {
    $encryptPass = password_hash($password, PASSWORD_DEFAULT);
    $result = insertNewUser($firstName, $lastName, $username, $email,
$city, $address, $encryptPass, $phone);

    if ($result) {
        echo json_encode(["msg" => "Successfully registered"]);
        http_response_code(201);
    } else {
        echo json_encode(["msg" => "Error: syntax error"]);
        http_response_code(422);
    }
}

```

```
        }
    }

} catch (PDOException $ex) {
    echo json_encode(["msg" => "Error: " . $ex->getMessage()]);
    http_response_code(500);
}

} else {
    header("location: ../404.php");
}
```

## updateProfile.php

```
<?php
session_start();
header("Content-Type: application/json");
if ($_SERVER['REQUEST_METHOD'] == "POST") {
    try {
        include "../connection/conn.php";
        include "functions.php";

        $userID = $_SESSION['user']->id_user;

        $firstName = $_POST['firstName'];
        $lastName = $_POST['lastName'];
        $phone = $_POST['phone'];
        $cityID = $_POST['city'];
        $address = $_POST['address'];

        $errors = 0;
        $regName = "/^([A-ZŠĐČĆŽ]{1})[A-zŠĐČĆŽšđććž]{2,20}$/";
        $regPhone = "/^1\+[0-9]{3}-[0-9]{3}-[0-9]{4}$/";

        if (isset($_FILES['file'])) {
            $fileName = $_FILES['file']['name'];
            $fileTmpName = $_FILES['file']['tmp_name'];
            $fileSize = $_FILES['file']['size'];
            $fileError = $_FILES['file']['error'];
            $fileType = $_FILES['file']['type'];

            $fileExt = explode('.', $fileName);
            $fileActualExt = strtolower(end($fileExt));

            $allowed = array('jpg', 'jpeg', 'png', 'svg');

            if (in_array($fileActualExt, $allowed)) {
                if ($fileError === 0) {
                    if ($fileSize < 5000000) {
                        $movePath = "../assets/images/profile/" . $fileName;
                        $nameImage = $fileExt[0];

                        $res = updateInsertProfileProductImage("profile", $userID,
$nameImage, "assets/images/profile/" . $fileName, $fileTmpName);

                        if ($res) {
                            move_uploaded_file($fileTmpName, $movePath);
                        }
                    }
                }
            }
        }
    }
}
```

```

        echo json_encode(["msg" => "Successfully updated
profile!"]);

        http_response_code(200);
    } else {
        echo json_encode(['error' => 'An image with this name
already exists. Please choose a different image.']);
        http_response_code(422);
    }
} else {
    echo json_encode(['error' => "Your file is too big!"]);
    http_response_code(422);
}
} else {
    echo json_encode(['error' => "There was an error uploading your
file!"]);
    http_response_code(422);
}
} else {
    echo json_encode(['error' => "You cannot upload files of this
type!"]);
    http_response_code(422);
}

}

if ($firstName == "") {
    $errors++;
} else if (!preg_match($regName, $firstName)) {
    $errors++;
}

if ($lastName == "") {
    $errors++;
} else if (!preg_match($regName, $lastName)) {
    $errors++;
}

if ($regPhone == "") {
    $errors++;
} else if (!preg_match($regPhone, $phone)) {
    $errors++;
}

```

```

if ($city == "0") {
    $errors++;
}

if ($address == "") {
    $errors++;
} else if (strlen($address) <= 3) {
    $errors++;
}

if ($errors == 0) {
    $result = updateUser($userID, $firstName, $lastName, $phone, $cityID,
    $address);

    if ($result) {
        $_SESSION['user']->fn_user = $firstName;
        $_SESSION['user']->ln_user = $lastName;
        $_SESSION['user']->phone_user = $phone;
        $_SESSION['user']->id_city = $cityID;
        $_SESSION['user']->address_user = $address;

        echo json_encode(["msg" => "Successfully updated profile"]);
        http_response_code(201);
    } else {
        echo json_encode(["error" => "Can't update profile"]);
        http_response_code(422);
    }
}
}

} catch (PDOException $ex) {
    echo json_encode(["error" => "Error: " . $ex->getMessage()]);
    http_response_code(500);
}

} else {
    header("location: ../404.php");
}

```

## Stranice

### adminPanel.php

```
<?php
include "template/head.php";
include "template/nav.php";

if (isset($_SESSION['user'])) && $_SESSION['user']->name_role == "admin") {
    $welcomeBack = "Welcome back, " . $_SESSION['user']->fn_user;

    $prodArr = filterProductsAndSort();
    $catArr = getCategoryWithImages();
    $colorArr = getAnyTable("color");
    $numberOfPages = getPageCount();

?>

<div class="container untree_co-section product-section before-footer-section"
id="adminPanel-div">
    <div id="howdy" class="mb-5 d-flex justify-content-center
align-items-center">
        <h1 class="mb-0 text-center"><?php echo $welcomeBack; ?>.</h1>
        <button id="goToInsertProduct" class="btn mx-3">Add new product<i
id="forwardArrow" class="fa-solid fa-chevron-right ms-2"></i></button>
        <button id="goToMessages" class="btn">Messages<i id="forwardArrow"
class="fa-solid fa-chevron-right ms-2"></i></button>
    </div>

    <div id="filter" class="d-flex justify-content-center align-items-center
mb-5">
        <input type="text" placeholder="Search products" name="inputSearch"
id="inputSearch" class="px-4 py-3 form-control rounded-pill" data-user="1" />

        <div class="dropdown ms-3">
            <button class="btn dropdown-toggle" type="button"
data-bs-toggle="dropdown" aria-expanded="false">
                Filter
            </button>
            <ul class="dropdown-menu">
                <li>
                    <h6 class="dropdown-header">Filter by color:</h6>
                </li>
                <li>
                    <select name="inputColor" id="inputColor"
class="form-control dropdown-item" data-user="1">
```

```

        <option value="0">None</option>
        <?php foreach ($colorArr as $color) : ?>
            <option value="<?= $color->id_color ?>"><?=
$color->name_color ?></option>
            <?php endforeach; ?>
        </select>
    </li>
    <li>
        <hr class="dropdown-divider">
    </li>
    <li>
        <h6 class="dropdown-header">Sort by:</h6>
    </li>
    <li>
        <select name="inputSort" id="inputSort" class="form-control
dropdown-item" data-user="1">
            <option value="0">Default</option>
            <option value="1">Price Up</option>
            <option value="2">Price Down</option>
            <option value="3">Name A-Z</option>
            <option value="4">Name Z-A</option>
        </select>
    </li>
</ul>
</div>
</div>



<ul class="d-flex justify-content-between">
    <?php foreach ($catArr as $cat) : ?>
        <li id="<?= $cat->name_cat ?>" class="selectCat" data-catid="<?=
$cat->id_cat ?>" data-user="1">
            <h5 class="categoryProduct-title text-center mb-3"><?=
$cat->name_cat ?></h5>
            <div class="categoryProduct-container border-10 d-flex
justify-content-center align-items-center">
                name_image ?>" />
            </div>
        </li>
    <?php endforeach; ?>
</ul>
</div>


```

```

<!-- Categories mobile view -->
<div id="categories-mobile" class="dropdown d-none">
    <button class="btn dropdown-toggle w-100" type="button"
data-bs-toggle="dropdown" aria-expanded="false">
        Browse By Category
    </button>
    <ul class="dropdown-menu w-100 p-0 ">
        <?php foreach ($catArr as $cat) : ?>
            <li id="<?= $cat->name_cat ?>" class="selectCat py-3"
data-catid="<?= $cat->id_cat ?>" data-user="1">
                <h5 class="categoryProduct-title text-center"><?= $cat->name_cat ?></h5>
            </li>
            <hr class="dropdown-divider">
        <?php endforeach; ?>
    </ul>
</div>

<!-- If on resolution less than 776, disable admin panel -->

<div id="products-shop" class="row pt-5">
    <?php foreach ($prodArr['products'] as $pod) : ?>
        <div class="col-12 col-md-4 col-lg-3 mb-5">
            <a class="product-item" href="adminProduct.php?id=<?=$pod->id_product ?>">
                name_image ?>" class="img-fluid product-thumbnail" />
                <h3 class="product-title"><?= $pod->name_product ?></h3>
                <strong class="product-price">&dollar; <?= $pod->price_product ?></strong>
                <span class="icon-cross d-flex justify-content-center align-items-center">
                    <i class="text-white fa-solid fa-pen-to-square"></i>
                </span>
            </a>
        </div>
    <?php endforeach; ?>
</div>

<nav id="pagination-shop">
    <ul class="pagination justify-content-center">
        <?php for ($i = 0; $i < $numberOfPages; $i++) : ?>
            <li class="page-item">

```

```

                <a class="page-link pagination-page-link" href="#"
data-user="1" data-limit="<?= $i ?>"><?= $i + 1 ?></a>
            </li>
        <?php endfor; ?>
    </ul>
</nav>
</div>

<?php
} else {
    header("Location: 404.php");
}
?>

<?php
include "template/footer.php";
?>
```

## adminInsertProduct.php

```

<?php
include "template/head.php";
include "template/nav.php";

if (isset($_SESSION['user']) && $_SESSION['user']->name_role == "admin") {
    $catArr = getAnyTable("category");
    $colorArr = getAnyTable("color");
    $imageArr = getAnyTable("image");
}

<div class="product-section">
    <div id="adminInsertProduct-div" class="container">
        <button id="backToProducts" class="btn mb-5"><i id="backArrow" class="fa-solid fa-chevron-left me-2"></i>Back to panel</button>

        <form id="insertProductForm" class="w-100 border-10 p-3">
            <!-- PRODUCT IMAGE -->
            <div class="form-group col-12 mb-3">
                <div id="image-product" class="w-100 d-flex justify-content-center border-10 bg-white">
                    
                </div>
                <input type="file" name="imageProductUpdateBtn" id="imageProductUpdateBtn" class="my-3 form-control w-100" />
```

```

        <span id="errorImageProduct" class="mb-0 text-danger"></span>
    </div>
    <!-- PRODUCT NAME -->
    <div class="form-group col-12 mb-3">
        <label class="text-black" for="inputNameProduct">Product
Name</label>
        <input type="text" class="form-control" id="inputNameProduct"
name="inputNameProduct" placeholder="New product name">
        <span id="errorNameProduct" class="mb-0 text-danger"></span>
    </div>
    <!-- PRODUCT DESCRIPTION -->
    <div class="form-group col-12 mb-3">
        <label class="text-black"
for="inputDescriptionProduct">Description</label>
        <textarea class="form-control" id="inputDescriptionProduct"
cols="30" rows="5" placeholder="New product desc"></textarea>
        <span id="errorDescriptionProduct" class="mb-0
text-danger"></span>
    </div>
    <!-- PRODUCT PRICE -->
    <div class="form-group col-12 mb-3">
        <label class="text-black" for="inputPriceProduct">Price</label>
        <input type="number" class="form-control" id="inputPriceProduct"
name="inputPriceProduct" value="0">
        <span id="errorPriceProduct" class="mb-0 text-danger"></span>
    </div>
    <!-- PRODUCT AVAILABILITY -->
    <div class="form-group col-12 mb-3">
        <label class="text-black"
for="inputAvailabilityProduct">Availability</label>
        <input type="number" class="form-control"
id="inputAvailabilityProduct" name="inputAvailabilityProduct" value="0">
        <span id="errorAvailabilityProduct" class="mb-0
text-danger"></span>
    </div>
    <!-- PRODUCT CATEGORY -->
    <div class="form-group col-12 mb-3">
        <label class="text-black"
for="selectCategoryProduct">Category</label>
        <select name="selectCategoryProduct" id="selectCategoryProduct"
class="form-control">
            <option value="0">Choose</option>
            <?php foreach ($catArr as $cat) : ?>
                <option value="<?= $cat->id_cat ?><?= $cat->name_cat
?></option>

```

```

        <?php endforeach; ?>
    </select>
    <span id="errorCategoryProduct" class="mb-0 text-danger"></span>
</div>
<!-- PRODUCT COLOR -->
<div class="form-group col-12 mb-3">
    <label class="text-black" for="selectColorProduct">Color</label>
    <select name="selectColorProduct" id="selectColorProduct"
class="form-control">
        <option value="0">Choose</option>
        <?php foreach ($colorArr as $color) : ?>
            <option value="<?= $color->id_color ?>"><?=
$color->name_color ?></option>
        <?php endforeach; ?>
    </select>
    <span id="errorColorProduct" class="mb-0 text-danger"></span>
</div>
<!-- INSERT PRODUCT BUTTON -->
<input type="btn" id="insertNewProduct" name="insertNewProduct"
class="btn mt-3" value="Add new product" />
</form>

        <p id="response-text" class="w-100 mt-3 text-center fs-5 border-10"></p>
    </div>
</div>

<?php
} else {
    header("Location: 404.php");
}
?>

<?php
include "template/footer.php";
?>
```

## adminMessages.php

```

<?php
include "template/head.php";
include "template/nav.php";

if (isset($_SESSION['user'])) && $_SESSION['user']->name_role == "admin") {
    $msgArr = getAnyTable("message");
}
```

```

?>

    <div class="container untree_co-section product-section before-footer-section"
id="adminPanel-div">
        <div class="d-flex align-items-center mb-5">
            <button id="backToProducts" class="me-3 btn"><i id="backArrow"
class="fa-solid fa-chevron-left me-2"></i>Back to panel</button>
            <h2 class="mb-0">Messages from contact page</h2>
        </div>
        <table class="table table-striped">
            <thead>
                <tr>
                    <th scope="col">No.</th>
                    <th scope="col">Name</th>
                    <th scope="col">Email</th>
                    <th scope="col">Message</th>
                </tr>
            </thead>
            <tbody>
                <?php $no = 1;
                foreach ($msgArr as $msg) : ?>
                <tr>
                    <td scope="row"><?php echo $no; ?></td>
                    <td scope="row"><?php echo $msg->fn_msg . " " .
$msg->ln_msg; ?></td>
                    <td scope="row"><?php echo $msg->email_msg; ?></td>
                    <td scope="row"><?php echo $msg->msg; ?></td>
                </tr>
                <?php $no++;
                endforeach; ?>
            </tbody>
        </table>
    </div>

<?php
} else {
    header("Location: 404.php");
}
?>

<?php
include "template/footer.php";
?>

```

## adminProduct.php

```
<?php
include "template/head.php";
include "template/nav.php";

if (isset($_SESSION['user'])) && $_SESSION['user']->name_role == "admin") {
    $id = $_GET['id'];
    $sentProduct = getProduct($id);

    $catArr = getAnyTable("category");
    $colorArr = getAnyTable("color");
}

<div class="product-section">
    <div id="adminProduct-div" class="container d-flex flex-column justify-content-center align-items-center">
        <div class="d-flex w-100">
            <button id="backToProducts" class="me-auto btn mb-5"><i id="backArrow" class="fa-solid fa-chevron-left me-2"></i>Back to panel</button>
            <button id="previewChangesBtn" class="ms-auto btn mb-5" data-product-id="<?= $id ?>">Preview changes<i id="backArrow" class="fa-solid fa-chevron-right ms-2"></i></button>
        </div>

        <h3 class="mb-3 alert alert-success w-100">Last updated: <?php echo $sentProduct[0]->modified_at_p; ?></h3>

        <form id="updateProductForm" class="w-100 border-10 p-3">
            <!-- PRODUCT IMAGE -->
            <div class="form-group col-12 mb-3">
                <div id="image-product" class="w-100 d-flex justify-content-center border-10 bg-white">
                    name_image ?>" />
                </div>
                <input type="file" name="imageProductUpdateBtn" id="imageProductUpdateBtn" class="my-3 form-control w-100" />
                <span id="errorImageProduct" class="mb-0 text-danger"></span>
            </div>
            <!-- PRODUCT NAME -->
            <div class="form-group col-12 mb-3">
                <label class="text-black" for="inputNameProduct">Product Name</label>
            </div>
        </form>
    </div>
</div>
```

```

        <input type="text" class="form-control" id="inputNameProduct"
name="inputNameProduct" placeholder="New product name" value="<?=
$sentProduct[0]->name_product ?>">
        <input type="hidden" id="inputCurrentNameProduct"
name="inputCurrentNameProduct" value="<?= $sentProduct[0]->name_product ?>" />
        <span id="errorNameProduct" class="mb-0 text-danger"></span>
    </div>
    <!-- PRODUCT DESCRIPTION -->
    <div class="form-group col-12 mb-3">
        <label class="text-black"
for="inputDescriptionProduct">Description</label>
        <textarea class="form-control" id="inputDescriptionProduct"
cols="30" rows="5" placeholder="New product desc"><?= $sentProduct[0]->desc_product
?></textarea>
        <span id="errorDescriptionProduct" class="mb-0
text-danger"></span>
    </div>
    <!-- PRODUCT PRICE -->
    <div class="form-group col-12 mb-3">
        <label class="text-black" for="inputPriceProduct">Price</label>
        <input type="number" class="form-control" id="inputPriceProduct"
name="inputPriceProduct" value="<?= $sentProduct[0]->price_product ?>">
        <span id="errorPriceProduct" class="mb-0 text-danger"></span>
    </div>
    <!-- PRODUCT AVAILABILITY -->
    <div class="form-group col-12 mb-3">
        <label class="text-black"
for="inputAvailabilityProduct">Availability</label>
        <input type="number" class="form-control"
id="inputAvailabilityProduct" name="inputAvailabilityProduct" value="<?=
$sentProduct[0]->availability_product ?>">
        <span id="errorAvailabilityProduct" class="mb-0
text-danger"></span>
    </div>
    <!-- PRODUCT CATEGORY -->
    <div class="form-group col-12 mb-3">
        <label class="text-black"
for="selectCategoryProduct">Category</label>
        <select name="selectCategoryProduct" id="selectCategoryProduct"
class="form-control">
            <option value="0">Choose</option>
            <?php foreach ($catArr as $cat) : ?>
                <?php $selected = ($cat->id_cat ==
$sentProduct[0]->id_cat) ? 'selected' : '' ; ?>

```

```

                <option value="<?= $cat->id_cat ?>" <?= $selected ?>><?=
$cat->name_cat ?></option>
                <?php endforeach; ?>
            </select>
            <span id="errorCategoryProduct" class="mb-0 text-danger"></span>
        </div>
        <!-- PRODUCT COLOR -->
        <div class="form-group col-12 mb-3">
            <label class="text-black" for="selectColorProduct">Color</label>
            <select name="selectColorProduct" id="selectColorProduct"
class="form-control">
                <option value="0">Choose</option>
                <?php foreach ($colorArr as $color) : ?>
                    <?php $selected = ($color->id_color ==
$sentProduct[0]->id_color) ? 'selected' : ''; ?>
                    <option value="<?= $color->id_color ?>" <?= $selected
?>><?= $color->name_color ?></option>
                <?php endforeach; ?>
            </select>
            <span id="errorColorProduct" class="mb-0 text-danger"></span>
        </div>
        <!-- UPDATE/DELETE BUTTON -->
        <div class="form-group col-12 d-flex flex-md-row flex-column
justify-content-between">
            <input type="btn" id="updateProduct" data-id="<?php echo
$sentProduct[0]->id_product; ?>" name="updateProduct" class="btn mt-3"
value="Update" />
            <input type="btn" id="deleteProduct" data-id="<?php echo
$sentProduct[0]->id_product; ?>" name="deleteProduct" class="btn mt-3 redButton"
value="Delete" />
        </div>
    </form>

    <p id="response-text" class="w-100 mt-3 text-center fs-5 border-10"></p>
</div>
</div>

<?php
} else {
    header("Location: 404.php");
}
?>

<?php
```

```
include "template/footer.php";
?>
```

## product.php

```
<?php
include "template/head.php";
include "template/nav.php";

$id = $_GET['id'];
$sentProduct = getProduct($id);
$catID = $sentProduct[0]->id_cat;
$prodArr = getProductFromSameCategoryTop3($catID);
?>

<div class="product-section pb-0">
    <div class="container">

        <!-- Previous page -->
        <button id="backToProducts" class="btn mb-5"><i id="backArrow" class="fa-solid fa-chevron-left me-2"></i>Back</button>

        <!-- Product Info -->
        <div class="row">
            <div class="col-lg-6 col-sm-12">
                name_image ?>" />
            </div>
            <div class="col-lg-6 col-sm-12 d-flex flex-column">
                <div id="product-details" class="p-3 border-10" data-prodid="<?= $sentProduct[0]->id_product ?>">
                    <h3><?= $sentProduct[0]->name_product ?></h3>
                    <p class="fw-bold">Category: <?= $sentProduct[0]->name_cat ?></p>
                    <p><?= $sentProduct[0]->desc_product ?></p>
                    <p class="fw-bold">Price: &dollar; <?= $sentProduct[0]->price_product ?></p>
                    <p class="fw-bold">Color: <?= $sentProduct[0]->name_color ?></p>
                    <p class="fw-bold">In Stock: <?= $sentProduct[0]->availability_product ?></p>
                </div>
                <?php if ($sentProduct[0]->availability_product > 0 && !empty($user)) : ?>
                    <button id="buyProduct" class="btn mt-5">Buy</button>
                <?php elseif (!empty($user)) : ?>
            </div>
        </div>
    </div>
</div>
```

```

        <p class="alert alert-warning mt-3 text-uppercase">You need to
<a href="login.php">login</a> in order to purchase.</p>
        <button id="buyProduct" class="btn" disabled>Buy</button>
        <?php else : ?>
        <p class="alert my-alert-danger mt-3 text-uppercase">not
available at the moment!</p>
        <button id="buyProduct" class="btn mt-5" disabled>Buy</button>
        <?php endif; ?>
    </div>
</div>


<div class="toast-container position-fixed bottom-0 end-0 mb-3 start-50
translate-middle-x">
    <div id="productExistsToast" class="toast border-10" role="alert"
aria-live="assertive" aria-atomic="true">
        <div class="toast-body text-center p-0">Product already in a
cart!</div>
    </div>
</div>

</div>
</div>


<div class="product-section">
    <div class="container">
        <div class="row">

            
            <div class="col-md-12 col-lg-3 mb-5 mb-lg-0">
                <h2 class="mb-4 section-title">Crafted with excellent material.</h2>
                <p class="mb-4">Discover our most popular products and transform
your space with the latest trends and timeless classics for a stylish home.</p>
                <p><a href="shop.php" class="btn">Explore</a></p>
            </div>
            

            <?php foreach ($prodArr as $prod) : ?>
            <div class="col-12 col-md-4 col-lg-3 mb-5 mb-md-0">
                <a class="product-item" href="product.php?id=<?=
$prod->id_product ?>">
                    name_image ?>" class="img-fluid product-thumbnail" />
                    <h3 class="product-title"><?= $prod->name_product ?></h3>
                </a>
            </div>
        </div>
    </div>
</div>

```

```
        <strong class="product-price">&dollar;=?=
$prod->price_product ?></strong>

        <span class="icon-cross">
            
        </span>
    </a>
</div>
<?php endforeach; ?>

    </div>
</div>
</div>
<!-- End PrProduct From Same Categoryoduct Section -->

<?php
include "template/footer.php";
?>
```

## CSS

- Za ceo CSS kod najbolje pogledati style.css

```
/* !!! ALEKSA'S CSS START !!! */

/* SAME VALUES CLASSESS FIRST START */

.border-10,
#team-section img {
    border-radius: 10px !important;
}

#product-details,
#product-image,
#shopping-cart-totals-info {
    background-color: #dce5e4;
}

#register-div,
#login-div,
#adminPanel-div,
#profilePanel-div {
    padding: 3rem 0.5rem !important;
}

#homeButton,
#backArrow,
#forwardArrow,
#backToProducts,
#gotoInsertProduct,
#gotoMessages,
.categoryPorduct-container,
#past-order-div-details {
    transition: 0.3s ease-in-out;
}

#homeButton,
#backToProducts,
#gotoInsertProduct,
#gotoMessages,
#previewChangesBtn {
    width: auto;
    border-radius: 10px;
    background-color: #fff;
    color: #2f2f2f;
    border: none;
}
```

```
padding: 10px 30px;
}

#homeButton:hover>#backArrow,
#backToProducts:hover>#backArrow {
  transform: translateX(-5px);
}

#goToInsertProduct:hover>#forwardArrow,
#goToMessages:hover>#forwardArrow {
  transform: translateX(5px);
}

#register-div,
#adminInsertProduct-div {
  width: 550px;
}

/* SAME VALUES CLASSESS FIRST END */

.hr-dark {
  height: 3px !important;
  border-radius: 3px !important;
  margin: auto;
  width: 20%;
  background-color: #3b5d50;
}

#filterMenu {
  background-color: #3b5d50;
}

#buyProduct,
#inputFilterBtn {
  width: 120px;
}

.form-control {
  height: auto;
}

input[type=text].form-control {
  padding: 5px 15px;
}
```

```
#pagination-shop .page-link {  
    color: #2f2f2f;  
}  
  
#pagination-shop .page-item.active .page-link {  
    background-color: #2f2f2f;  
    border-color: #fff;  
    color: #fff;  
}  
  
#sortBy label {  
    width: 100px;  
}  
  
.my-alert-danger {  
    color: #842029;  
    background-color: #f8d7da;  
  
    margin-bottom: 1rem;  
    border-radius: 10px;  
}  
  
#login-div {  
    width: 500px;  
}  
  
.redButton {  
    border-color: #af1919 !important;  
    background-color: #af1919 !important;  
}  
  
.redButton:hover {  
    background-color: #9a1616 !important;  
    border-color: #9a1616 !important;  
}  
  
#decreaseButton,  
#increaseButton {  
    width: 20px;  
    height: 20px;  
    outline: none;  
    border: none;  
    font-weight: bold;  
    background-color: #2f2f2f;
```

```
color: white;
}

.border-bottom-dark {
    border-bottom-color: #2f2f2f !important;
}

.border-bottom-dark-hr {
    height: 2px !important;
    opacity: 1;
    background-color: #2f2f2f;
}

.categoryPorduct-container {
    background-color: #ffff;
    width: 120px;
    height: 120px;
    border: 2px solid white;
    cursor: pointer;
}

.categoryPorduct-container:hover,
.categoryPorduct-container-active {
    border-color: #2f2f2f;
}

.categoryPorduct-container img {
    width: 100px;
    height: 100px;
}

#categories ul {
    list-style-type: none;
}

#shopping-cart-totals-info {
    width: 300px;
}

#inputSearch {
    width: 600px;
    border-width: 0px;
    background-color: #e8eae9;
}
```

```
#inputSearch:active,  
#inputSearch:focus,  
.dropdown-menu select:active,  
.dropdown-menu select:focus {  
  box-shadow: none;  
}  
  
#filterBtn {  
  width: 50px;  
  height: 50px;  
}  
  
.dropdown-menu {  
  min-width: 12rem;  
  padding: .5rem 0;  
  border-radius: 10px;  
  transform: translate(0px, 60px) !important;  
}  
  
.dropdown-menu select {  
  border: 0px solid;  
  border-radius: 0px;  
  padding: .3rem 1rem;  
  cursor: pointer;  
}  
  
#categories ul {  
  padding-left: 0px;  
  margin-bottom: 0px;  
}  
  
#categories {  
  border: 2px solid #fff !important;  
  border-radius: 20px;  
  background-color: #fff;  
  color: #2f2f2f;  
}  
  
.white-spacer-hr {  
  background-color: #fff;  
  opacity: 1;  
  height: 5px !important;  
  border-radius: 5px;  
}
```

```
#product-shop-ad {  
  
background-color: #e8eae9;  
}  
  
#product-shop-ad-image img {  
width: 200px;  
}  
  
.toast-container {  
z-index: 99;  
}  
  
.toast {  
width: auto;  
padding: 10px 30px;  
font-size: 16px;  
font-weight: bold;  
background-color: #fff !important;  
color: #2f2f2f !important;  
}  
  
#empty-cart {  
width: 300px;  
height: 300px;  
background-image: url('../images/empty-cart.svg');  
}  
  
#billing-details p {  
margin-bottom: 0 !important;  
}  
  
.form-control:disabled {  
background-color: #fff !important;  
}  
  
#updateProfileForm,  
#updateProductForm,  
#insertProductForm {  
background-color: #dce5e4;  
}  
  
#profile-image img {  
border-radius: 50%;  
height: 150px;
```

```
width: 150px;
}

#image-product img,
#image-product {
    width: 270px;
}

#adminProduct-div {
    width: 600px;
}

#image-product {
    border: 3px solid #bebebe;
}

#past-order-div {
    background-color: #dce5e4;
}

#past-order-div-details hr {
    height: 3px;
    border-radius: 3px;
}

#past-order-div-details hr:last-child {
    display: none;
}

#past-order-div-details p {
    margin-bottom: 0px;
}

#past-order-div-details img,
.item-picture img {
    border: 2px solid rgba(0, 0, 0, 0.2);
    background-color: #ffff;
}

#past-order-total {
    background-color: #c5cfcd;
}

#past-order-total:last-child {
    margin-bottom: 0px !important;
```

```
}

#author-image img {
  width: 250px;
}

#author-about {
  background-color: #dce5e4;
}

#categories-mobile ul li:first-child {
  border-radius: 10px 10px 0px 0px;
}

#categories-mobile ul li:last-of-type {
  border-radius: 0px 0px 10px 10px;
}

#categories-mobile ul li h5 {
  margin: 0px !important;
}

#categories-mobile ul hr.dropdown-divider {
  margin: 0px !important;
}

#categories-mobile ul hr.dropdown-divider:last-child {
  display: none;
}

.categoryPorduct-mobile-active {
  background-color: #f0edeb;
}

.cart-item-container {
  background-color: #dce5e4;
}

.inputQuant {
  max-width: 50px;
}

#cartPanel-div {
  padding: 3rem 0rem;
}
```

```
#quantity-container {
  margin-right: 3rem !important;
}

/* !!! ALEKSA'S CSS END !!! */

/* !!! ALEKSA'S RESPONSIVE CSS START !!! */
@media (max-width: 375px) {
  .item-picture img {
    height: 70px !important;
  }

  .item-delete #removeButton {
    padding: 12px 18px;
  }

  .item-details h6 {
    font-size: 14px !important;
  }
}

@media (max-width: 425px) {
  #filter {
    flex-direction: column;
  }

  #filter #inputSearch,
  #filter {
    margin-bottom: 1.5rem !important;
  }

  #filter .dropdown {
    margin: 0px !important;
  }

  #filter #inputSearch,
  #filter .dropdown,
  #filter .dropdown button,
  #shopping-cart-totals-info {
    width: 100%;
  }

  #past-order-div-details div.d-flex {

```

```
    flex-direction: column;
}

#past-order-div-details div.d-flex img {
    width: 100% !important;
    height: 100% !important;
}

.past-order-item {
    margin-left: 0px !important;
}

#past-order-total {
    flex-direction: column;
}

#past-order-total h5:last-child {
    margin-top: 1rem !important;
}

}

@media (max-width: 510px) {
    #login-div {
        width: 100%;
        padding-left: 1rem !important;
        padding-right: 1rem !important;
    }
}

@media (max-width: 576px) {
    #register-div {
        width: 100%;
        padding-left: 1rem !important;
        padding-right: 1rem !important;
    }
}

#past-order-div-details div.d-flex img {
    width: 70px;
    height: 70px;
}

#adminInsertProduct-div, #adminProduct-div {
    width: 100%;
}
```

```
}
```

```
@media (max-width: 768px) {
```

```
    #author-image {
```

```
        display: flex;
```

```
        justify-content: center;
```

```
    }
```

```
    #author-image img {
```

```
        width: 250px !important;
```

```
        margin-bottom: 2rem;
```

```
    }
```

```
.untree_co-section {
```

```
    padding: 3rem 0;
```

```
}
```

```
}
```

```
@media (max-width: 993px) {
```

```
    #author-image img {
```

```
        width: 200px;
```

```
    }
```

```
#categories {
```

```
    display: none;
```

```
}
```

```
#categories-mobile {
```

```
    display: block !important;
```

```
}
```

```
#product-image {
```

```
    width: 100% !important;
```

```
    margin-bottom: 2rem;
```

```
}
```

```
.product-section,
```

```
.why-choose-section {
```

```
    padding: 3rem 0 !important;
```

```
}
```

```
#past-order-total h5 {
```

```
    font-size: 14px;
```

```
}
```

```

#updateProfileForm {
    margin-bottom: 2rem;
}

}

@media (max-width: 1200px) {
    #product-image {
        width: 450px;
    }
}

/* !!!! ALEKSA'S RESPONSIVE CSS END !!! */

```

## JS

- Za ceo JavaScript kod najbolje pogledati fajl as-main.js, a od templejta custom.js

## Filter logika

```

let offset = 8;
let selectedCategoryId = null;
let previousSelectedCategoryId = null;

$(document).on('click', '.selectCat', function () {
    let user = $(this).data('user');
    selectedCategoryId = $(this).data('catid');

    if ($(window).width() <= 996) {
        $('.selectCat').removeClass('categoryProduct-mobile-active');
        $(this).addClass('categoryProduct-mobile-active');
    }

    $('.selectCat .categoryProduct-container').removeClass('categoryProduct-container-active');
    $(this).find('.categoryProduct-container').addClass('categoryProduct-container-active');

    if (selectedCategoryId == previousSelectedCategoryId) {
        filterDetails(0, user, selectedCategoryId);
    }
});

```

```

        window.location.reload();
    } else {
        filterDetails(0, user, selectedCategoryId);
    }

    previousSelectedCategoryId = selectedCategoryId;
});

$(document).on('change', '#inputColor, #inputSort', function () {
    let user = $(this).data('user');
    filterDetails(0, user, selectedCategoryId);
});

$(document).on('keyup', '#inputSearch', function () {
    let user = $(this).data('user');
    filterDetails(0, user, selectedCategoryId);
});

$(document).on('click', '#pagination-shop .page-link', function () {
    let user = $(this).data('user');
    let page = $(this).data('limit');
    filterDetails(page, user, selectedCategoryId);
});

// Function to insert details for filtering
function filterDetails(page = 0, user, cat) {
    let catID = cat;
    let colorID = $('#inputColor').val();
    let search = $('#inputSearch').val();
    let sortBy = $('#inputSort').val();
    let sendPage = page;

    if (sendPage || sendPage == 0) {
        $.ajax({
            url: "models/filter.php",

```

```

method: "post",
data: { "catID": catID, "colorID": colorID, "search": search, "sortBy": sortBy, "sendPage": sendPage
},
dataType: "json",
success: function (response) {
let totalRecordsCount = response.totalRecordsCount;
let pageCount = Math.ceil(totalRecordsCount / offset);
let products = response.products;

filterProducts(products, pageCount, user);
},
error: function (xhr) {
if (xhr.status == 422) {
console.log(xhr.msg);
}
else if (xhr.status == 500) {
console.log(xhr.msg);
}
}
});
}
else {
$.ajax({
url: "models/filter.php",
method: "post",
data: { "catID": catID, "colorID": colorID, "search": search, "sortBy": sortBy, "sendPage": sendPage
},
dataType: "json",
success: function (response) {
let totalRecordsCount = response.totalRecordsCount;
let pageCount = Math.ceil(totalRecordsCount / offset);
let products = response.products;

filterProducts(products, pageCount, user);
},
}

```

```

        error: function (xhr) {
            if (xhr.status == 422) {
                console.log(xhr.msg);
            }
            else if (xhr.status == 500) {
                console.log(xhr.msg);
            }
        });
    }
}

// Function for displaying filtered products
function filterProducts(productArr, pageCount = 0, user) {
    let html = ``;
    let updatePages = `<ul class="pagination justify-content-center">`;

    let userType = user == 1 ? "admin" : "user";
    if (productArr == undefined) {
        html += `<h2 class='alert'>There are no results.</h2>`;
        updatePages += `<li class="page-item"> <a class="page-link pagination-page-link" href="#" data-limit="0">1</a> </li>`;
    }
    else {
        // Product Array from query
        if (userType == "user") {
            for (let product of productArr) {
                html += `
<div class="col-12 col-md-4 col-lg-3 mb-5" >
<a class="product-item" href="product.php?id=${product.id_product}">

<h3 class="product-title">${product.name_product}</h3>
<strong class="product-price">&dollar;${product.price_product}</strong>
`;
            }
        }
    }
}

```

```

<span class="icon-cross">
    
</span>
</a>
</div> `;
}

// Update number of pages from query
for (let i = 0; i < pageCount; i++) {
    updatePages += `
    <li class="page-item" >
        <a class="page-link pagination-page-link" href="#" data-user="2" data-limit="${i}">${i + 1}</a>
    </li > `;
}
}
else {
    for (let product of productArr) {
        html += `
        <div class="col-12 col-md-4 col-lg-3 mb-5" >
            <a class="product-item" href="adminProduct.php?id=${product.id_product}">
                
                <h3 class="product-title">${product.name_product}</h3>
                <strong class="product-price">&dollar;${product.price_product}</strong>

            <span class="icon-cross d-flex justify-content-center align-items-center">
                <i class="text-white fa-solid fa-pen-to-square"></i>
            </span>
        </a>
    </div > `;
}
// Update number of pages from query
for (let i = 0; i < pageCount; i++) {
    updatePages += `
    <li class="page-item" >
        <a class="page-link pagination-page-link" href="#" data-user="1" data-limit="${i}">${i + 1}</a>

```

```

        </li> `;
    }
}

}

updatePages += `</ul>`;
$('#products-shop').html(html);
$('#pagination-shop').html(updatePages);
}

```

## Registracija i login logika

```

// Registration Form

$(document).on('click', '#registerButton', function () {
    let firstName = $('#inputFName').val();
    let lastName = $('#inputLName').val();
    let city = $('#selectCity').val();
    let address = $('#inputAddress').val();
    let phone = $('#inputPhone').val();
    let email = $('#inputEmail').val();
    let username = $('#inputUsername').val();
    let password = $('#inputPassword').val();
    let rPassword = $('#inputRPassword').val();

    let errors = 0;
    let regName = /^[A-ZŠĐĆĆŽ]{1}[A-žđććž]{2,20}$/;
    let regUsername = /^[A-žđććžšđććž]{1}[\wŠĐĆĆŽšđććž\-\.]{6,20}[A-žđććžšđććž0-9]{1}$/;
    let regEmail = /^[a-zđććž]{1}[a-žđććž0-9\.]+[a-žđććž0-9]@[a-žđććž\.\.]+[a-z]{2,}$/;
    let regPassword =
    /^(?=.*[A-Z])(?=.*[a-z])(?=.*[0-9])(?=.*[!@#$%^&*()_+{}:\\"\\<>?[];\\\'\\.\.\.\`\\\$\\±\\~]).{8,}$/;
    let regPhone = /^+1-[0-9]{3}-[0-9]{3}-[0-9]{4}$/;

    if (firstName == "") {
        errors++;
        $('#errorFName').removeClass("d-none");
        $('#inputFName').addClass("border border-2 border-danger");
        $('#errorFName').html("First is required!");
    }
    else if (!regName.test(firstName)) {

```

```

errors++;
$('#errorFName').removeClass("d-none");
$('#inputFName').addClass("border border-2 border-danger");
$('#errorFName').html("Uppercase and 3 characters min!");
}

else {
    $('#inputFName').removeClass("border-danger");
    $('#errorFName').addClass("d-none");
    $('#inputFName').addClass("border-2 border-success");
}
}

if (lastName == "") {
    errors++;
    $('#errorLName').removeClass("d-none");
    $('#inputLName').addClass("border border-2 border-danger");
    $('#errorLName').html("Last is required!");
}
else if (!regName.test(lastName)) {
    errors++;
    $('#errorLName').removeClass("d-none");
    $('#inputLName').addClass("border border-2 border-danger");
    $('#errorLName').html("Uppercase and 3 characters min!");
}
else {
    $('#inputLName').removeClass("border-danger");
    $('#errorLName').addClass("d-none");
    $('#inputLName').addClass("border-2 border-success");
}

if (username == "") {
    errors++;
    $('#errorUsername').removeClass("d-none");
    $('#inputUsername').addClass("border border-2 border-danger");
    $('#errorUsername').html("Username is required!");
}
else if (!regUsername.test(username)) {
    errors++;
    $('#errorUsername').removeClass("d-none");
    $('#inputUsername').addClass("border border-2 border-danger");
}

```

```

        $('#errorUsername').html("<ul> <li>Upper/lowercase letters, numbers, 8 characters min</li> <li>Can include:  

        . - _</li> <li>Must end with letter or number</li> </ul>");
    }
    else {
        $('#inputUsername').removeClass("border-danger");
        $('#errorUsername').addClass("d-none");
        $('#inputUsername').addClass("border-2 border-success");
    }

if (email == "") {
    errors++;
    $('#errorEmail').removeClass("d-none");
    $('#inputEmail').addClass("border border-2 border-danger");
    $('#errorEmail').html("Email is required!");
}
else if (!regEmail.test(email)) {
    errors++;
    $('#errorEmail').removeClass("d-none");
    $('#inputEmail').addClass("border border-2 border-danger");
    $('#errorEmail').html("Invalid email format!");
}
else {
    $('#inputEmail').removeClass("border-danger");
    $('#errorEmail').addClass("d-none");
    $('#inputEmail').addClass("border-2 border-success");
}

if (city == "0") {
    errors++;
    $('#errorCity').removeClass("d-none");
    $('#selectCity').addClass("border border-2 border-danger");
    $('#errorCity').html("City is required!");
}
else {
    $('#selectCity').removeClass("border-danger");
    $('#errorCity').addClass("d-none");
    $('#selectCity').addClass("border-2 border-success");
}

```

```

if (address == "") {
    errors++;
    $('#errorAddress').removeClass("d-none");
    $('#inputAddress').addClass("border border-2 border-danger");
    $('#errorAddress').html("Address is required!");
}

else if (address.length <= 3) {
    errors++;
    $('#errorAddress').removeClass("d-none");
    $('#inputAddress').addClass("border border-2 border-danger");
    $('#errorAddress').html("Address is too short!");
}

else {
    $('#inputAddress').removeClass("border-danger");
    $('#errorAddress').addClass("d-none");
    $('#inputAddress').addClass("border-2 border-success");
}
}

if (password == "") {
    errors++;
    $('#errorPassword').removeClass("d-none");
    $('#inputPassword').addClass("border border-2 border-danger");
    $('#errorPassword').html("Password is required!");
}

else if (!regPassword.test(password)) {
    errors++;
    $('#errorPassword').removeClass("d-none");
    $('#inputPassword').addClass("border border-2 border-danger");
    $('#errorPassword').html("Must have length of 8 characters and include at least one:<ul> <li>Uppercase and lowercase letter.</li> <li>Number.</li> <li>Special character.</li> </ul>");
}

else {
    $('#inputPassword').removeClass("border-danger");
    $('#errorPassword').addClass("d-none");
    $('#inputPassword').addClass("border-2 border-success");
}
}

if (rPassword == "") {
    errors++;
    $('#errorRPassword').removeClass("d-none");
}

```

```

        $('#inputRPassword').addClass("border border-2 border-danger");
        $('#errorRPassword').html("You must enter password again!");
    }

    else if (rPassword != password) {
        errors++;
        $('#errorRPassword').removeClass("d-none");
        $('#inputRPassword').addClass("border border-2 border-danger");
        $('#errorRPassword').html("Passwords are not matching");
    }

    else {
        $('#inputRPassword').removeClass("border-danger");
        $('#errorRPassword').addClass("d-none");
        $('#inputRPassword').addClass("border-2 border-success");
    }

    if (phone == "") {
        errors++;
        $('#errorPhone').removeClass("d-none");
        $('#inputPhone').addClass("border border-2 border-danger");
        $('#errorPhone').html("Phone is required!");
    }

    else if (!regPhone.test(phone)) {
        errors++;
        $('#errorPhone').removeClass("d-none");
        $('#inputPhone').addClass("border border-2 border-danger");
        $('#errorPhone').html("Example: +1-XXX-XXX-XXXX");
    }

    else {
        $('#inputPhone').removeClass("border-danger");
        $('#errorPhone').addClass("d-none");
        $('#inputPhone').addClass("border-2 border-success");
    }

}

if (errors == 0) {

    let dataForPHP = {
        "firstName": firstName,
        "lastName": lastName,
        "username": username,
        "email": email,
        "city": city,
}

```

```
"address": address,
"password": password,
"rPassword": rPassword,
"phone": phone
}

$.ajax({
    url: "models/registerUser.php",
    method: "post",
    data: dataForPHP,
    dataType: "json",
    success: function (response) {
        $('#response-text').removeClass("alert alert-danger");
        $('#response-text').addClass("alert alert-success");
        $('#response-text').html(response.msg);
    },
    error: function (xhr) {
        if (xhr.status == 422 || xhr.status == 409) {
            var errorMsg = xhr.responseJSON ? xhr.responseJSON.msg : "Unknown error.";
            $('#response-text').removeClass("alert alert-success");
            $('#response-text').addClass("alert alert-danger");
            $('#response-text').html(errorMsg);
        }
        else if (xhr.status == 500) {
            var errorMsg = xhr.responseJSON ? xhr.responseJSON.msg : "Unknown error.";
            console.log(errorMsg);
        }
    }
});

// Login Form function
function LoginUser(e) {
    if (e.type === "click" || e.key === "Enter") {
        let email = $('#inputEmail').val();
        let password = $('#inputPassword').val();

        let errors = 0;
        let regEmail = /^[a-zA-Z0-9]+@[a-zA-Z0-9]+\.[a-zA-Z]{2,}$/;
```

```

let regPassword =
/^(?=.*[A-Z])(?=.*[a-z])(?=.*[0-9])(?=.*[\$\%\^\&\*\(\)]\+[\{\}\:\\"\\<\>\\?\\[\\]\:\\.\.\.\`\\\$\\\~]).{8,}$/;

if (email == "") {
    errors++;
    $('#errorEmail').removeClass("d-none");
    $('#errorEmail').html("Email is required!");
}

else if (!regEmail.test(email)) {
    errors++;
    $('#errorEmail').removeClass("d-none");
    $('#errorEmail').html("Invalid email format!");
}

else {
    $('#errorEmail').addClass("d-none");
}
}

if (password == "") {
    errors++;
    $('#errorPassword').removeClass("d-none");
    $('#errorPassword').html("Password is required!");
}

else if (!regPassword.test(password)) {
    errors++;
    $('#errorPassword').removeClass("d-none");
    $('#errorPassword').html("Must have length of 8 characters and include at least one:<ul> <li>Uppercase and lowercase letter.</li> <li>Number.</li> <li>Special character.</li> </ul>");
}

else {
    $('#errorPassword').addClass("d-none");
}

if (errors == 0) {
    let dataForPHP = {
        "email": email,
        "password": password
    }

    $.ajax({

```

```

url: "models/loginUser.php",
method: "post",
data: dataForPHP,
dataType: "json",
success: function (response) {
    // console.log(response);
    // console.log("Uspesno ulogovan korisnik!");
    $('#response-text').removeClass("alert alert-danger");
    $('#response-text').addClass("alert alert-success");
    $('#response-text').html("Success, redirecting.");

    // Delay of 1.5 seconds
    setTimeout(function () { window.location.href = "index.php"; }, 1500);
},
error: function (xhr) {
    if (xhr.status == 401) {
        var errorMsg = xhr.responseJSON ? xhr.responseJSON.msg : "Unknown error.";
        console.log(errorMsg);
        $('#response-text').removeClass("alert alert-success");
        $('#response-text').addClass("alert alert-danger");
        $('#response-text').html(errorMsg);
    }
    else if (xhr.status == 500) {
        var errorMsg = xhr.responseJSON ? xhr.responseJSON.msg : "Unknown error.";
        console.log(errorMsg);
    }
}
});

// Login by clicking
$(document).on('click', '#loginButton', function (event) {
    LoginUser(event);
});

// Login by pressing key "enter"
$(document).on('keydown', '#inputEmail, #inputPassword', function (event) {
    LoginUser(event);
});

```

## Logika profilne stranice od korisnika i korpa

```
function calculatePrice(price, quant, type, totalPrice) {
    let result
    switch (type) {
        case "inc":
            result = price * quant;
            return result;
        case "dec":
            result = totalPrice - price;
            return result;
        default:
            break;
    }
}

function calculateTotalPrice(isAddedMore) {
    let subtotal = 0;
    let subtotalArray = [];
    let shippingCost = 14.99;

    $('.totalValue').each(function () {
        subtotalArray.push(parseFloat($('.this').text().replace('$', '')));
    });
    if (isAddedMore) {
        subtotalArray.forEach(function (value) {
            subtotal += value;
        });
    } else {
        subtotalArray.forEach(function (value) {
            subtotal -= value;
        });
        subtotal = Math.abs(subtotal);
    }
}

let total = subtotal + shippingCost;

$('#subtotalValue').html('&dollar;' + subtotal.toFixed(2));
$('#totalValue').html('&dollar;' + total.toFixed(2));
}

function updateCartAjax(productID, currentQuantVal, totalValue) {
    $.ajax({
        url: "models/updateCartCheckout.php",
```

```

        method: "post",
        data: { "productID": productID, "quantity": currentQuantVal,
"totalPrice": totalValue },
        dataType: "json",
        success: function (response) {
            // console.log(response);
        },
        error: function (xhr) {
            var errorMsg = xhr.responseJSON ? xhr.responseJSON.msg : "Unknown
error.";
            if (xhr.status == 409) {
                console.log(errorMsg);
            }
            else if (xhr.status == 500) {
                console.log(errorMsg);
            }
        }
    );
}

calculateTotalPrice(true);

// Decrease quantity value button on cart page
$(document).on('click', '.decreaseButton', function () {
    let inputQuant = $(this).siblings('.inputQuant');
    let currentQuantVal = parseInt(inputQuant.val());

    if (currentQuantVal > 1) {
        currentQuantVal--;
        inputQuant.val(currentQuantVal);

        let totalPrice =
parseFloat($(this).closest('.cart-item-container').find('.totalValue').text().repla
ce('$', ''));

        let priceMobile = parseFloat($(this).data("price"));
        let totalValueMobile = calculatePrice(priceMobile, currentQuantVal,
"dec", totalPrice);

        $(this).closest('.cart-item-container').find('.totalValue').html('&dollar;' +
totalValueMobile.toFixed(2));

        calculateTotalPrice(false);

        let productID = $(this).data("product-id");
        updateCartAjax(productID, currentQuantVal, totalValueMobile);
    }
})

```

```

        }

    });

    // Increase quantity value button on cart page
    $(document).on('click', '.increaseButton', function () {
        let inputQuant = $(this).siblings('.inputQuant');
        let maxValue = parseInt(inputQuant.data('max'));
        let currentQuantVal = parseInt(inputQuant.val());

        if (currentQuantVal < maxValue) {
            currentQuantVal++;
            inputQuant.val(currentQuantVal);

            let priceMobile = parseFloat($(this).data("price"));
            let totalValueMobile = calculatePrice(priceMobile, currentQuantVal,
            "inc");

            $(this).closest('.cart-item-container').find('.totalValue').html('&dollar;' + totalValueMobile.toFixed(2));

            calculateTotalPrice(true);

            let productID = $(this).data("product-id");
            updateCartAjax(productID, currentQuantVal, totalValueMobile);
        }
    });

    // Add to cart button
    $(document).on('click', '#buyProduct', function () {
        let productID = $("#product-details").data("prodid");

        $.ajax({
            url: "models/addToCart.php",
            method: "post",
            data: { "productID": productID },
            dataType: "json",
            success: function (response) {
                window.location.href = "cart.php";
            },
            error: function (xhr) {
                var errorMsg = xhr.responseJSON ? xhr.responseJSON.msg : "Unknown error.";
                if (xhr.status == 409) {
                    let productToast = $('#productExistsToast');

```

```

        let toastBootstrap =
bootstrap.Toast.getOrCreateInstance(productToast);
            toastBootstrap.show();
        }
        else if (xhr.status == 500) {
            console.log(errorMsg);
        }
    }
}) ;
} ) ;

// Remove from cart button
$(document).on('click', '#removeButton', function () {
    let productID = $(this).data("prodid");
    // console.log("Product ID to be deleted: " + productID);

    $.ajax({
        url: "models/deleteFromCart.php",
        method: "post",
        data: { "productID": productID },
        dataType: "json",
        success: function (response) {
            window.location.reload();
        },
        error: function (xhr) {
            if (xhr.status == 422 || xhr.status == 409) {
                var errorMsg = xhr.responseJSON ? xhr.responseJSON.msg :
"Unknown error.";
                console.log(errorMsg);
            }
            else if (xhr.status == 500) {
                var errorMsg = xhr.responseJSON ? xhr.responseJSON.msg :
"Unknown error.";
                console.log(errorMsg);
            }
        }
    });
} ) ;

// Go to checkout page button
$(document).on('click', '#checkoutBtn', function () {
    window.location.href = "checkout.php";
} ) ;

// Place order button

```

```

$(document).on('click', '#placeOrderBtn', function () {
    let orderID = $(this).data("order-id");
    let totalPrice = $('#checkout-totalPrice').text();
    let totalPriceInt = totalPrice.substring(1);

    $.ajax({
        url: "models/placeOrder.php",
        method: "post",
        data: { "orderID": orderID, "totalPrice": totalPriceInt, },
        dataType: "json",
        success: function (response) {
            window.location.href = "thankyou.php";
        },
        error: function (xhr) {
            var errorMsg = xhr.responseJSON ? xhr.responseJSON.msg : "Unknown
error.";
            if (xhr.status == 409) {
                console.log(errorMsg);
            }
            else if (xhr.status == 500) {
                console.log(errorMsg);
            }
        }
    });
});

// Update profile button
$(document).on('click', '#updateProfileBtn', function () {
    let profileImageInput = $('#imageUpdateBtn')[0];
    let profileImageFile = profileImageInput.files[0];
    let firstName = $('#inputFName').val();
    let lastName = $('#inputLName').val();
    let phone = $('#inputPhone').val();
    let city = $('#selectCity').val();
    let address = $('#inputAddress').val();

    let formData = new FormData();

    let errors = 0;
    let regName = /^[A-ZŠĐČŽ]{1}[A-zŠĐČŽšđčž]{2,20}$/;
    let regPhone = /^[1]+\d{3}-\d{3}-\d{4}$/;
    let allowedTypes = ["jpeg", "jpg", "png", "svg"];

    // console.log(profileImageFile);
}

```

```

if (profileImageFile != undefined) {
    let profileImageFileName = profileImageFile.name;
    let profileImageFileExtArr = profileImageFileName.split('.');
    let profileImageFileExt =
profileImageFileExtArr[profileImageFileExtArr.length - 1].toLowerCase();

    if (profileImageFile.size > 5000000) {
        errors++;
        $('#errorProfilePicture').removeClass("d-none");
        $('#imageUpdateBtn').addClass("border border-2 border-danger");
        $('#errorProfilePicture').html("Upload size should be less than
5mb!");
    }
    else if (!allowedTypes.includes(profileImageFileExt)) {
        errors++;
        $('#errorProfilePicture').removeClass("d-none");
        $('#imageUpdateBtn').addClass("border border-2 border-danger");
        $('#errorProfilePicture').html("Supported svg, jpg, jpeg and png!");
    }
    else {
        $('#imageUpdateBtn').removeClass("border-danger");
        $('#errorProfilePicture').addClass("d-none");
        $('#imageUpdateBtn').addClass("border-2 border-success");
    }

    formData.append('file', profileImageFile);
}
}

if (firstName == "") {
    errors++;
    $('#errorFName').removeClass("d-none");
    $('#inputFName').addClass("border border-2 border-danger");
    $('#errorFName').html("First is required!");
}
else if (!regName.test(firstName)) {
    errors++;
    $('#errorFName').removeClass("d-none");
    $('#inputFName').addClass("border border-2 border-danger");
    $('#errorFName').html("Uppercase and 3 characters min!");
}
else {
    $('#inputFName').removeClass("border-danger");
    $('#errorFName').addClass("d-none");
    $('#inputFName').addClass("border-2 border-success");
}

```

```

if (lastName == "") {
    errors++;
    $('#errorLName').removeClass("d-none");
    $('#inputLName').addClass("border border-2 border-danger");
    $('#errorLName').html("Last is required!");
}

else if (!regName.test(lastName)) {
    errors++;
    $('#errorLName').removeClass("d-none");
    $('#inputLName').addClass("border border-2 border-danger");
    $('#errorLName').html("Uppercase and 3 characters min!");
}

else {
    $('#inputLName').removeClass("border-danger");
    $('#errorLName').addClass("d-none");
    $('#inputLName').addClass("border-2 border-success");
}
}

if (phone == "") {
    errors++;
    $('#errorPhone').removeClass("d-none");
    $('#inputPhone').addClass("border border-2 border-danger");
    $('#errorPhone').html("Phone is required!");
}

else if (!regPhone.test(phone)) {
    errors++;
    $('#errorPhone').removeClass("d-none");
    $('#inputPhone').addClass("border border-2 border-danger");
    $('#errorPhone').html("Example: +1-XXX-XXX-XXXX");
}

else {
    $('#inputPhone').removeClass("border-danger");
    $('#errorPhone').addClass("d-none");
    $('#inputPhone').addClass("border-2 border-success");
}
}

if (city == "0") {
    errors++;
    $('#errorCity').removeClass("d-none");
    $('#selectCity').addClass("border border-2 border-danger");
    $('#errorCity').html("City is required!");
}

```

```

        }

    else {
        $('#selectCity').removeClass("border-danger");
        $('#errorCity').addClass("d-none");
        $('#selectCity').addClass("border-2 border-success");
    }

}

if (address == "") {
    errors++;
    $('#errorAddress').removeClass("d-none");
    $('#inputAddress').addClass("border border-2 border-danger");
    $('#errorAddress').html("Address is required!");
}

else if (address.length <= 3) {
    errors++;
    $('#errorAddress').removeClass("d-none");
    $('#inputAddress').addClass("border border-2 border-danger");
    $('#errorAddress').html("Address is too short!");
}

else {
    $('#inputAddress').removeClass("border-danger");
    $('#errorAddress').addClass("d-none");
    $('#inputAddress').addClass("border-2 border-success");
}

}

if (errors == 0) {
    formData.append('firstName', firstName);
    formData.append('lastName', lastName);
    formData.append('phone', phone);
    formData.append('city', city);
    formData.append('address', address);

    // console.log(formData);

$.ajax({
    url: 'models/updateProfile.php',
    method: 'POST',
    data: formData,
    processData: false,
    contentType: false,
    dataType: 'json',
    success: function (response) {
        $('#response-text').removeClass("alert alert-danger");

```

```
$('#response-text').addClass("alert alert-success");
$('#response-text').html(response.msg);
// console.log(response);
setTimeout(function () { window.location.href = "profile.php";
}, 1000);
},
error: function (xhr) {
    var errorMsg = xhr.responseJSON ? xhr.responseJSON.error :
"Unknown error.";
    if (xhr.status == 422) {
        console.log("Error: " + errorMsg);

        $('#response-text').removeClass("alert alert-success");
        $('#response-text').addClass("alert alert-danger");
        $('#response-text').html(errorMsg);
    }
    else if (xhr.status == 500) {
        console.log("Error: " + errorMsg);
    }
}
});
}
});
```

## Logika admin panela, dodavanja, ažuriranja i brisanja proizvoda, poruke od strane korisnika

```
$ (document).on('click', '#contactButton', function () {
    let firstName = $('#inputFName').val();
    let lastName = $('#inputLName').val();
    let email = $('#inputEmail').val();
    let msg = $('#inputMsg').val();

    let errors = 0;
    let regName = /^[A-ZŠĐČĆŽ]{1}[A-zŠĐČĆŽšđććž]{2,20}$/;
    let regEmail =
/^([a-zšđććž]{1}[a-zšđććž0-9\.\+][a-zšđććž0-9@\.[a-zšđććž\.\.]+\.[a-z]{2,}]\$/;
    let regMsg = /[\wŠĐČĆŽšđććž`\s\.,!?\(\)\\"-]{1,230}\$/;

    if (firstName == "") {
        errors++;
        $('#errorFName').removeClass("d-none");
        $('#inputFName').addClass("border border-2 border-danger");
        $('#errorFName').html("First is required!");
    }
    else if (!regName.test(firstName)) {
        errors++;
        $('#errorFName').removeClass("d-none");
        $('#inputFName').addClass("border border-2 border-danger");
        $('#errorFName').html("Uppercase and 3 characters min!");
    }
    else {
        $('#inputFName').removeClass("border-danger");
        $('#errorFName').addClass("d-none");
        $('#inputFName').addClass("border-2 border-success");
    }

    if (lastName == "") {
        errors++;
        $('#errorLName').removeClass("d-none");
        $('#inputLName').addClass("border border-2 border-danger");
        $('#errorLName').html("Last is required!");
    }
})
```

```

        }

        else if (!regName.test(lastName)) {
            errors++;
            $('#errorLName').removeClass("d-none");
            $('#inputLName').addClass("border border-2 border-danger");
            $('#errorLName').html("Uppercase and 3 characters min!");
        }

        else {
            $('#inputLName').removeClass("border-danger");
            $('#errorLName').addClass("d-none");
            $('#inputLName').addClass("border-2 border-success");
        }
    }

    if (email == "") {
        errors++;
        $('#errorEmail').removeClass("d-none");
        $('#inputEmail').addClass("border border-2 border-danger");
        $('#errorEmail').html("Email is required!");
    }

    else if (!regEmail.test(email)) {
        errors++;
        $('#errorEmail').removeClass("d-none");
        $('#inputEmail').addClass("border border-2 border-danger");
        $('#errorEmail').html("Invalid email format!");
    }

    else {
        $('#inputEmail').removeClass("border-danger");
        $('#errorEmail').addClass("d-none");
        $('#inputEmail').addClass("border-2 border-success");
    }
}

if (msg == "") {
    errors++;
    $('#errorMsg').removeClass("d-none");
    $('#inputMsg').addClass("border border-2 border-danger");
    $('#errorMsg').html("Text field is required!");
}

else if (!regMsg.test(msg)) {
    errors++;
    $('#errorMsg').removeClass("d-none");
    $('#inputMsg').addClass("border border-2 border-danger");
}

```

```

        $('#errorMsg').html("Maximum number of characters is 230!");
    }
    else {
        $('#inputMsg').removeClass("border-danger");
        $('#errorMsg').addClass("d-none");
        $('#inputMsg').addClass("border-2 border-success");
    }
}

if (errors == 0) {

    let dataForPHP = {
        "firstName": firstName,
        "lastName": lastName,
        "email": email,
        "msg": msg
    }

    $.ajax({
        url: "models/contactAdmin.php",
        method: "post",
        data: dataForPHP,
        dataType: "json",
        success: function (response) {
            // console.log(response.msg);
            $('#response-text').removeClass("alert alert-danger");
            $('#response-text').addClass("alert alert-success");
            $('#response-text').html(response.msg);
        },
        error: function (xhr) {
            if (xhr.status == 422 || xhr.status == 409) {
                var errorMsg = xhr.responseJSON ? xhr.responseJSON.msg :
"Unknown error.";

                $('#response-text').removeClass("alert alert-success");
                $('#response-text').addClass("alert alert-danger");
                $('#response-text').html(errorMsg);
            }
            else if (xhr.status == 500) {
                var errorMsg = xhr.responseJSON ? xhr.responseJSON.msg :
"Unknown error.";
                console.log(errorMsg);
            }
        }
    })
}

```

```

        });
    }
}) ;

// Refresh image on change for insert product
$(document).on('change', '#imageProductUpdateBtn', function (e) {
    const fileInput = e.target;
    const file = fileInput.files[0];
    const imagePreview = document.getElementById('productImagePreview');

    if (file) {
        const imageUrl = URL.createObjectURL(file);
        imagePreview.src = imageUrl;

        imagePreview.alt = file.name || 'Product Image Preview';
    }
}) ;

// Insert new product Form
$(document).on('click', '#insertNewProduct', function () {
    let profileImageInput = $('#imageProductUpdateBtn')[0];
    let profileImageFile = profileImageInput.files[0];
    let name = $('#inputNameProduct').val();
    let desc = $('#inputDescriptionProduct').val();
    let price = $('#inputPriceProduct').val();
    let availability = $('#inputAvailabilityProduct').val();
    let catID = $('#selectCategoryProduct').val();
    let colorID = $('#selectColorProduct').val();
    let formData = new FormData();

    let errors = 0;
    let regName =
/^([A-zŠĐČŽšđčćž0-9\\ !\\ @\\ #\\ $\\ %\\ ^\\ &\\ *\\ ()\\ _\\ +\\ {}\\ \\ :\\ \"\\ |\\ <\\ >\\ ?\\ [\\ ]\\ ;\\ '\\ ,\\ .\\ ./\\ `\\ \$\\ ±\\ ~\\ -\\ s]{3,250}$/;
    let allowedTypes = ["jpeg", "jpg", "png", "svg"];

    if (profileImageFile != undefined) {
        let profileImageFileName = profileImageFile.name;
        let profileImageFileExtArr = profileImageFileName.split('.');
        let profileImageFileExt =
profileImageFileExtArr[profileImageFileExtArr.length - 1].toLowerCase();

        if (profileImageFile.size > 5000000) {
            errors++;
            $('#errorImageProduct').removeClass("d-none");
        }
    }
}) ;

```

```

        $('#imageProductUpdateBtn').addClass("border border-2
border-danger");
        $('#errorImageProduct').html("Upload size should be less than
5mb!");
    }
    else if (!allowedTypes.includes(profileImageFileExt)) {
        errors++;
        $('#errorImageProduct').removeClass("d-none");
        $('#imageProductUpdateBtn').addClass("border border-2
border-danger");
        $('#errorImageProduct').html("Supported svg, jpg, jpeg and png!");
    }
    else {
        $('#imageProductUpdateBtn').removeClass("border-danger");
        $('#errorImageProduct').addClass("d-none");
        $('#imageProductUpdateBtn').addClass("border-2 border-success");

        formData.append('file', profileImageFile);
    }
} else {
    errors++;
    $('#errorImageProduct').removeClass("d-none");
    $('#imageProductUpdateBtn').addClass("border border-2 border-danger");
    $('#errorImageProduct').html("Image is missing!");
}

if (name == "") {
    errors++;
    $('#errorNameProduct').removeClass("d-none");
    $('#inputNameProduct').addClass("border border-2 border-danger");
    $('#errorNameProduct').html("Name is required!");
}
else if (!regName.test(name)) {
    errors++;
    $('#errorNameProduct').removeClass("d-none");
    $('#inputNameProduct').addClass("border border-2 border-danger");
    $('#errorNameProduct').html("Length 3-200 max.");
}
else {
    $('#inputNameProduct').removeClass("border-danger");
    $('#errorNameProduct').addClass("d-none");
    $('#inputNameProduct').addClass("border-2 border-success");
}

```

```

if (desc == "") {
    errors++;
    $('#errorDescriptionProduct').removeClass("d-none");
    $('#inputDescriptionProduct').addClass("border border-2 border-danger");
    $('#errorDescriptionProduct').html("Description is required!");
}

else if (!regName.test(desc)) {
    errors++;
    $('#errorDescriptionProduct').removeClass("d-none");
    $('#inputDescriptionProduct').addClass("border border-2 border-danger");
    $('#errorDescriptionProduct').html("Length 3-200 max.");
}

else {
    $('#inputDescriptionProduct').removeClass("border-danger");
    $('#errorDescriptionProduct').addClass("d-none");
    $('#inputDescriptionProduct').addClass("border-2 border-success");
}
}

if (price <= 0) {
    errors++;
    $('#errorPriceProduct').removeClass("d-none");
    $('#inputPriceProduct').addClass("border border-2 border-danger");
    $('#errorPriceProduct').html("Price must be higher than 0(zero)!");
}

else {
    $('#inputPriceProduct').removeClass("border-danger");
    $('#errorPriceProduct').addClass("d-none");
    $('#inputPriceProduct').addClass("border-2 border-success");
}
}

if (availability < 0) {
    errors++;
    $('#errorAvailabilityProduct').removeClass("d-none");
    $('#inputAvailabilityProduct').addClass("border border-2 border-danger");
    $('#errorAvailabilityProduct').html("Availability can't be below 0(zero)!");
}

else {
    $('#inputAvailabilityProduct').removeClass("border-danger");
    $('#errorAvailabilityProduct').addClass("d-none");
    $('#inputAvailabilityProduct').addClass("border-2 border-success");
}

```

```

if (catID == "0") {
    errors++;
    $('#errorCategoryProduct').removeClass("d-none");
    $('#selectCategoryProduct').addClass("border border-2 border-danger");
    $('#errorCategoryProduct').html("Category is required!");
}

else {
    $('#selectCategoryProduct').removeClass("border-danger");
    $('#errorCategoryProduct').addClass("d-none");
    $('#selectCategoryProduct').addClass("border-2 border-success");
}
}

if (colorID == "0") {
    errors++;
    $('#errorColorProduct').removeClass("d-none");
    $('#selectColorProduct').addClass("border border-2 border-danger");
    $('#errorColorProduct').html("Color is required!");
}

else {
    $('#selectColorProduct').removeClass("border-danger");
    $('#errorColorProduct').addClass("d-none");
    $('#selectColorProduct').addClass("border-2 border-success");
}
}

if (errors == 0) {
    formData.append('nameProduct', name);
    formData.append('descProduct', desc);
    formData.append('priceProduct', price);
    formData.append('availabilityProduct', availability);
    formData.append('catID', catID);
    formData.append('colorID', colorID);

    $.ajax({
        url: "models/insertProduct.php",
        method: "post",
        data: formData,
        processData: false,
        contentType: false,
        dataType: "json",
        success: function (response) {
            $('#response-text').removeClass("alert alert-danger");
}
}

```

```

        $('#response-text').addClass("alert alert-success");
        $('#response-text').html(response.msg);
    },
    error: function (xhr) {
        var errorMsg = xhr.responseJSON ? xhr.responseJSON.error :
        "Unknown error.";
        if (xhr.status == 422 || xhr.status == 409) {

            $('#response-text').removeClass("alert alert-success");
            $('#response-text').addClass("alert alert-danger");
            $('#response-text').html(errorMsg);
        }
        else if (xhr.status == 500) {
            console.log(errorMsg);
        }
    }
});

}

}

// Back to home button
$(document).on('click', '#homeButton', function () {
    window.location.href = "index.php";
});

// Back to admin panel with products button
$(document).on('click', '#backToProducts', function () {
    window.history.back();
});

// Insert new product in admin panel
$(document).on('click', '#goToInsertProduct', function () {
    window.location.href = "adminInsertProduct.php";
});

// Update product in admin panel
$(document).on('click', '#updateProduct', function () {
    let productID = $(this).data('id');
    let profileImageInput = $('#imageProductUpdateBtn')[0];
    let profileImageFile = profileImageInput.files[0];
    let name = $('#inputNameProduct').val();
    let currentName = $('#inputCurrentNameProduct').val();
    let desc = $('#inputDescriptionProduct').val();

```

```
let price = $('#inputPriceProduct').val();
let availability = $('#inputAvailabilityProduct').val();
let catID = $('#selectCategoryProduct').val();
let colorID = $('#selectColorProduct').val();
let formData = new FormData();

let errors = 0;
let regName =
/^[A-zŠĐČĆŽšđčćž0-9\\\\!\\@\\#\\$\\%\\^\\&\\*\\(\\)\\_\\+\\{\\}\\:\\\"\\|\\<\\>\\?\\[\\]\\;\\'\\,\\.\\/.`\\$\\±\\~\\-\\s]{3,250}$/;

let allowedTypes = ["jpeg", "jpg", "png", "svg"];

if (profileImageFile != undefined) {
    let profileImageFileName = profileImageFile.name;
    let profileImageFileExtArr = profileImageFileName.split('.');
    let profileImageFileExt =
profileImageFileExtArr[profileImageFileExtArr.length - 1].toLowerCase();

    if (profileImageFile.size > 5000000) {
        errors++;
        $('#errorImageProduct').removeClass("d-none");
        $('#imageProductUpdateBtn').addClass("border border-2
border-danger");
        $('#errorImageProduct').html("Upload size should be less than
5mb!");
    }
    else if (!allowedTypes.includes(profileImageFileExt)) {
        errors++;
        $('#errorImageProduct').removeClass("d-none");
        $('#imageProductUpdateBtn').addClass("border border-2
border-danger");
        $('#errorImageProduct').html("Supported svg, jpg, jpeg and png!");
    }
    else {
        $('#imageProductUpdateBtn').removeClass("border-danger");
        $('#errorImageProduct').addClass("d-none");
        $('#imageProductUpdateBtn').addClass("border-2 border-success");
    }
}

if (name == "") {
    errors++;
    $('#errorNameProduct').removeClass("d-none");
}
```

```

        $('#inputNameProduct').addClass("border border-2 border-danger");
        $('#errorNameProduct').html("Name is required!");
    }

    else if (!regName.test(name)) {
        errors++;
        $('#errorNameProduct').removeClass("d-none");
        $('#inputNameProduct').addClass("border border-2 border-danger");
        $('#errorNameProduct').html("Length 3-200 max.");
    }

    else {
        $('#inputNameProduct').removeClass("border-danger");
        $('#errorNameProduct').addClass("d-none");
        $('#inputNameProduct').addClass("border-2 border-success");
    }
}

if (desc == "") {
    errors++;
    $('#errorDescriptionProduct').removeClass("d-none");
    $('#inputDescriptionProduct').addClass("border border-2 border-danger");
    $('#errorDescriptionProduct').html("Description is required!");
}

else if (!regName.test(desc)) {
    errors++;
    $('#errorDescriptionProduct').removeClass("d-none");
    $('#inputDescriptionProduct').addClass("border border-2 border-danger");
    $('#errorDescriptionProduct').html("Length 3-200 max.");
}

else {
    $('#inputDescriptionProduct').removeClass("border-danger");
    $('#errorDescriptionProduct').addClass("d-none");
    $('#inputDescriptionProduct').addClass("border-2 border-success");
}

if (price <= 0) {
    errors++;
    $('#errorPriceProduct').removeClass("d-none");
    $('#inputPriceProduct').addClass("border border-2 border-danger");
    $('#errorPriceProduct').html("Price must be higher than 0(zero)!");
}

else {
    $('#inputPriceProduct').removeClass("border-danger");
    $('#errorPriceProduct').addClass("d-none");
    $('#inputPriceProduct').addClass("border-2 border-success");
}

```

```

}

if (availability < 0) {
    errors++;
    $('#errorAvailabilityProduct').removeClass("d-none");
    $('#inputAvailabilityProduct').addClass("border border-2 border-danger");
    $('#errorAvailabilityProduct').html("Availability can't be below 0(zero)!");
}
else {
    $('#inputAvailabilityProduct').removeClass("border-danger");
    $('#errorAvailabilityProduct').addClass("d-none");
    $('#inputAvailabilityProduct').addClass("border-2 border-success");
}

if (catID == "0") {
    errors++;
    $('#errorCategoryProduct').removeClass("d-none");
    $('#selectCategoryProduct').addClass("border border-2 border-danger");
    $('#errorCategoryProduct').html("Category is required!");
}
else {
    $('#selectCategoryProduct').removeClass("border-danger");
    $('#errorCategoryProduct').addClass("d-none");
    $('#selectCategoryProduct').addClass("border-2 border-success");
}

if (colorID == "0") {
    errors++;
    $('#errorColorProduct').removeClass("d-none");
    $('#selectColorProduct').addClass("border border-2 border-danger");
    $('#errorColorProduct').html("Color is required!");
}
else {
    $('#selectColorProduct').removeClass("border-danger");
    $('#errorColorProduct').addClass("d-none");
    $('#selectColorProduct').addClass("border-2 border-success");
}

if (errors == 0) {

```

```

        formData.append('productID', productID);
        formData.append('nameProduct', name);
        formData.append('currentNameProduct', currentName);
        formData.append('descProduct', desc);
        formData.append('priceProduct', price);
        formData.append('availabilityProduct', availability);
        formData.append('catID', catID);
        formData.append('colorID', colorID);

        $.ajax({
            url: "models/updateProduct.php",
            method: "post",
            data: formData,
            processData: false,
            contentType: false,
            dataType: "json",
            success: function (response) {
                $('#response-text').removeClass("alert alert-danger");
                $('#response-text').addClass("alert alert-success");
                $('#response-text').html(response.msg);

                // console.log("path: " + response);
                // console.log("path: " + response.path);
                // console.log("movePathFS: " + response.movePathFS);
                // console.log("movePathDB: " + response.movePathDB);
            },
            error: function (xhr) {
                var errorMsg = xhr.responseJSON ? xhr.responseJSON.error :
                    "Unknown error.";

                if (xhr.status == 422 || xhr.status == 409) {
                    $('#response-text').removeClass("alert alert-success");
                    $('#response-text').addClass("alert alert-danger");
                    $('#response-text').html("Error: " + errorMsg);
                    console.log("Error: " + errorMsg);
                } else if (xhr.status == 500) {
                    console.log("Server error: " + errorMsg);
                }
            }
        });

        // Delete product in admin panel
        $(document).on('click', '#deleteProduct', function () {

```

```

let productID = $(this).data('id');
console.log(productID);

$.ajax({
    url: "models/deleteProduct.php",
    method: "post",
    data: { "productID": productID },
    dataType: "json",
    success: function (response) {
        $('#response-text').removeClass("alert alert-danger");
        $('#response-text').addClass("alert alert-success");
        $('#response-text').html(response.msg);
        setTimeout(function () { window.location.href = "adminPanel.php"; }, 1500);
    },
    error: function (xhr) {
        if (xhr.status == 422 || xhr.status == 409) {
            var errorMsg = xhr.responseJSON ? xhr.responseJSON.msg : "Unknown error.";
            $('#response-text').removeClass("alert alert-success");
            $('#response-text').addClass("alert alert-danger");
            $('#response-text').html(errorMsg);
        }
        else if (xhr.status == 500) {
            var errorMsg = xhr.responseJSON ? xhr.responseJSON.msg : "Unknown error.";
            console.log(errorMsg);
        }
    }
});

// Go to messages in admin panel
$(document).on('click', '#goToMessages', function () {
    window.location.href = "adminMessages.php";
});

// Go to preview changes in admin panel
$(document).on('click', '#previewChangesBtn', function () {
    let productID = $(this).data("product-id");
    window.location.href = "product.php?id=" + productID;
});

```