

VISOKA ŠKOLA STRUKOVNIH STUDIJA ZA INFORMACIONE I  
KOMUNIKACIONE TEHNOLOGIJE

# LUXE FASHION

<https://luxe-fashion.000webhostapp.com/pages/index.php>

<https://github.com/Lazar-X/luxe-fashion>

Smer: Internet tehnologije

Predmet: Web programiranje PHP 1

Lazar Janković 74/19

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## Uvod

U ovoj dokumentaciji se nalaze sve informacije vezane za projekat „Luxe Fashion“.

Obrađena je tema onlajn prodavnice odeće.

## Korišćeni programski jezici i tehnologije

Za izradu i potrebe sajta, korišćene su sledeće tehnologije:

- HTML5
- CSS3
- BOOTSTRAP
- JAVASCRIPT
- JQUERY
- AJAX
- XML
- PHP
- MYSQL

Okruženje koje se koristilo za izradu projekta je Visual Studio Code, a softver za pokretanje virtuelnog web servera je Xampp.

## Opis funkcionalnosti

Klijentski deo:

- Sajt je izrađen od nule, bez koršćenja template, urađena je skica u figmi za glavne delove sajta, a bootstrap korišćen za strukturu, responsive je, izvršena optimizacija i ispoštovane stavke SEO
- Urađen responsive meni
- Brojač za količinu
- Funkcija za dodavanje active klase, kao i za show/hide lozinke
- Ajaxcallback funkcija, kao i sve ostale funkcije koje su služile za komunikaciju sa serverskim delom i manipulacijom DOM-a
- Urađeni regularni izrazi za proveru podataka na klijentskoj strani

Serverski deo:

Većina funkcija je urađena slanjem ajax zahteva za datu funkcionalnost.

Funkcije koje služe za izvršavanje SQL upita su smeštene u fajlu functions, pa se kasnije pozivaju gde treba.

- Napravljena baza podataka u skladu sa temom sajta
- Napravljen fajl za konekciju sa bazom
- Stranice su isparčane na celine, gde se na svakoj stranici učitava ono što je potrebno za nju, kao i odgovarajući meta tagovi i slično
- Navigacioni meni se štampa dinamički iz baze, kao i ostale grupe linkova u footeru stranice
- Izvršena prihvatanje i validacija podataka na serverskoj strani, za login, registraciju, contact i checkout formu

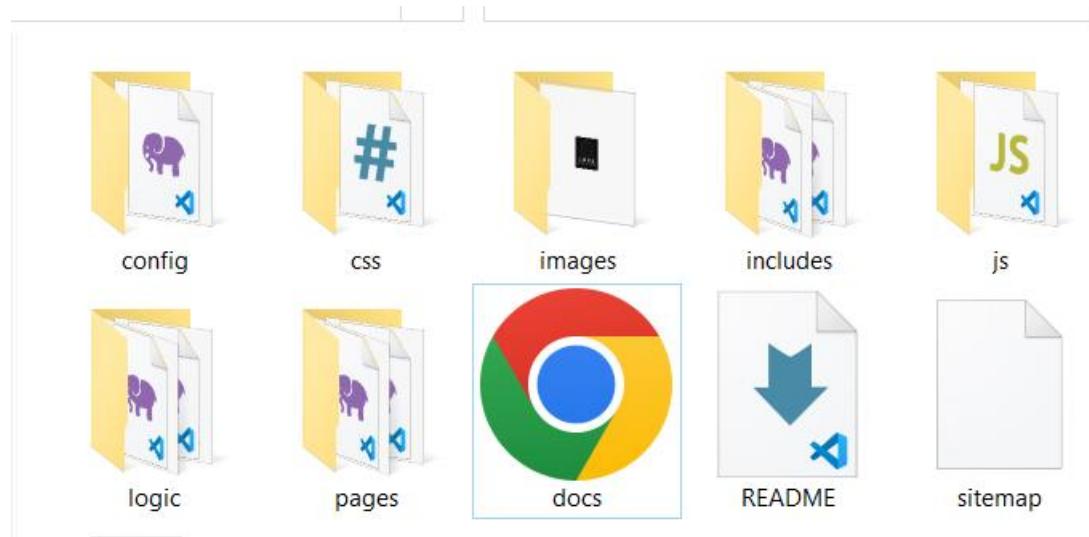
- Izvršeno upisivanje u bazu podataka za svaku funkcionalnost za koju je to potrebno
- Dinamički ispisana 4 proizvoda sa popustom na početnoj stranici
- Dinamički ispisane kategorije, brandovi, boje i polovi na shop stranici, kao i broj proizvoda za datu kategoriju, brand, boju ili pol
- Dinamički ispisani prozivodi, sa datim nazivom, slikom, rejtingom, starom (ukoliko je ima) i novom cenom
- Rejting se automatski računa na osnovu ocena samih korisnika
- Izvršeno filtriranje po gore navedenim kriterijumima (kategorija, brand, boja, pol), kao i filtriranje proizvoda na popustu (koji imaju staru cenu)
- Urađeno je sortiranje proizvoda prema nazivu (asc, desc) ili ceni (opadajuća ili rastuća)
- Urađena je funkcionalnost za pretragu (search)
- Napravljeno dugme za poništavanje svih filtriranja, sortiranja i pretrage
- Izvršeno straničenje proizvoda
- Mogućnost pregleda samog proizvoda, gde postoji više informacija o njemu, kao i mogućnost dodavanja u korpu (prvobitna logika je bila da se može dodati odmah, ali izmenjeno zato što korisnik mora da izabere veličinu)
- Napravljena logika za registraciju, logovanje, logout korisnika
- Prilikom registracije se korisniku dodeljuje verifikacioni kod, koji će mu biti tražen pri njegovom prvom logovanju
- Izvršeno filtriranje sadržaja sajta na osnovu uloge korisnika, kao i to da li je uopšte ulogovan
- Mogućnost ocenjivanja proizvoda ukoliko je korisnik ulogovan
- Mogućnost dodavanja proizvoda u korpu gde se može birati količina proizvoda ukoliko je korisnik ulogovan
- Mogućnost pregleda korpe, gde postoje osnovne informacije o proizvodu, količina koja je prethodno izabrana, a može ponovo da se menja, kao i mogućnost izbacivanja proizvoda iz korpe
- Mogućnost odlaska na checkout, gde su podaci o korisniku već uneseni (oni koji su traženi prilikom registracije), i mogućnost izvršenja plaćanja, naravno ukoliko uopšte ima proizvoda
- Ukoliko je korisnik ulogovan, može imati i pristup njegovom profilu, gde je moguće da promeni svoje ime i prezime, kao i kratak uvid u njegove porudžbine
- Korisniku je takođe omogućeno glasanje na trenutnu anketu za taj period, i onemogućeno da glasa više od jednog puta (anketa može biti aktivna ili ne)
- Adminu omogućeno da može da dodaje nov proizvod, veličine i cene za proizvod, omogućeno mu je brisanje proizvoda i upload slike, ima kratak uvid u korisnike i poruke sa contact stranice, takođe ima uvid u anketu
- Još neke sitnice, poput štampanja broja proizvoda u korpi, ispisivanje grešaka sa serverske strane, vraćanje odgovarajućih statusnih kodova, ograničavanje korisnika

## Zasluge

- Fontovi preuzeti sa <https://fonts.google.com/>
- Logo kreiran na <https://www.freelogodesign.org/>
- Pozadinske slike preuzete sa <https://unsplash.com/>
- Slike proizvoda preuzete sa <https://www.freepik.com/>
- Korišćene ikonice sa <https://fontawesome.com/>
- Sadržaj na sajtu sa <https://chat.openai.com/>
- Mapa sajta na <https://www.xml-sitemaps.com/>

## Organizacija

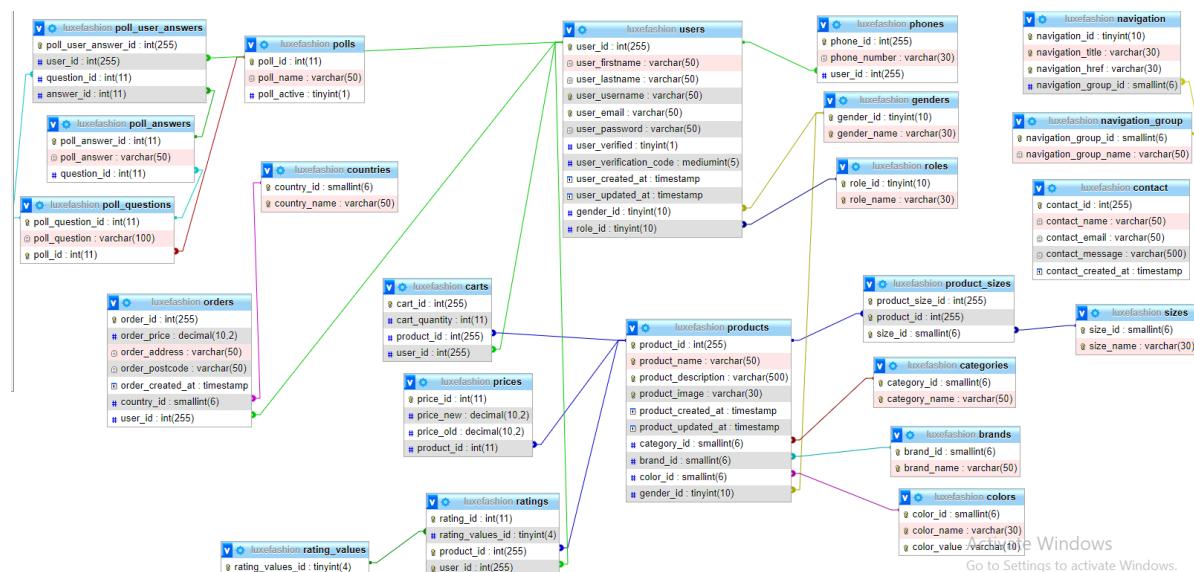
### Struktura



## Organizaciona Šema

Sve stranice su međusobno dostupne jedna drugoj, naravno u zavisnosti od dozvola samih korisnika.

## Šema baze



Ispod je kratak opis pojedinih tabela iz baze.

Tabela „contact“ je tabela koja ne zavisi od drugih, moguće je slanje poruka bez obzira na druge tabele tj. uloge korisnika.

Tabela „navigation“ sadrži nazine i linkove, a zavisi od grupe navigacionih linkova.

Tabela „users“ sadrži osnovne informacije o korisniku. Imamo i polje koje beleži da li je korisnik verifikovan, kao i polje za njegov verifikacioni kod. Povezana je sa tabelom „phones“, jer je telefon kao podatak opcion. Povezana je i sa tabelama „genders“, kako bi se znalo pol korisnika i „roles“ kako bi se znala uloga korisnika.

Imamo i tabele za ankete, glavna je „polls“, koja sadrži naziv ankete i to da li je anketa aktivna, a imamo i ostale tabele za pitanja, odgovore, kao i tabelu koja čuva odgovor korisnika za dato pitanje tj. anketu.

Tabela „products“ sadrži informacije o proizvodu i povezana je sa drugim tabelama kako bi bliže opisali proizvod. Što se tiče veličina, realizovano je da jedan proizvod može imati više veličina, ali se za naručivanje bira samo jedna.

Što se tiče tabele „colors“, moglo je da se realizuje isto kao i veličine, pa da jedan proizvod ima više boja, što je i logično, ali nisam imao odgovarajuće slike, da bih lepo to kasnije prikazao na klijentskoj strani, pa sam ostavio da proizvod ima samo jednu boju.

Proizvod ima i svoju ocenu, koja se računa i zavisi od korisnika, što je realizovano u tabeli „ratings“.

Proizvod ima i svoju cenu, a može da ima staru cenu.

Tabela „carts“ predstavlja korpu korisnika, i zavisi od proizvoda i samog korisnika.

Tabela „orders“ služi za pamćenje porudžbine samog korisnika, a iznos se računa preko korpe. Kao dodatan podatak imamo i listu zemalja gde je moguće izvršiti dostavu, kroz tabelu „countries“.

## Mapa sajta

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  xsi:schemaLocation="http://www.sitemaps.org/schemas/sitemap/0.9
    http://www.sitemaps.org/schemas/sitemap/0.9/sitemap.xsd">
  <!-- created with Free Online Sitemap Generator www.xml-sitemaps.com -->
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  </url>
  <url>
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product.php?product_id=4</loc>
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<url>
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```

## Organizacija sajta i opis funkcionalnosti

Na svakoj stranici su includovani navigacioni meni, footer, kao i odgovarajući meta i ostali tagovi u head sekciji.

Na pojedinim stranicama, kao i pojedinim funkcionalnostima je ograničen pristup, u zavisnosti od toga da li je korisnik ulogovan, da li je običan korisnik ili administrator, da li je pristupio stranici klikom ili preko url adrese, što je prikazano na slikama ispod.

---

You need to be logged in!

Primer ukoliko korisnik pokuša da doda proizvod u korpu ili da oceni proizvod, a nije ulogovan.

Oops, it looks like you are not logged in!

Primer ukoliko korisnik pokuša da pristupi nekim stranicama, za koje je potrebno da bude ulogovan, kao što je korpa.

Oops, it looks like you are not administrator!

Primer ukoliko korisnik nije administrator, a pokuša da pristupi stranici za administratora.

You are not allowed to access this page directly. Please click on a poll to participate.

Primer ukoliko korisnik direktno pokuša da pristupi stranici za anketu, a nije kliknuto na nju.

Oops, it looks like you are already logged in!

Primer ukoliko korisnik pokuša da pristupi stranici za login, a već je ulogovan.

Index.php

→ Login → Register

Ukoliko korisnik nije ulogovan, ni registrovan, ima mogućnost za to.

(?) Accessory Poll    (User) Profile    → Logout

Ukoliko je korisnik ulogovan, sa ulogom user, ima mogućnost da se izloguje, ode na svoj profil, ili da ode na anketu gde će moći da glasa.

(?) Accessory Poll    (Dashboard)    → Logout

Ukoliko je korisnik ulogovan, sa ulogom admin, ima mogućnost da se izloguje, da ode na admin panel ili da ode na anketu gde će imati uvid.

Luxe Fashion

Home Shop About us Contact



Navigacioni meni se štampa dinamički iz baze, a ukoliko je korisnik ulogovan prikazuje mu se i broj proizvoda u korpi.

The screenshot shows the Luxe Fashion homepage. At the top left is the store name "Luxe Fashion". Below it is a navigation menu with links: Home, Shop, About us, and Contact. A shopping cart icon with a red notification dot is at the top right. The main content area features a large banner on the left with a woman holding shopping bags, labeled "Unleash Your Fashionista Side". To the right are three sections: "Trending Categories" (with a link to "SHOP NOW" and an image of several shirts), "Premium Collections" (with a link to "SHOP NOW" and an image of a person working at a desk), and "His & Hers Fashion" (with a link to "SHOP NOW" and an image of a couple dancing). Each section has a small caption below its title.

Ove sekcije nemaju značajnih funkcionalnosti.

Što se tiče hero sekcije, mogao je biti slajder, pa da se dinamički slike dobijaju iz baze, ali sam htio jednostavniji dizajn.

### On Discount



Boho Maxi



\$179.99 \$149.99



Classic Pullover



\$76.99 \$49.99



Cozy Oversized



\$89.99 \$69.99



Skinny High-Waist



\$97.99 \$89.99

Activate Wir

Ovde se nalaze proizvodi na sniženju, sa nazivom, ocenom, starom i novom cenom.



## Skinny High-Waist



\$97.99 ~~\$97.99~~ \$89.99

Svaki proizvod ima mogućnost da se klikom ode i pogleda više informacija o njemu.

We are a fashion store dedicated to providing the latest trends with a touch of luxury. Our mission is to make fashion accessible to everyone while maintaining quality and style.

READ MORE →

FREE SHIPPING

FREE RETURNS

CUSTOMER SUPPORT

DELIVERY ON TIME

Što se tiče services sekcije ona je izdvojena kao celina i ubaciće se i na about stranici.

LUXE FASHION

Shop with confidence - easy returns and fast shipping.

INFORMATION

Home  
Shop  
About us  
Contact

ADDITIONAL LINKS

Sitemap  
Documentation  
Author

© Copyright 2023. Web design and development made by LAZAR JANKOVIC.

Što se footera tiče, odgovarajuća grupa linkova se štampa dinamički iz baze na odgovarajućem mestu, gde je to potrebno.

Godina se dobija php funkcijom za trenutnu godinu.

## About-us.php

Our story began with a passion for fashion and a desire to create something unique. We saw a gap in the market for a fashion store that catered to both style and quality. We wanted to bring together the latest trends and high-end brands, and make them accessible to everyone.

We started small, with a small storefront and a limited selection of products. But we were determined to succeed and to build something special. We listened to our customers, learned from our mistakes, and worked hard to grow our business.



Over time, we expanded our selection of products, added new brands and collections, and built a strong online presence. We are proud of what we have accomplished and grateful to our customers for their support. Check our [shop](#).

We love hearing from our customers! If you have any questions, comments, or concerns, please don't hesitate to reach out to us. Our friendly and knowledgeable customer service team is always ready to help you with anything you need. You can [contact us](#) through our website or social media channels, and we'll get back to you as soon as possible.

Na ovoj stranici nema funkcionalnosti, sem ubačenog navigacionog menija, footera i services sekcije.

Što se informacija na ovoj stranici tiče, mislim da nije bilo potrebno da se ubacuju u bazu, iako je moglo i to da se uradi.

## Contact.php

### Contact Us

**Name** Enter name

Example: Lazar

**Email address** Enter email

Example: luxefashion@gmail.com

**Message** Enter message

Example: This is message

**SEND MESSAGE****PHONE**

+381 64-098-4199

**EMAIL**

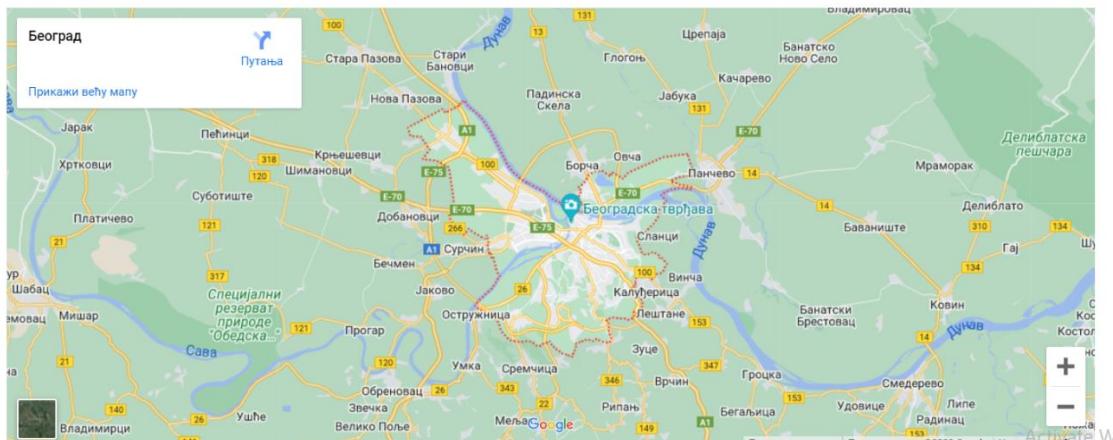
luxefashion@gmail.com

**LOCATION**

Belgrade, Serbia

**Acti**

Go to



Ovde se nalaze kontakt forma i lokacija (mapa).

Poruku u kontakt formi može da pošalje apsolutno svako, ne zavisi od drugih tabela u bazi ili od toga da li je korisnik ulogovan ili ne.

Name

Enter name

Please enter a valid name. Example: Lazar

Email address

Enter email

Please enter a valid email address. Example: luxefashion@gmail.com

Message

Enter message

Please enter a valid message. Between 10 and 150 characters long.

SEND MESSAGE

Urađena je validacija na klijentskoj i serverskoj strani.

Your message has been sent to our administrators and someone will get back to you as soon as possible at the email address you provided.

Nakon uspešno poslate poruke, izdaje se poruka o tome.

Ovo je poruka sa servera i štampa se dinamički ajaxom, kao i sve ostale poruke.

Author.php



Lazar Jankovic

I'm a passionate 23-year-old web developer with years of experience in programming. I first fell in love with computers as a child, and since then I've honed my skills to focus on web development.

As an organized and hardworking individual, I'm committed to delivering top-quality work. My areas of expertise include HTML, CSS, JavaScript, PHP, MySQL, and more.

Whether you need a website built from scratch or just a few tweaks to your existing code, I'm ready to help.

CHECK MY WORK →

Activate Window  
Go to Settings to activ

Stranica o autoru nema funkcionalnosti, sadrži kratak opis o autoru i link koji vodi do github profila.

## Shop.php

### Shop With Us

Browse from 17 latest products

Odmah na početku je ispisano koliko proizvoda ima u prodavnici.

<b>Categories</b>	<b>Brands</b>
<input type="checkbox"/> Dresses (2) <input type="checkbox"/> Hoodies (4) <input type="checkbox"/> Jackets (2) <input type="checkbox"/> Jeans (2) <input type="checkbox"/> Shirts (3) <input type="checkbox"/> Shorts (2) <input type="checkbox"/> Sweatpants (2)	<input type="checkbox"/> Calvin Klein (4) <input type="checkbox"/> Converse (3) <input type="checkbox"/> Ralph Lauren (3) <input type="checkbox"/> Tommy Hilfiger (4) <input type="checkbox"/> Vans (3)
<b>Colors</b>	<b>Gender</b>
     	<input type="radio"/> Female (5) <input type="radio"/> Male (12)

Dinamički iz baze ispisane kategorije, brandovi, boje i polovi, prema kojima je moguće vršiti filtriranje. Dodatno se ispisuje i broj proizvoda koji je dostupan sa tom kategorijom, brandom ili polom.

<b>Discount</b>
<input type="checkbox"/> Discount

Moguće je izabrati proizvode koji su trenutno na popustu, tj. imaju svoju staru cenu.

## Search

sporty

Are you looking for a specific item?



Sporty Zip-Up



\$59.99

Napravljena je funkcionalnost za pretragu proizvoda po nazivu.

## Sort by

Default

Default

Asc

Desc

Price up

Price down



Moguće je izvršiti sortiranje prema nazivu ili ceni.



Napravljeno je i dugme za poništavanje svih promena napravljenih filtriranjem ili sortiranjem.



High-Waisted



\$39.99



Classic Pullover



\$70.99 \$49.99



Puffer



\$179.99



Activate Windows  
Go to Settings to activate Windows

Napravljena je paginacija, takođe realizovana putem ajax-a. Dinamički se štampa 9 proizvoda po stranici.

Sve ove funkcionalnosti rade istovremeno, tj. jedna sa drugom. Svi proizvodi se prikazuju odmah, tj. sve funkcionalnosti su realizovane putem ajax-a, pa nema potrebe za refreshovanjem stranice.

### Single-product.php



Ovde se nalaze informacije o proizvodu na koji je kliknuto. To su naziv, cena, brend, opis, dostupne veličine za taj proizvod i boja. Dodatno, korisnik može i da izabere količinu za taj proizvod.

Sizes:	<input type="button" value="L"/>	<input type="button" value="M"/>	<input type="button" value="S"/>
Color:	<input checked="" type="radio"/>		
Quantity:	<input type="button" value="-"/> <input type="text" value="4"/> <input type="button" value="+"/>		
<b>ADD TO CART</b>			

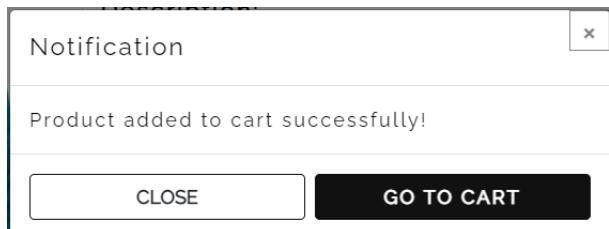
Da bi korisnik mogao da ubaci proizvod u korpu, mora izabrati veličinu, a količina je proizvoljna od jednog pa do deset komada.

Rate this product:

1

RATE PRODUCT

Ispod svakog proizvoda, korisniku je dostupno da oceni taj isti proizvod. Naravno ovo je moguće samo ako je korisnik ulogovan.



Ukoliko je korisnik ulogovan i ukoliko je izabrao veličinu za dati proizvod, može da isti doda u korpu. Nakon toga će dobiti obaveštenje i može da ode na link da pregleda korpu.

### Cart.php

CART				
You have 2 items in your cart				
Image	Product Name	Quantity	Price	Remove
	Skinny High-Waist	<input type="button" value="4"/>	89.99	
	Sporty Zip-Up	<input type="button" value="1"/>	59.99	

**SUMMARY: 419.95**

[CHECKOUT](#)

U korpi je prikazano koliko je ukupno proizvoda, prikazani su ti proizvodi, kao i količina koja je prethodno izabrana. Prikazana je i cena po komadu tog proizvoda.

Na dnu imamo i ukupnu cenu za sve proizvode. Menjanjem količine proizvoda ili uklanjanjem proizvoda iz korpe, ukupna cena se odmah ažurira, kao i broj proizvoda u korpi.

Moguće je nastaviti sa plaćanjem odlaskom na checkout.

**Billing Details**

Full Name:

Email:

Phone: (optional)

Country  
  
Please select your country from the options provided above.

Address:  
  
Please enter a valid address. Example: Belgrade, Street 22

PostCode:  
  
Please enter a valid postcode. Example: 11500

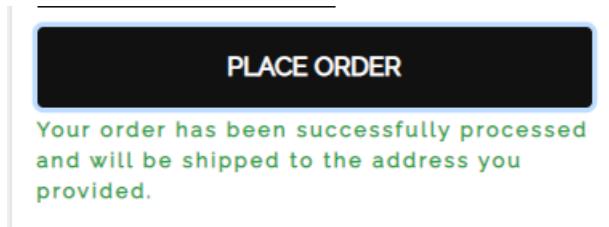
**YOUR ORDER**

Total: 419.95

[REVIEW YOUR CART](#)

**PLACE ORDER**

Na stranici checkout, takođe je izvršena validacija svih podataka. Podaci koji su bili potrebni prilikom registracije će se automatski popuniti. Dodatno korisnik mora da izabere zemlju, unese adresu i poštanski broj. Cena koja je bila u korpi se automatski prenosi na checkout stranici.



Nakon uspešno popunjениh podataka, moguće je izvršiti porudžbinu i o tome je korisnik obavešten, a podaci upisani u bazu.

Korpa se naravno prazni i korisnik je u mogućnosti da možda nastavi kupovinu sa drugim proizvodima.

## Register.php

**REGISTER**

**First Name:**  
  
Please enter a valid name. Example: Lazar

**Last Name:**  
  
Please enter a valid name. Example: Jankovic

**Username:**  
  
Please enter a valid username. Example: LazarJ

**Email:**  
  
Please enter a valid email address. Example: luxefashion@gmail.com

**Password:**  
 @  
Please enter a valid password. Example: password1

**Retype Password:**  
 @

**Gender:**  
 Male  
 Female  
Please select your gender from the options provided above.

**Phone: (optional)**  
  
Example: +381 555 555  
Please do not share your registration details with anyone else for your own safety and privacy.

**REGISTER**

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

Za registraciju je izvršena klijentska i serverska provera podataka. Većina podataka je obavezno, sem polja za telefon. Polja za username i email se dodatno proveravaju da li su jedinstvena u bazi.

Success! Your data has been sent to the database.

Your verification code that you will need to input on your next login: 83601

Nakon uspešno unesenih podataka, korisniku se izdaje obaveštenje o tome, a dobija i svoj verifikacioni kod, koji se upisuje u bazu i biće mu potreban prilikom sledećeg logovanja.

## Login.php

The screenshot shows a login form titled "LOGIN". It has two text input fields: "Username" containing "lakilazic" and "Password" containing ".....". Below the fields is a note: "Never share your login credentials with anyone.". A large black "LOGIN" button is centered. Below it are links: "Dont have an account yet? Register now!" and "Did you forget your password? Contact us!". A message states: "Sorry, it looks like you haven't entered your verification code yet. Please enter your code in the designated field to complete the verification process and gain access to your account.". Below this is a text input field with placeholder "Enter verification code" and a note "Please enter your verification code". At the bottom is a large black "VERIFY" button.

Stranica za login gde je takođe izvršena klijentska i serverska provera podataka. Takođe je izvršena provera da li korisnik uopšte postoji, kao i to da li je verifikovan. Ukoliko nije, dobiće dodatno polje gde mora upisati svoj verifikacioni kod.

Your account has been verified successfully! Redirecting to home page...

Nakon što upiše svoj jedinstveni kod, njegov nalog će biti verifikovan i biće redirektovan na početnu stranicu.

## User.php

The screenshot shows a form titled "Update your data:". It has two text input fields: "First Name" containing "Lazar" and "Last Name" containing "Jankovic". Below each field is a placeholder: "Example: Lazar Jankovic". At the bottom is a large black "UPDATE" button.

Orders:

Date	Price
05/12/2023	59.99

Na ovoj stranici korisnik može da promeni svoje ime ili prezime. Takođe ima kratak uvid u svoje porudžbine. Ovde je trebalo da postoji dodatan uvid u proizvode, koji trenutno nije realizovan.

## Admin.php

Što se tiče admin stranice, moglo je da se napravi više CRUD operacija, mada sam izdvojio ono najbitnije.

Sve ostalo je obično dodavanje ili brisanje podataka iz baze, ako bih radio npr. za kategorije, brendove i slično.

Welcome Admin

Add product:

Product Name:  
Enter product name  
Example: Product

Product Description:  
Enter product description  
Example: This is product description

Product Image:  
Enter name of product image  
Example: image

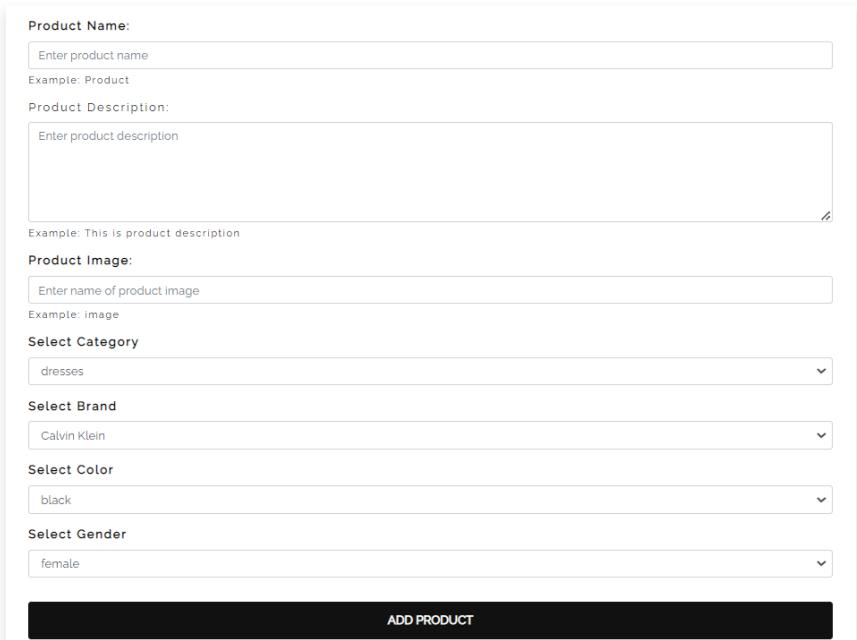
Select Category  
dresses

Select Brand  
Calvin Klein

Select Color  
black

Select Gender  
female

**ADD PRODUCT**



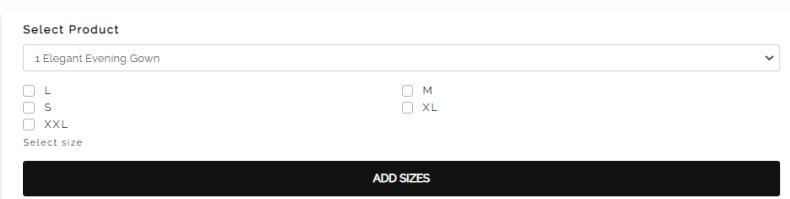
Omogućeno mu je dodavanje novog proizvoda, gde unosi ili bira sve neophodne informacije. Ovaj proizvod i dalje neće biti prikazan, sve dok se unesu cena i veličina za proizvod.

### Add sizes for product

Select Product  
1 Elegant Evening Gown

L       M  
 S       XL  
Select size

**ADD SIZES**



Omogućeno dodavanje veličina za novi proizvod.

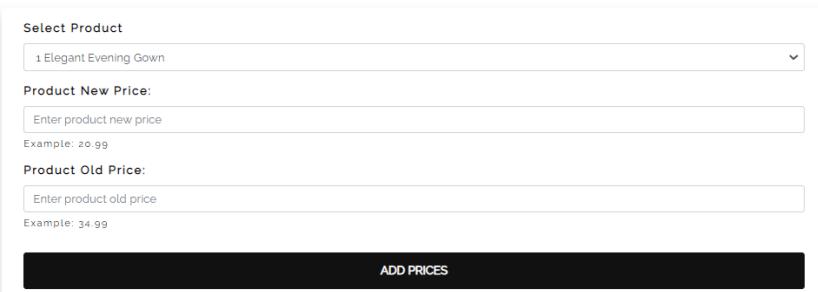
### Add prices for product

Select Product  
1 Elegant Evening Gown

Product New Price:  
Enter product new price  
Example: 20.99

Product Old Price:  
Enter product old price  
Example: 34.99

**ADD PRICES**



Omogućeno dodavanje cena za novi proizvod.

Upload image:

Choose png image:

Choose File No file chosen

**UPLOAD**

Omogućen upload slike za proizvod.

Delete product

Select Product

1 Elegant Evening Gown

**DELETE PRODUCT**

Omogućeno brisanje proizvoda.

Users:

First name: Username: Email:

Admin	Admin	admin@gmail.com
User	User	user@gmail.com
Novi	Novi	novi@gmail.com
Novooo	novo	novo@gmail.com
Novi	novii	novinalog@gmail.com
Lazar	novi	novinalogg@gmail.com
Lazar	lakilazic	lakilazic@gmail.com

Kratak uvid o svim korisnicima na sajtu, ovde je moglo bilo šta od informacija, ali ovo je više prezentaciono predstavljeno.

Contact messages:

First name: Email: Message:

Laki	laki@gmail.com	Ovo je neka porukica lagana
Nebitno	nebitno@gmail.com	Message here

Uvid o porukama sa contact stranice.

## Poll.php

Accessory Poll

What's your go-to accessory for completing an outfit?

- Statement earrings
- A stylish scarf
- A statement necklace
- A classic watch
- A trendy belt

Please select

**VOTE**

### Help Us Improve Your Shopping Experience

Your feedback is important to us! By answering this poll, you can help us understand what you like and what you do not like about our fashion site. We want to make sure that we are providing the best possible experience for our users, and your input can help us achieve that. Thank you for taking the time to share your thoughts with us!

Ukoliko se radi o korisniku, imaće pravo da glasa na trenutno aktivnu anketu.

Oops, it looks like you have already voted in this poll. Thank you for your participation!

Ima pravo da glasa samo jednom i ukoliko je već to uradio, izdaće mu se poruka o tome.

Accessory Poll

Question: What's your go-to accessory for completing an outfit?

Answers - User voted

Statement earrings - 0  
A stylish scarf - 0  
A statement necklace - 1  
A classic watch - 2  
A trendy belt - 1

Ukoliko se radi o adminu, on neće imati pravo da glasa, već će imati statistiku o trenutnoj anketi.

## Kodovi

### Config

#### Connection.php

```
<?php
    define("SERVER", "localhost");
    define("DATABASE", "id20742129_luxefashion");
    define("USERNAME", "id20742129_root");
    define("PASSWORD", "LuxeFashion1!");
    try {
        $conn = new PDO("mysql:host=".SERVER.";dbname=".DATABASE.";charset=utf8",
        USERNAME, PASSWORD);
        $conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
```

```

    $conn->setAttribute(PDO::ATTR_DEFAULT_FETCH_MODE, PDO::FETCH_OBJ);
}
catch (PDOException $e) {
echo "Connection failed: " . $e->getMessage();
}
?>

```

## Includes

### Footer.php

```

<?php
    require_once '../config/connection.php';
    require_once '../logic/functions.php';
?>
<footer class="pt-5">
    <div class="container">
        <div class="row d-flex justify-content-around">
            <div class="col-md-4 col-12 mb-md-0 mb-3">
                <h3 class="mb-4">Luxe Fashion</h3>
                <p class="text-md-left text-center">Shop with confidence - easy returns and fast shipping.</p>
                <ul class="mt-4 d-flex justify-content-md-start justify-content-center text-center list-social">
                    <?php
                        $navigation = navigationSelect();
                        if($navigation) {
                            foreach ($navigation as $navItem) {
                                if($navItem -> navigation_group_name == 'social') {
                                    if($navItem -> navigation_title == 'instagram') {
                                        echo '<li class="mr-2"><a href="'. $navItem -> navigation_href.'" target="_blank"><i class="fa-brands fa-square-' . $navItem -> navigation_title.'"></i></a></li>';
                                    }
                                    else {
                                        echo '<li class="mr-2"><a href="'. $navItem -> navigation_href.'" target="_blank"><i class="fa-brands fa-' . $navItem -> navigation_title.'"></i></a></li>';
                                    }
                                }
                            }
                        else {
                            echo 'Sorry, there are currently no navigation links available.';
                        }
                    ?>
                </ul>
            </div>
        </div>
    </div>
</footer>

```

```

<div class="col-md-4 col-sm-6 col-12">
    <h3 class="mb-4">Information</h3>
    <ul>
        <?php
            $navigation = navigationSelect();
            if($navigation) {
                foreach ($navigation as $navItem) {
                    if($navItem -> navigation_group_name ==
'navbar') {
                        echo '<li class="mb-2"><a href="'.$.navItem
-> navigation_href.'">'.$navItem -> navigation_title.'</a></li>';
                    }
                }
            } else {
                echo 'Sorry, there are currently no navigation
links available.';
            }
        ?>
    </ul>
</div>
<div class="col-md-4 col-sm-6 col-12">
    <h3 class="mb-4">Additional Links</h3>
    <ul>
        <?php
            $navigation = navigationSelect();
            if($navigation) {
                foreach ($navigation as $navItem) {
                    if($navItem -> navigation_group_name ==
'additional') {
                        if($navItem -> navigation_title ==
'Author') {
                            echo '<li class="mb-2"><a
href="'.$.navItem -> navigation_href.'" target="_blank">'.$navItem ->
navigation_title.'</a></li>';
                        } else {
                            echo '<li class="mb-2"><a
href="../'.$navItem -> navigation_href.'" target="_blank">'.$navItem ->
navigation_title.'</a></li>';
                        }
                    }
                }
            } else {
                echo 'Sorry, there are currently no navigation
links available.';
            }
        ?>
    </ul>
</div>

```

```

        ?>
    </ul>
</div>
</div>
<div class="row mt-3 pt-3 border-top">
    <div class="col-12">
        <p class="text-center copyright">
            <?php
                $currentYear = date("Y");
                echo '@ Copyright '. $currentYear . '. Web design and
development made by
                <a href="https://github.com/Lazar-X" target="_blank"
class="shop-now-link">Lazar Jankovic</a>.';
            ?>
        </p>
    </div>
</div>
</div>
</div>
</body>
</html>
```

## Head.php

```

<?php
$current_page = basename($_SERVER['PHP_SELF']);

if($current_page == 'index.php') {
    $title = 'Homepage';
    $description = 'Welcome to our online store! Browse our latest
collections and find great deals on fashion accessories.';
    $keywords = ['luxe fashion', 'products', 'online shopping',
'discounts', 'promotions'];
    $keywords = implode(', ', $keywords);
    $author = 'Lazar Jankovic';
}
if($current_page == 'about-us.php') {
    $title = 'About us';
    $description = 'Learn more about our company and our mission to
provide high-quality fashion products at affordable prices.';
```

```

$keywords = ['luxe fashion', 'mission', 'vision', 'team', 'values'];
$keywords = implode(', ', $keywords);
$author = 'Lazar Jankovic';
}
if($current_page == 'shop.php') {
    $title = 'Shop';
    $description = 'Explore our wide selection of fashion products and
find the perfect item to complete your outfit.';
    $keywords = ['luxe fashion', 'products', 'categories', 'prices',
'discounts'];
    $keywords = implode(', ', $keywords);
    $author = 'Lazar Jankovic';
}
if($current_page == 'contact.php') {
    $title = 'Contact';
    $description = 'Contact our customer support team to get help with
your orders, ask questions, or provide feedback.';
    $keywords = ['contact us', 'customer service', 'email', 'phone',
'address'];
    $keywords = implode(', ', $keywords);
    $author = 'Lazar Jankovic';
}
if($current_page == 'checkout.php') {
    $title = 'Checkout';
    $description = 'Securely checkout and complete your purchase with our
easy-to-use checkout process.';
    $keywords = ['checkout process', 'payment methods', 'shipping
options', 'order', 'summary'];
    $keywords = implode(', ', $keywords);
    $author = 'Lazar Jankovic';
}
if($current_page == 'single-product.php') {
    $title = 'Single Product';
    $description = 'Find detailed information about our latest fashion
products and make an informed purchase decision.';
    $keywords = ['product name', 'description', 'features', 'benefits',
'specifications'];
    $keywords = implode(', ', $keywords);
    $author = 'Lazar Jankovic';
}
if($current_page == 'cart.php') {
    $title = 'Cart';
    $description = 'View your shopping cart, review your items, and
prepare to complete your purchase.';
    $keywords = ['shopping cart', 'items', 'quantity', 'price', 'total'];
    $keywords = implode(', ', $keywords);
    $author = 'Lazar Jankovic';
}

```

```

if($current_page == 'author.php') {
    $title = 'Author';
    $description = 'Discover more about our talented author and explore their expertise in web development.';
    $keywords = ['lazar jankovic', 'books', 'publications', 'expertise', 'topics'];
    $keywords = implode(' ', $keywords);
    $author = 'Lazar Jankovic';
}
if($current_page == 'poll.php') {
    $title = 'Poll';
    $description = 'Participate in our latest poll and share your opinion on the latest fashion trends.';
    $keywords = ['poll question', 'options', 'results', 'opinions', 'survey'];
    $keywords = implode(' ', $keywords);
    $author = 'Lazar Jankovic';
}
if($current_page == 'login.php') {
    $title = 'Login';
    $description = 'Log in to your account and access your order history, wishlist, and other personal details.';
    $keywords = ['login page', 'username', 'password', 'email', 'log in'];
    $keywords = implode(' ', $keywords);
    $author = 'Lazar Jankovic';
}
if($current_page == 'register.php') {
    $title = 'Register';
    $description = 'Create a new account and start shopping for high-quality fashion accessories.';
    $keywords = ['register page', 'username', 'password', 'email', 'sign up'];
    $keywords = implode(' ', $keywords);
    $author = 'Lazar Jankovic';
}
if($current_page == 'user.php') {
    $title = 'User';
    $description = 'View your account details, update your profile, and manage your orders.';
    $keywords = ['user account', 'profile', 'settings', 'orders', 'history'];
    $keywords = implode(' ', $keywords);
    $author = 'Lazar Jankovic';
}
if($current_page == 'admin.php') {
    $title = 'Admin';
    $description = 'Log in to your administrator account and manage the backend of the website, including products, orders, and users.';
}

```

```

$keywords = [ 'admin dashboard', 'users', 'products', 'orders',
'reports' ];
$keywords = implode( ' ', $keywords );
$author = 'Lazar Jankovic';
}
echo '<!DOCTYPE html>
<html lang="en">
<head>
    <!-- Meta tags -->
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0"
/>
    <meta name="description" content="'. $description .'" />
    <meta name="keywords" content="'. $keywords .'" />
    <meta name="author" content="'. $author .'" />
    <!-- Title -->
    <title>Luxe Fashion | '. $title .'</title>
    <!-- Favicon -->
    <link rel="shortcut icon" href="../images/favicon.ico" type="image/x-
icon" />
    <!-- Bootstrap include -->
    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.3.1/dist/css/bootstrap.min.css"
integrity="sha384-
gg0yR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
crossorigin="anonymous" />
    <!-- Jquery include -->
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.4/jquery.min.js"></scrip
t>
    <!-- Javascript and css include -->
    <link rel="stylesheet" href="../css/style.css" />
    <script src="../js/main.js"></script>
    <!-- Font awesome include -->
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.4.0/css/all.min.css" integrity="sha512-
iecdLmaskl7CVkqkXNQ/ZH/XLlvWZOJyj7YY7tcenmpD1ypASozpmT/E0iPtmFIB46ZmdtAc9eNBvH
0H/ZpiBw==" crossorigin="anonymous" referrerPolicy="no-referrer" />
</head>
<body>';
?>
```

## Header.php

```

<header>
    <div class="container">
        <div class="row">
            <div class="col-12">
```

```

        <ul class="d-flex justify-content-md-end justify-content-
center pt-3">
            <?php
                if(isset($_SESSION['user'])) {
                    require_once '../config/connection.php';
                    require_once '../logic/functions.php';
                    $user = $_SESSION['user'];
                    $polls = activePollsSelect();
                    $activePolls = array_filter($polls,
function($poll) {
                        return $poll -> poll_active == 1;
                    });
                    if($activePolls) {
                        $currentDayOfYear = date('z');
                        $randomIndex = $currentDayOfYear %
count($activePolls);
                        $randomPoll = $activePolls[$randomIndex];
                        echo '<li class="ml-3"><a
href="poll.php?poll_id='.$randomPoll-> poll_id.'"><i class="fa-solid fa-
circle-question"></i> '.$randomPoll -> poll_name.'</a></li>';
                    }
                    else {
                        echo '<li class="mr-3 text-white">No active
polls</li>';
                    }
                    if($user -> role_name == 'admin') {
                        echo '<li class="ml-3"><a href="admin.php"><i
class="fa-solid fa-sliders"></i> Dashboard</a></li>';
                    }
                    if($user -> role_name == 'user') {
                        echo '<li class="ml-3"><a href="user.php"><i
class="fa-solid fa-user"></i> Profile</a></li>';
                    }
                    echo '<li class="ml-3"><a
href="../logic/logout.php"><i class="fa-solid fa-right-to-bracket"></i>
Logout</a></li>';
                }
                else {
                    echo '<li class="ml-3"><a href="login.php"><i
class="fa-solid fa-right-to-bracket"></i> Login</a></li>
<li class="ml-3"><a href="register.php"><i
class="fa-solid fa-right-to-bracket"></i> Register</a></li>';
                }
            ?>
        </ul>
    </div>
</div>
</div>

```

```

</header>
Navigation.php
<style>
<?php
    require_once '../config/connection.php';
    require_once '../logic/functions.php';
    if(isset($_SESSION['user'])) {
        $user = $_SESSION['user'];
        $numItems = countProductsFromCart($user -> user_id);
        echo '.cart-link::before {
            content: "'.$numItems.'";
        }';
    }
    else {
        echo '.cart-link::before {
            content: "";
            display: none;
        }.cart-link::after {
            content: "";
            display: none;
        }';
    }
?
</style>
<nav class="py-4">
    <div class="container">
        <div class="row align-items-md-center">
            <div class="col-md-3 col-10">
                <a href="index.php"><h1 class="font-weight-bold">Luxe
Fashion</h1></a>
            </div>
            <div id="menu" class="col-md-9 col-12">
                <div class="row">
                    <div class="col-md-11 col-12">
                        <ul class="d-flex justify-content-center pt-md-2 flex-
md-row flex-column align-items-center">
                            <?php
                                require_once '../config/connection.php';
                                require_once '../logic/functions.php';
                                $navigation = navigationSelect();
                                if($navigation) {
                                    foreach ($navigation as $navItem) {
                                        if($navItem -> navigation_group_name
== 'navbar') {
                                            echo '<li class="ml-3"><a
href="'.$navItem -> navigation_href.'">'.$navItem ->
navigation_title.'</a></li>';
                                        }
                                    }
                                }
                            </ul>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>
</nav>

```

```

        }
    }
    else {
        echo 'Sorry, there are currently no
navigation links available.';
    }
}
?>
</ul>
</div>
<div class="col-md-1 col-12 d-flex justify-content-center
align-items-center">
    <a href="cart.php" class="cart-link"><i class="fa-
solid fa-cart-shopping"></i></a>
    </div>
</div>
</div>
<a href="#" id="toggle-button">
    <span class="bar"></span>
    <span class="bar"></span>
    <span class="bar"></span>
</a>
</div>
</div>
</nav>
```

## Services.php

```

<?php
echo '<div id="services">
<div class="container">
    <div class="row py-5">
        <div class="col-md-3 col-6">
            <div class="service text-center">
                <i class="fa-solid fa-truck"></i>
                <p class="mt-3">Free Shipping</p>
            </div>
        </div>
        <div class="col-md-3 col-6">
            <div class="service text-center">
                <i class="fa-solid fa-rotate-left"></i>
                <p class="mt-3">Free Returns</p>
            </div>
        </div>
        <div class="col-md-3 col-6">
            <div class="service text-center">
                <i class="fa-solid fa-circle-question"></i>
                <p class="mt-3">Customer Support</p>
            </div>
        </div>
        <div class="col-md-3 col-6">
```

```

        <div class="service text-center">
            <i class="fa-solid fa-clock"></i>
            <p class="mt-3">Delivery On Time</p>
        </div>
    </div>
</div>';
?>
```

## Logic

### AddPrices.php

```

<?php
    header('Content-type: application/json');
    if(isset($_POST['button'])) {
        require_once '../config/connection.php';
        require_once 'functions.php';
        try {
            $productId = $_POST['productId'];
            $productPriceNew = $_POST['productPriceNew'];
            $productPriceOld = $_POST['productPriceOld'];

            $errorCounter = 0;
            $response = '';
            $statusCode = '';

            $regexPrice = '/^\d+(?:\.\d{1,2})?$/';

            if(!preg_match($regexPrice, $productPriceNew)) {
                $errorCounter++;
            }
            if($errorCounter != 0) {
                $response = ['message' => 'Sorry, there seems to be an issue
with your data. Please ensure that all fields are entered correctly and try
again.'];
                $statusCode = 422;
            }
            else {
                $prices = tableSelectByColumnValue('prices', 'product_id',
$productId);
                if($prices) {
                    $response = ['message' => 'The product already has its
price!'];
                    $statusCode = 409;
                }
                else {
                    $priceInsertNew = priceInsertNew($productId,
$productPriceNew);
                    if($priceInsertNew) {
```

```

        if($productPriceOld !== '') {
            $priceInsertOld = priceInsertOld($productId,
$productPriceNew, $productPriceOld);
        }
        $response = ['message' => 'Success! Price has been
added to the product.'];
        $statusCode = 201;
    }
    else {
        $response = ['message' => 'Oops! Something went wrong
on our end and we are unable to complete your request at this time. Please try
again later or contact our support team for assistance.'];
        $statusCode = 500;
    }
}
echo json_encode($response);
http_response_code($statusCode);
}
catch (PDOException $ex) {
    http_response_code(500);
}
}
?>
```

## AddProduct.php

```

<?php
header('Content-type: application/json');
if(isset($_POST['button'])) {
    require_once '../config/connection.php';
    require_once 'functions.php';
    try {
        $productName = $_POST['productName'];
        $productImage = $_POST['productImage'];
        $productDescription = $_POST['productDescription'];
        $categoryId = $_POST['categoryId'];
        $brandId = $_POST['brandId'];
        $colorId = $_POST['colorId'];
        $genderId = $_POST['genderId'];

        $regexText = '/^[\a-zA-Z]{1,50}$/';
        $regexDesc = '/^[\a-zA-Z0-9\s\.,-]{0,500}$/';

        $errorCounter = 0;
        $response = '';
        $statusCode = '';

        if(!preg_match($regexText, $productName)) {
```

```

        $errorCounter++;
    }
    if(!preg_match($regexText, $productImage)) {
        $errorCounter++;
    }
    if(!preg_match($regexDesc, $productDescription)) {
        $errorCounter++;
    }

    if($errorCounter != 0) {
        $response = ['message' => 'Sorry, there seems to be an issue
with your data. Please ensure that all fields are entered correctly and try
again.'];
        $statusCode = 422;
    }
    else {
        $productNameBase = tableSelectByColumnValue('products',
'product_name', $productName);
        $productImageBase = tableSelectByColumnValue('products',
'product_image', $productImage);
        if($productNameBase) {
            $response = ['message' => 'Product with this name already
exists!'];
            $statusCode = 409;
        }
        else if($productImageBase) {
            $response = ['message' => 'Product with this image already
exists!'];
            $statusCode = 409;
        }
        else {
            $productInsert = productInsert($productName,
$productDescription, $productImage, $categoryId, $brandId, $colorId,
$genderId);
            if($productInsert) {
                $response = ['message' => 'Success! Product has been
added to the database.'];
                $statusCode = 201;
            }
            else {
                $response = ['message' => 'Oops! Something went wrong
on our end and we are unable to complete your request at this time. Please try
again later or contact our support team for assistance.'];
                $statusCode = 500;
            }
        }
    }
}

```

```

        echo json_encode($response);
        http_response_code($statusCode);
    }
    catch (PDOException $ex) {
        http_response_code(500);
    }
}
?>

```

## AddSizes.php

```

<?php
    header('Content-type: application/json');
    if(isset($_POST['button'])) {
        require_once '../config/connection.php';
        require_once 'functions.php';
        try {
            $productId = $_POST['productId'];
            $sizeIds = $_POST['sizeIds'];

            $errorCounter = 0;
            $response = '';
            $statusCode = '';

            if(count($sizeIds) == 0) {
                $errorCounter++;
            }
            if($errorCounter != 0) {
                $response = ['message' => 'Sorry, there seems to be an issue
with your data. Please ensure that all fields are entered correctly and try
again.'];
                $statusCode = 422;
            }
            else {
                foreach ($sizeIds as $sizeId) {
                    $sizeInsert = insertSizes($productId, $sizeId);
                }
                $sizeInserts = true;
                if($sizeInserts) {
                    $response = ['message' => 'Success! Sizes has been added
to the database.'];
                    $statusCode = 201;
                }
                else {
                    $response = ['message' => 'Oops! Something went wrong on
our end and we are unable to complete your request at this time. Please try
again later or contact our support team for assistance.'];
                    $statusCode = 500;
                }
            }
        }
    }

```

```

        echo json_encode($response);
        http_response_code($statusCode);
    }
    catch (PDOException $ex) {
        http_response_code(500);
    }
}
?>

```

### AddToCart.php

```

<?php
header('Content-type: application/json');
if(isset($_POST['button'])) {
    require_once '../config/connection.php';
    require_once 'functions.php';
    try {
        $userId = $_POST['userId'];
        $productId = $_POST['productId'];
        $quantity = $_POST['quantity'];

        $errorCounter = 0;
        $response = '';
        $statusCode = '';

        $productInCart = productInCart($productId, $userId);
        if($productInCart) {
            $response = ['message' => 'Product already in cart!'];
            $statusCode = 409;
        }
        else {
            $addProductToCart = addToCart($quantity, $productId, $userId);
            if($addProductToCart) {
                $response = ['message' => 'Success! Product has been added
to the cart.'];
                $statusCode = 201;
            }
            else {
                $response = ['message' => 'Oops! Something went wrong on
our end and we are unable to complete your request at this time. Please try
again later or contact our support team for assistance.'];
                $statusCode = 500;
            }
        }
        echo json_encode($response);
        http_response_code($statusCode);
    }
    catch (PDOException $ex) {

```

```

        http_response_code(500);
    }
}
?>
CheckoutForm.php
<?php
header('Content-type: application/json');
if(isset($_POST['button'])) {
    require_once '../config/connection.php';
    require_once 'functions.php';
    try {
        $name = $_POST['name'];
        $email = $_POST['email'];
        $phone = $_POST['phone'];
        $countryId = $_POST['countryId'];
        $address = $_POST['address'];
        $postcode = $_POST['postcode'];
        $price = $_POST['price'];
        $userId = $_POST['userId'];

        $countries = tableSelectAll('countries');
        $countryIds = array();
        foreach ($countries as $country) {
            $countryIds[] = $country -> country_id;
        }

        $regexName = '/^([A-Z][a-z]{2,19})( [A-Z][a-z]{2,19})*$/';
        $regexEmail = '/^([a-zA-Z0-9._%+-]{1,64})@([a-zA-Z0-9.-]+)\.([a-zA-Z]{2,})$/';
        $regexPhone = '/^(\d{6,14})$/';
        $regexAddress = "/^[\w\s.,'-]{5,50}$/i";
        $regexPostcode = '/^([a-zA-Z0-9\s-]{3,12})$/';

        $errorCounter = 0;
        $response = '';
        $statusCode = '';

        if(!preg_match($regexName, $name)) {
            $errorCounter++;
        }
        if(!preg_match($regexEmail, $email)) {
            $errorCounter++;
        }
        if(!preg_match($regexPhone, $phone)) {
            $errorCounter++;
        }
        if(!preg_match($regexAddress, $address)) {
            $errorCounter++;
        }
    }
}

```

```

        }
        if(!in_array($countryId, $countryIds)) {
            $errorCounter++;
        }
        if(!preg_match($regexPostcode, $postcode)) {
            $errorCounter++;
        }
        if($price == 0) {
            $response = ['message' => 'Sorry, but it looks like you have
no products in cart.'];
            $statusCode = 422;
        }
        else if($errorCounter != 0) {
            $response = ['message' => 'Sorry, there seems to be an issue
with your data. Please ensure that all fields are entered correctly and try
again.'];
            $statusCode = 422;
        }
        else {
            $user = tableSelectByColumnValue('users', 'user_email',
$email);
            $userId = $user -> user_id;
            $orderInsert = orderInsert($price, $address, $postcode,
$countryId, $userId);
            if($orderInsert) {
                $deleteProducts = deleteRow('carts', 'user_id', $userId);
                $response = ['message' => 'Your order has been
successfully processed and will be shipped to the address you provided.'];
                $statusCode = 201;
            }
            else {
                $response = ['message' => 'Oops! Something went wrong on
our end and we are unable to complete your request at this time. Please try
again later or contact our support team for assistance.'];
                $statusCode = 500;
            }
        }
    }

    echo json_encode($response);
    http_response_code($statusCode);
}
catch (PDOException $ex) {
    http_response_code(500);
}
}

?>

```

ContactForm.php

```
<?php
```

```

header('Content-type: application/json');
if(isset($_POST['button'])) {
    require_once '../config/connection.php';
    require_once 'functions.php';
    try {
        $name = $_POST['name'];
        $email = $_POST['email'];
        $message = $_POST['message'];

        $regexName = '/^([A-Z][a-z]{2,19})( [A-Z][a-z]{2,19})*/';
        $regexEmail = '/^([a-zA-Z0-9._%+-]{1,64})@([a-zA-Z0-9.-]+)\.([a-zA-Z]{2,})$/';
        $regexMessage = '/^([A-Z][\w\s\d.,!?-]{9,149})$/i';

        $errorCounter = 0;
        $response = '';
        $statusCode = '';

        if(!preg_match($regexName, $name)) {
            $errorCounter++;
        }
        if(!preg_match($regexEmail, $email)) {
            $errorCounter++;
        }
        if(!preg_match($regexMessage, $message)) {
            $errorCounter++;
        }

        if($errorCounter != 0) {
            $response = ['message' => 'Sorry, there seems to be an issue with your data. Please ensure that all fields are entered correctly and try again.'];
            $statusCode = 422;
        }
        else {
            $contactInsert = contactInsert($name, $email, $message);
            if($contactInsert) {
                $response = ['message' => 'Your message has been sent to our administrators and someone will get back to you as soon as possible at the email address you provided.'];
                $statusCode = 201;
            }
            else {
                $response = ['message' => 'Oops! Something went wrong on our end and we are unable to complete your request at this time. Please try again later or contact our support team for assistance.'];
                $statusCode = 500;
            }
        }
    }
}

```

```

        }

        echo json_encode($response);
        http_response_code($statusCode);
    }
    catch (PDOException $ex) {
        http_response_code(500);
    }
}

?>

```

## DeleteFromCart.php

```

<?php
header('Content-type: application/json');
if(isset($_POST['button'])) {
    require_once '../config/connection.php';
    require_once 'functions.php';
    try {
        $userId = $_POST['userId'];
        $productId = $_POST['productId'];

        $errorCounter = 0;
        $response = '';
        $statusCode = '';

        $productInCart = productInCart($productId, $userId);
        if($productInCart) {
            $deleteProductFromCart = deleteFromCart($userId, $productId);
            if($deleteProductFromCart) {
                $products = selectProductsFromCart($userId);
                $response = array($products, $deleteProductFromCart);
                $statusCode = 200;
            }
            else {
                $response = ['message' => 'Oops! Something went wrong on
our end and we are unable to complete your request at this time. Please try
again later or contact our support team for assistance.'];
                $statusCode = 500;
            }
        }
        else {
            $response = ['message' => 'Product is not in cart!'];
            $statusCode = 409;
        }
    }

    echo json_encode($response);
    http_response_code($statusCode);
}
catch (PDOException $ex) {

```

```

        http_response_code(500);
    }
}
?>
DeleteProduct.php
<?php
    header('Content-type: application/json');
    if(isset($_POST['button'])) {
        require_once '../config/connection.php';
        require_once 'functions.php';
        try {
            $productId = $_POST['productId'];

            $response = '';
            $statusCode = '';

            $productDelete = deleteRow('products', 'product_id', $productId);
            if($productDelete) {
                $response = ['message' => 'Success! Product has been deleted from database.'];
                $statusCode = 202;
            }
            else {
                $response = ['message' => 'Oops! Something went wrong on our end and we are unable to complete your request at this time. Please try again later or contact our support team for assistance.'];
                $statusCode = 500;
            }

            echo json_encode($response);
            http_response_code($statusCode);
        }
        catch (PDOException $ex) {
            http_response_code(500);
        }
    }
?>
```

### FilterProducts.php

```

<?php
    header('Content-type: application/json');
    if($_SERVER['REQUEST_METHOD'] == 'POST') {
        require_once '../config/connection.php';
        require_once 'functions.php';
        try {
            $categoryIds = $_POST['categoryIds'];
            $brandIds = $_POST['brandIds'];
            $colorIds = $_POST['colorIds'];
            $genderIds = $_POST['genderIds'];
```

```

$discountIds = $_POST['discountIds'];
$discountId = array_values($discountIds)[0];
$search = $_POST['search'];
$sort = $_POST['sort'];

$categories = tableSelectAll('categories');
$categoryIdsBase = array();
foreach ($categories as $c) {
    $categoryIdsBase[] = $c -> category_id;
}
$errorCounter = 0;
$statusCode = '';
foreach ($categoryIds as $categoryId) {
    if(!in_array($categoryId, $categoryIdsBase)) {
        $errorCounter++;
    }
}
if($errorCounter != 0) {
    $statusCode = 422;
}

$products = filterProducts($categoryIds, $brandIds, $genderIds,
$coldorIds, $discountId, $search, $sort);
$statusCode = 200;

$averageRatings = array();
$productIds = array();
foreach ($products as $product) {
    $avgRatingProduct = averageRatingProduct($product ->
product_id);
    $avgValue = round($avgRatingProduct -> average_rating);
    $averageRatings[] = $avgValue;
    $productIds[] = $product -> product_id;
}

$response = array($products, $averageRatings, $productIds);

echo json_encode($response);
http_response_code($statusCode);
}

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

?>

```

## Functions.php

```
<?php
    // fetchAll from table with column value
```

```

function tableSelectAllByColumnName($tableName, $columnName,
$columValue) {
    global $conn;
    $query = "SELECT * FROM $tableName WHERE $columnName = :columValue";

    $prepare = $conn -> prepare($query);
    $prepare -> bindParam(':columValue', $columValue);

    $prepare -> execute();
    $result = $prepare -> fetchAll();
    return $result;
}

// fetch from table with column value
function tableSelectByColumnName($tableName, $columnName, $columValue) {
    global $conn;

    $query = "SELECT * FROM $tableName WHERE $columnName = :columValue";

    $prepare = $conn -> prepare($query);
    $prepare -> bindParam(':columValue', $columValue);

    $prepare -> execute();
    $result = $prepare -> fetch();
    return $result;
}

// fetchAll with table name
function tableSelectAll($tableName) {
    global $conn;
    $query = "SELECT * FROM $tableName";

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

    $prepare -> execute();
    $result = $prepare -> fetchAll();
    return $result;
}

// Delete row from table
function deleteRow($tableName, $columnName, $columValue) {
    global $conn;
    $query = "DELETE FROM $tableName WHERE $columnName = :columValue";

    $prepare = $conn -> prepare($query);
    $prepare -> bindParam(':columValue', $columValue);

    $result = $prepare -> execute();
}

```

```

        return $result;
    }

function countTable($tableName) {
    global $conn;

    $query = "SELECT COUNT(*) FROM $tableName";

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

    $prepare -> execute();
    $result = $prepare -> fetchColumn();
    return $result;
}

// To count products
function countProducts($columnName, $columnValue) {
    global $conn;

    $query = "SELECT COUNT(*) FROM products WHERE $columnName =
:columnValue";

    $prepare = $conn -> prepare($query);
    $prepare -> bindParam(':columnValue', $columnValue);

    $prepare -> execute();
    $result = $prepare -> fetchColumn();
    return $result;
}

// navigation select
function navigationSelect() {
    global $conn;

    $query = "SELECT * FROM navigation n JOIN navigation_group ng ON
n.navigation_group_id = ng.navigation_group_id";

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

    $prepare -> execute();
    $result = $prepare -> fetchAll();
    return $result;
}

function contactInsert($name, $email, $message) {
    global $conn;

```

```

    $query = "INSERT INTO contact(contact_name, contact_email,
contact_message, contact_created_at) VALUES(:contactName, :email,
:contactMessage, NOW())";

    $prepare = $conn -> prepare($query);
    $prepare -> bindParam(':contactName', $name);
    $prepare -> bindParam(':email', $email);
    $prepare -> bindParam(':contactMessage', $message);

    $result = $prepare -> execute();
    return $result;
}

function userInsert($firstName, $lastName, $username, $email,
$hashedPassword, $gender, $verificationCode, $roleId) {
    global $conn;

    $query = "INSERT INTO users(user_firstname, user_lastname,
user_username, user_email, user_password, gender_id, role_id,
user_verification_code, user_created_at, user_updated_at) VALUES(:firstName,
:lastName, :username, :email, :hashedPassword, :gender, :roleId,
:verificationCode, NOW(), NULL)";

    $prepare = $conn -> prepare($query);
    $prepare -> bindParam(':firstName', $firstName);
    $prepare -> bindParam(':lastName', $lastName);
    $prepare -> bindParam(':username', $username);
    $prepare -> bindParam(':email', $email);
    $prepare -> bindParam(':hashedPassword', $hashedPassword);
    $prepare -> bindParam(':gender', $gender);
    $prepare -> bindParam(':roleId', $roleId);
    $prepare -> bindParam(':verificationCode', $verificationCode);

    $result = $prepare -> execute();
    return $result;
}

function phoneInsert($userId, $phone) {
    global $conn;

    $query = "INSERT INTO phones(user_id, phone_number) VALUES(:userId,
:phone)";

    $prepare = $conn -> prepare($query);
    $prepare -> bindParam(':userId', $userId);
    $prepare -> bindParam(':phone', $phone);

    $result = $prepare -> execute();
}

```

```

        return $result;
    }

function userSelect($username, $hashedPassword) {
    global $conn;

    $query = "SELECT * FROM users u JOIN roles r ON u.role_id = r.role_id
WHERE u.user_username = :username AND u.user_password = :hashedPassword";

    $prepare = $conn -> prepare($query);
    $prepare -> bindParam(':username', $username);
    $prepare -> bindParam(':hashedPassword', $hashedPassword);

    $prepare -> execute();
    $result = $prepare -> fetch();
    return $result;
}

function userUpdateSelect($userId) {
    global $conn;

    $query = "SELECT * FROM users u JOIN roles r ON u.role_id = r.role_id
WHERE u.user_id = :userId";

    $prepare = $conn -> prepare($query);
    $prepare -> bindParam(':userId', $userId);

    $prepare -> execute();
    $result = $prepare -> fetch();
    return $result;
}

function verifyUser($username, $verificationCode) {
    global $conn;

    $query = "UPDATE users SET user_verified = 1 WHERE user_username =
$username AND user_verification_code = :verificationCode";

    $prepare = $conn -> prepare($query);
    $prepare -> bindParam(':username', $username);
    $prepare -> bindParam(':verificationCode', $verificationCode);

    $prepare -> execute();
    $result = $prepare -> fetch();
    return $result;
}

function updateUser($userId, $firstName, $lastName) {

```

```

global $conn;

$query = "UPDATE users SET user_firstname = :firstName, user_lastname
= :lastName, user_updated_at = NOW() WHERE user_id = :userId";

$prepare = $conn -> prepare($query);
$prepare -> bindParam(':firstName', $firstName);
$prepare -> bindParam(':lastName', $lastName);
$prepare -> bindParam(':userId', $userId);

$result = $prepare -> execute();
return $result;
}

function orderInsert($orderPrice, $orderAddress, $orderPostcode,
$countrId, $userId) {
    global $conn;

$query = "INSERT INTO orders(order_price, order_address,
order_postcode, order_created_at, country_id, user_id) VALUES(:orderPrice,
:orderAddress, :orderPostcode, NOW(), :countrId, :userId)";

$prepare = $conn -> prepare($query);
$prepare -> bindParam(':orderPrice', $orderPrice);
$prepare -> bindParam(':orderAddress', $orderAddress);
$prepare -> bindParam(':orderPostcode', $orderPostcode);
$prepare -> bindParam(':countrId', $countrId);
$prepare -> bindParam(':userId', $userId);

$result = $prepare -> execute();
return $result;
}

function activePollsSelect() {
    global $conn;
$query = "SELECT * FROM polls WHERE poll_active = 1";

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

$prepare -> execute();
$result = $prepare -> fetchAll();
return $result;
}

function activePollSelect($pollId) {
    global $conn;

```

```

        $query = "SELECT * FROM polls WHERE poll_id = :pollId AND poll_active
= 1";

        $prepare = $conn -> prepare($query);
        $prepare -> bindParam(':pollId', $pollId);

        $prepare -> execute();
        $result = $prepare -> fetch();
        return $result;
    }

    function userVoted($userId, $questionId) {
        global $conn;

        $query = "SELECT * FROM poll_user_answers WHERE user_id = :userId AND
question_id = :questionId";

        $prepare = $conn -> prepare($query);
        $prepare -> bindParam(':userId', $userId);
        $prepare -> bindParam(':questionId', $questionId);

        $prepare -> execute();
        $result = $prepare -> fetch();
        return $result;
    }

    function insertUserPollAnswer($pollUserId, $pollQuestionId, $pollAnswerId)
{
    global $conn;

    $query = "INSERT INTO poll_user_answers(user_id, question_id,
answer_id) VALUES(:pollUserId, :pollQuestionId, :pollAnswerId)";

    $prepare = $conn -> prepare($query);
    $prepare -> bindParam(':pollUserId', $pollUserId);
    $prepare -> bindParam(':pollQuestionId', $pollQuestionId);
    $prepare -> bindParam(':pollAnswerId', $pollAnswerId);

    $result = $prepare -> execute();
    return $result;
}

    function userVotedForQuestion($questionId) {
        global $conn;

        $query = "SELECT answer_id, COUNT(*) as vote_count
FROM poll_user_answers
WHERE question_id = :questionId"

```

```

        GROUP BY answer_id";

$prepare = $conn -> prepare($query);
$prepare -> bindParam(':questionId', $questionId);

$prepare -> execute();
$result = $prepare -> fetchAll();
return $result;
}

function selectMinimumPrice() {
    global $conn;

$query = "SELECT MIN(price_new) as min_price FROM prices";

$prepare = $conn -> prepare($query);
$prepare -> execute();
$result = $prepare -> fetch();
return $result;
}

function selectMaximumPrice() {
    global $conn;

$query = "SELECT MAX(price_new) as max_price FROM prices";

$prepare = $conn -> prepare($query);
$prepare -> execute();
$result = $prepare -> fetch();
return $result;
}

function selectAllProducts($limit = 0) {
    global $conn;

$query = "SELECT DISTINCT * FROM products p
JOIN categories c ON p.category_id = c.category_id
JOIN brands b ON p.brand_id = b.brand_id
JOIN colors col ON p.color_id = col.color_id
JOIN genders g ON p.gender_id = g.gender_id
JOIN prices pr ON p.product_id = pr.product_id
LIMIT :limit, 9";

$prepare = $conn -> prepare($query);
$limit = ((int) $limit * 9);
$prepare -> bindParam(':limit', $limit, PDO::PARAM_INT);

$prepare -> execute();
}

```

```

$result = $prepare -> fetchAll();
return $result;
}

function productsNumber() {
    global $conn;
    $query = "SELECT COUNT(*) AS productNumber FROM products";
    $result = $conn -> query($query) -> fetch();
    return $result;
}

function pageNumber() {
    $productNumber = productsNumber();
    $pageNumber = ceil($productNumber -> productNumber / 9);
    return $pageNumber;
}

function selectProductById($productId) {
    global $conn;

    $query = "SELECT * FROM products p
    JOIN categories c ON p.category_id = c.category_id
    JOIN brands b ON p.brand_id = b.brand_id
    JOIN colors col ON p.color_id = col.color_id
    JOIN genders g ON p.gender_id = g.gender_id
    JOIN product_sizes ps ON p.product_id = ps.product_id
    JOIN sizes s ON s.size_id = ps.size_id
    JOIN prices pr ON p.product_id = pr.product_id
    WHERE p.product_id = :productId";

    $prepare = $conn -> prepare($query);
    $prepare -> bindParam(':productId', $productId);

    $prepare -> execute();
    $result = $prepare -> fetch();
    return $result;
}

function averageRatingProduct($productId) {
    global $conn;

    $query = 'SELECT AVG(rv.rating_values_id) AS average_rating FROM
    ratings r
    JOIN rating_values rv ON r.rating_values_id = rv.rating_values_id
    WHERE r.product_id = :productId';

    $prepare = $conn -> prepare($query);
    $prepare -> bindParam(':productId', $productId);
}

```

```

    $prepare -> execute();
    $result = $prepare -> fetch();
    return $result;
}

function filterProducts($categoryIds, $brandIds, $genderIds, $colorIds,
$discountId, $search, $sort, $limit = 0) {
    global $conn;

    $where = "";
    $queryHelp = "";

    if(!empty($categoryIds)) {
        $queryHelp = "p.category_id IN (" . implode(", ", $categoryIds) . ")";
    }
    if(!empty($where)){
        $where .= " AND $queryHelp";
    }
    else {
        $where .= " WHERE $queryHelp";
    }
    if(!empty($brandIds)) {
        $queryHelp = "p.brand_id IN (" . implode(", ", $brandIds) . ")";
    }
    if(!empty($where)){
        $where .= " AND $queryHelp";
    }
    else {
        $where .= " WHERE $queryHelp";
    }
    if(!empty($genderIds)) {
        $queryHelp = "p.gender_id IN (" . implode(", ", $genderIds) . ")";
    }
    if(!empty($where)){
        $where .= " AND $queryHelp";
    }
    else {
        $where .= " WHERE $queryHelp";
    }
    if(!empty($colorIds)) {
        $queryHelp = "p.color_id IN (" . implode(", ", $colorIds) . ")";
    }
    if(!empty($where)){
        $where .= " AND $queryHelp";
    }
    else {
        $where .= " WHERE $queryHelp";
    }
}

```

```

    }
    if($discountId == 1) {
        $queryHelp = "pr.price_old IS NOT NULL";
    }
    if(!empty($where)){
        $where .= " AND $queryHelp";
    }
    else {
        $where .= " WHERE $queryHelp";
    }
    if(!empty($search)) {
        $queryHelp = "p.product_name LIKE CONCAT ('%', '$search', '%')";
    }
    if(!empty($where)){
        $where .= " AND $queryHelp";
    }
    else {
        $where .= " WHERE $queryHelp";
    }
    $orderBy = "";
    switch ($sort) {
        case 1:
            $orderBy = "ORDER BY p.product_name ASC";
            break;
        case 2:
            $orderBy = "ORDER BY p.product_name DESC";
            break;
        case 3:
            $orderBy = "ORDER BY pr.price_new ASC";
            break;
        case 4:
            $orderBy = "ORDER BY pr.price_new DESC";
            break;
        default:
            break;
    }
}

$query = "SELECT DISTINCT * FROM products p
JOIN categories c ON p.category_id = c.category_id
JOIN brands b ON p.brand_id = b.brand_id
JOIN genders g ON p.gender_id = g.gender_id
JOIN colors col ON p.color_id = col.color_id
JOIN prices pr ON p.product_id = pr.product_id
$where $orderBy
LIMIT :limit, 9";

$prepare = $conn -> prepare($query);
$limit = ((int) $limit * 9);

```

```

$prepare -> bindParam(':limit', $limit, PDO::PARAM_INT);

$prepare -> execute();
$result = $prepare -> fetchAll();
return $result;
}

function productInsert($productName, $productDescription, $productImage,
$categroyId, $brandId, $colorId, $genderId) {
global $conn;

$query = "INSERT INTO products (product_name, product_description,
product_image, product_created_at, product_updated_at, category_id, brand_id,
color_id, gender_id) VALUES (:productName, :productDescription, :productImage,
NOW(), NULL, :categroyId, :brandId, :colorId, :genderId)";

$prepare = $conn -> prepare($query);
$prepare -> bindParam(':productName', $productName);
$prepare -> bindParam(':productDescription', $productDescription);
$prepare -> bindParam(':productImage', $productImage);
$prepare -> bindParam(':categroyId', $categroyId);
$prepare -> bindParam(':brandId', $brandId);
$prepare -> bindParam(':colorId', $colorId);
$prepare -> bindParam(':genderId', $genderId);

$result = $prepare -> execute();
return $result;
}

function insertSizes($productId, $sizeId) {
global $conn;

$query = "INSERT INTO product_sizes (product_id, size_id) VALUES
(:productId, :sizeId)";

$prepare = $conn->prepare($query);
$prepare -> bindParam(':productId', $productId);
$prepare -> bindParam(':sizeId', $sizeId);

$result = $prepare->execute();
return $result;
}

function getProducts($categoryIds, $brandIds, $colorIds, $search,
$max_price, $order){
$where = "";
if(!empty($category)){
$queryString = "c.category_id IN ($category)";

```

```

if(!empty($where)){
$where .= " AND $queryString";
}
else {
$where .= "WHERE $queryString";
}
}

if(!empty($brand)){
$queryString = "b.brand_id IN ($brand)";
if(!empty($where)){
$where .= " AND $queryString";
}
else {
$where .= "WHERE $queryString";
}
}

if(!empty($color)){
$queryString = "cls.color_id IN ($color)";
if(!empty($where)){
$where .= " AND $queryString";
}
else {
$where .= "WHERE $queryString";
}
}

if(!empty($search)){
$queryString = "LOWER(product_title) LIKE '%$search%'";
if(!empty($where)){
$where .= " AND $queryString";
}
else {
$where .= "WHERE $queryString";
}
}

if(!empty($max_price)){
$queryString = "product_price < $max_price";
if(!empty($where)){
$where .= " AND $queryString";
}
else {
$where .= "WHERE $queryString";
}
}

if(!empty($order)){
$where .= " ORDER BY $order";
}

return selectQuery("products p JOIN categories c ON c.category_id =
p.catego

```

```

        ry_id JOIN brands b ON b.brand_id = p.brand_id JOIN colors cls ON
cls.color_id = p.color
        _id $where");
    }

function productsIdsFilter($ids, $columnName) {
global $conn;

$query = "SELECT * FROM products p
JOIN categories c ON p.category_id = c.category_id
JOIN brands b ON p.brand_id = b.brand_id
JOIN colors col ON p.color_id = col.color_id
JOIN genders g ON p.gender_id = g.gender_id
-- JOIN product_sizes ps ON p.product_id = ps.product_id
-- JOIN sizes s ON ps.size_id = s.size_id
-- JOIN ratings r ON p.product_id = r.product_id
-- JOIN rating_values rv ON r.rating_values_id = rv.rating_values_id
JOIN prices pr ON p.product_id = pr.product_id
-- WHERE p.category_id = :categoryId
WHERE p.$columnName IN (".implode(", ", $ids).")";

// $query = "SELECT * FROM products p JOIN categories c ON
p.category_id = c.category_id WHERE p.category_id = :categoryId";

$prepare = $conn -> prepare($query);
// $prepare -> bindParam(':categoryId', $categoryIds);

$prepare -> execute();
$result = $prepare -> fetchAll();
return $result;
}

function priceInsertNew($productId, $priceNew) {
global $conn;

$query = "INSERT INTO prices (product_id, price_new) VALUES
(:productId, :priceNew)";

$prepare = $conn->prepare($query);
$prepare -> bindParam(':productId', $productId);
$prepare -> bindParam(':priceNew', $priceNew);

$result = $prepare->execute();
return $result;
}

```

```

function priceInsertOld($productId, $priceNew, $priceOld) {
    global $conn;

    $query = "INSERT INTO prices (product_id, price_new, price_old) VALUES (:productId, :priceNew, :priceOld)";

    $prepare = $conn->prepare($query);
    $prepare -> bindParam(':productId', $productId);
    $prepare -> bindParam(':priceNew', $priceNew);
    $prepare -> bindParam(':priceOld', $priceOld);

    $result = $prepare->execute();
    return $result;
}

function productsForIndex() {
    global $conn;

    $query = "SELECT DISTINCT * FROM products p
JOIN categories c ON p.category_id = c.category_id
JOIN brands b ON p.brand_id = b.brand_id
JOIN colors col ON p.color_id = col.color_id
JOIN genders g ON p.gender_id = g.gender_id
JOIN prices pr ON p.product_id = pr.product_id
WHERE pr.price_old IS NOT NULL ORDER BY p.product_id ASC LIMIT 4";

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

    $prepare -> execute();
    $result = $prepare -> fetchAll();
    return $result;
}

function selectSizesForProduct($productId) {
    global $conn;

    $query = "SELECT DISTINCT ps.product_size_id, ps.product_id,
ps.size_id, s.size_name
FROM product_sizes ps
INNER JOIN sizes s ON ps.size_id = s.size_id
WHERE ps.product_id = :productId";

    $prepare = $conn -> prepare($query);
    $prepare -> bindParam(':productId', $productId);

    $prepare -> execute();
    $result = $prepare -> fetchAll();
    return $result;
}

```

```

}

function addToCart($quantity, $productId, $userId) {
    global $conn;
    $query = "INSERT INTO carts (cart_quantity, product_id, user_id)
VALUES (:quantity, :productId, :userId)";
    $prepare = $conn->prepare($query);
    $prepare -> bindParam(':quantity', $quantity);
    $prepare -> bindParam(':productId', $productId);
    $prepare -> bindParam(':userId', $userId);

    $result = $prepare->execute();
    return $result;
}

function productInCart($productId, $userId) {
    global $conn;
    $query = "SELECT * FROM carts WHERE product_id = :productId AND
user_id = :userId";

    $prepare = $conn -> prepare($query);
    $prepare -> bindParam(':productId', $productId);
    $prepare -> bindParam(':userId', $userId);

    $prepare -> execute();
    $result = $prepare -> fetch();
    return $result;
}

function selectProductsFromCart($userId) {
    global $conn;

    $query = "SELECT DISTINCT * FROM products p
JOIN carts c ON p.product_id = c.product_id
JOIN prices pr ON p.product_id = pr.product_id WHERE user_id =
:userId";

    $prepare = $conn -> prepare($query);
    $prepare -> bindParam(':userId', $userId);

    $prepare -> execute();
    $result = $prepare -> fetchAll();
    return $result;
}

function countProductsFromCart($userId) {
    global $conn;

```

```

$query = "SELECT COUNT(*) FROM carts WHERE user_id = :userId";

$prepare = $conn -> prepare($query);
$prepare -> bindParam(':userId', $userId);

$prepare -> execute();
$result = $prepare -> fetchColumn();
return $result;
}

function updateQuantity($quantity, $productId, $userId, $price) {
    global $conn;

    $query = "UPDATE carts SET cart_quantity = :quantity WHERE user_id = :userId AND product_id = :productId";
    $prepare = $conn->prepare($query);
    $prepare -> bindParam(':quantity', $quantity);
    $prepare -> bindParam(':productId', $productId);
    $prepare -> bindParam(':userId', $userId);

    $result = $prepare->execute();

    if($result) {
        $query = "SELECT SUM(c.cart_quantity * p.price_new) AS summary
FROM carts c
    JOIN prices p ON c.product_id = p.product_id
    WHERE c.user_id = :userId";
        $prepare = $conn->prepare($query);
        $prepare -> bindParam(':userId', $userId);
        $result = $prepare->execute();
        $result = $prepare->fetchColumn();
        return $result;
    }
}

function deleteFromCart($userId, $productId) {
    global $conn;
    $query = "DELETE FROM carts WHERE user_id = :userId AND product_id = :productId";

    $prepare = $conn -> prepare($query);
    $prepare -> bindParam(':userId', $userId);
    $prepare -> bindParam(':productId', $productId);

    $result = $prepare -> execute();

    if($result) {
}

```

```

        $query = "SELECT COALESCE(SUM(c.cart_quantity * p.price_new), 0)
AS summary FROM carts c
    JOIN prices p ON c.product_id = p.product_id
    WHERE c.user_id = :userId";
$prepare = $conn->prepare($query);
$prepare -> bindParam(':userId', $userId);
$result = $prepare->execute();
$result = $prepare->fetchColumn();
return $result;
}

}

function productVoted($userId, $productId) {
    global $conn;

    $query = "SELECT * FROM ratings WHERE user_id = :userId AND product_id
= :productId";

    $prepare = $conn -> prepare($query);
    $prepare -> bindParam(':userId', $userId);
    $prepare -> bindParam(':productId', $productId);

    $prepare -> execute();
    $result = $prepare -> fetch();
    return $result;
}

function insertRating($rating, $productId, $userId) {
    global $conn;
    $query = "INSERT INTO ratings (rating_values_id, product_id, user_id)
VALUES (:rating, :productId, :userId)";

    $prepare = $conn -> prepare($query);
    $prepare -> bindParam(':rating', $rating);
    $prepare -> bindParam(':productId', $productId);
    $prepare -> bindParam(':userId', $userId);

    $result = $prepare -> execute();
    return $result;
}

?>
```

## LoginForm.php

```
<?php
    session_start();
    header('Content-type: application/json');
    if(isset($_POST['button'])) {
        require_once '../config/connection.php';
```

```

require_once 'functions.php';
try {
    $username = $_POST['username'];
    $password = $_POST['password'];

    $regexUsername = '/^[\a-zA-Z0-9]{3,16}$/';
    $regexPassword = '/^(?=.*[A-Za-z])(?=.*\d)[A-Za-z\d]{8,16}$/';

    $errorCounter = 0;
    $response = '';
    $statusCode = '';

    if(!preg_match($regexUsername, $username)) {
        $errorCounter++;
    }
    if(!preg_match($regexPassword, $password)) {
        $errorCounter++;
    }

    if($errorCounter != 0) {
        $response = ['message' => 'Sorry, there seems to be an issue
with your data. Please ensure that all fields are entered correctly and try
again.'];
        $statusCode = 422;
    }
}

else {
    $hashedPassword = md5($password);

    $userObject = userSelect($username, $hashedPassword);

    if($userObject -> user_verified == 0) {
        $response = ['message' => 'not verified'];
        $statusCode = 200;
    }
    else {
        if($userObject) {
            $_SESSION['user'] = $userObject;
            $response = ['message' => 'Login successful!
Redirecting to home page...'];
            $statusCode = 200;
        }
        else {
            $response = ['message' => 'Sorry, the username or
password you entered is incorrect. Please try again.'];
            $statusCode = 401;
        }
    }
}

```

```

        }

        echo json_encode($response);
        http_response_code($statusCode);
    }
    catch (PDOException $ex) {
        http_response_code(500);
    }
}
?>

```

### Logout.php

```

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

```

### Pagination.php

```

<?php
    header('Content-type: application/json');
    if($_SERVER['REQUEST_METHOD'] == 'POST') {
        require_once '../config/connection.php';
        require_once 'functions.php';
        try {
            $limit = $_POST['limit'];
            $products = selectAllProducts($limit);
            $pageNumber = pageNumber();

            $errorCounter = 0;
            $response = '';
            $statusCode = 200;

            $averageRatings = array();
            $productIds = array();
            foreach ($products as $product) {
                $avgRatingProduct = averageRatingProduct($product ->
product_id);
                $avgValue = round($avgRatingProduct -> average_rating);
                $averageRatings[] = $avgValue;
                $productIds[] = $product -> product_id;
            }

            $response = array($products, $averageRatings, $productIds,
$pageNumber);

            echo json_encode($response);
            http_response_code($statusCode);
        }
    }
?>

```

```

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

```

## PollForm.php

```

<?php
    header('Content-type: application/json');
    if(isset($_POST['button'])) {
        require_once '../config/connection.php';
        require_once 'functions.php';
        try {
            $pollAnswerId = $_POST['pollAnswerId'];
            $pollUserId = $_POST['pollUserId'];
            $pollQuestionId = $_POST['pollQuestionId'];

            $users = tableSelectAll('users');
            $userIds = array();
            foreach ($users as $user) {
                $userIds[] = $user -> user_id;
            }

            $pollAnswers = tableSelectAll('poll_answers');
            $pollAnswerIds = array();
            foreach ($pollAnswers as $pollAnswer) {
                $pollAnswerIds[] = $pollAnswer -> poll_answer_id;
            }

            $pollQuestions = tableSelectAll('poll_questions');
            $pollQuestionIds = array();
            foreach ($pollQuestions as $pollQuestion) {
                $pollQuestionIds[] = $pollQuestion -> poll_question_id;
            }

            $errorCounter = 0;
            $response = '';
            $statusCode = '';

            if(!in_array($pollUserId, $userIds)) {
                $errorCounter++;
            }
            if(!in_array($pollAnswerId, $pollAnswerIds)) {
                $errorCounter++;
            }
            if(!in_array($pollQuestionId, $pollQuestionIds)) {
                $errorCounter++;
            }
        }
    }
}
?>

```

```

        if($errorCounter != 0) {
            $response = [ 'message' => 'Sorry, there seems to be an issue
with your data. Please ensure that all fields are entered correctly and try
again.' ];
            $statusCode = 422;
        }
        else {
            $insertUserPollAnswer = insertUserPollAnswer($pollUserId,
$pollQuestionId, $pollAnswerId);
            if($insertUserPollAnswer) {
                $response = [ 'message' => 'Success! Your vote has been
sent to the database. Redirecting to home page...' ];
                $statusCode = 201;
            }
            else {
                $response = [ 'message' => 'Oops! Something went wrong on
our end and we are unable to complete your request at this time. Please try
again later or contact our support team for assistance.' ];
                $statusCode = 500;
            }

            echo json_encode($response);
            http_response_code($statusCode);
        }
    }
    catch (PDOException $ex) {
        http_response_code(500);
    }
}
?>
```

## RateProduct.php

```

<?php
    header('Content-type: application/json');
    if(isset($_POST['button'])) {
        require_once '../config/connection.php';
        require_once 'functions.php';
        try {
            $productId = $_POST['productId'];
            $userId = $_POST['userId'];
            $rating = $_POST['rating'];

            $errorCounter = 0;
            $response = '';
            $statusCode = '';

            if($errorCounter != 0) {
```

```

        $response = ['message' => 'Sorry, there seems to be an issue
with your data. Please ensure that all fields are entered correctly and try
again.'];
        $statusCode = 422;
    }
    else {
        $productVoted = productVoted($userId, $productId);
        if($productVoted) {
            $response = ['message' => 'You have already rated this
product.'];
            $statusCode = 403;
        }
        else {
            $insertRating = insertRating($rating, $productId,
$userId);
            if($insertRating) {
                $response = ['message' => 'Success! You have rated
this product.'];
                $statusCode = 201;
            }
            else {
                $response = ['message' => 'Oops! Something went wrong
on our end and we are unable to complete your request at this time. Please try
again later or contact our support team for assistance.'];
                $statusCode = 500;
            }
        }
    }
}

echo json_encode($response);
http_response_code($statusCode);
}
catch (PDOException $ex) {
    http_response_code(500);
}
}
?>
```

## RegisterForm.php

```

<?php
header('Content-type: application/json');
if(isset($_POST['button'])) {
    require_once '../config/connection.php';
    require_once 'functions.php';
    try {
        $firstName = $_POST['firstName'];
        $lastName = $_POST['lastName'];
        $username = $_POST['username'];
        $email = $_POST['email'];
```

```

$password = $_POST['password'];
$retypePassword = $_POST['retypePassword'];
$gender = $_POST['gender'];
$phone = isset($_POST['phone']) ? $_POST['phone'] : '';

$genders = tableSelectAll('genders');
$genderIds = array();
foreach ($genders as $g) {
    $genderIds[] = $g -> gender_id;
}

$regexName = '/^([A-Z][a-z]{2,19})( [A-Z][a-z]{2,19})*$/';
$regexUsername = '/^([a-zA-Z0-9]{3,16})$/';
$regexEmail = '/^(([a-zA-Z0-9._%+-]{1,64})@([a-zA-Z0-9.-]+)\.([a-zA-Z]{2,}))$/';
$regexPassword = '/^(?=.*[A-Za-z])(?=.*\d)[A-Za-z\d]{8,16}$/';
$regexPhone = '/^\+(\?:[0-9].?){6,14}[0-9]$/';

$errorCounter = 0;
$response = '';
$statusCode = '';

if(!preg_match($regexName, $firstName)) {
    $errorCounter++;
}
if(!preg_match($regexName, $lastName)) {
    $errorCounter++;
}
if(!preg_match($regexUsername, $username)) {
    $errorCounter++;
}
if(!preg_match($regexEmail, $email)) {
    $errorCounter++;
}
if(!preg_match($regexPassword, $password)) {
    $errorCounter++;
}
if($retypePassword !== $password) {
    $errorCounter++;
}
if(!in_array($gender, $genderIds)) {
    $errorCounter++;
}
if($phone !== '') {
    if(!preg_match($regexPhone, $phone)) {
        $errorCounter++;
    }
}

```

```

        if($errorCounter != 0) {
            $response = [ 'message' => 'Sorry, there seems to be an issue
with your data. Please ensure that all fields are entered correctly and try
again.' ];
            $statusCode = 422;
        }
        else {
            $userUsername = tableSelectByColumnValue('users',
'user_username', $username);
            $userEmail = tableSelectByColumnValue('users', 'user_email',
$email);
            if($userUsername) {
                $response = [ 'message' => 'User with this username already
exists!'];
                $statusCode = 409;
            }
            else if($userEmail) {
                $response = [ 'message' => 'User with this email already
exists!'];
                $statusCode = 409;
            }
            else {
                $hashedPassword = md5($password);
                $verificationCode = rand(10000, 99999);
                $roleId = 1;

                $userInsert = userInsert($firstName, $lastName, $username,
$email, $hashedPassword, $gender, $verificationCode, $roleId);

                if($userInsert) {
                    if($phone !== '') {
                        $userId = $conn -> lastInsertId();
                        $phoneInsert = phoneInsert($userId, $phone);
                    }
                }

                $response = [ 'message' => 'Success! Your data has been
sent to the database.', 'verificationCode' => 'Your verification code that you
will need to input on your next login: ' . $verificationCode];
                $statusCode = 201;
            }
        }
    }

    else {
        $response = [ 'message' => 'Oops! Something went wrong
on our end and we are unable to complete your request at this time. Please try
again later or contact our support team for assistance.' ];
        $statusCode = 500;
    }
}

```

```

        }
    }

    echo json_encode($response);
    http_response_code($statusCode);
}
catch (PDOException $ex) {
    http_response_code(500);
}
}

?>

```

### UpdateQuantity.php

```

<?php
    header('Content-type: application/json');
    if(isset($_POST['button'])) {
        require_once '../config/connection.php';
        require_once 'functions.php';
        try {
            $userId = $_POST['userId'];
            $productId = $_POST['productId'];
            $quantity = $_POST['quantity'];
            $price = $_POST['price'];

            $errorCounter = 0;
            $response = '';
            $statusCode = '';

            $productInCart = productInCart($productId, $userId);
            if($productInCart) {
                $updateQuantity = updateQuantity($quantity, $productId,
$userId, $price);
                $response = $updateQuantity;
                $statusCode = 201;
            }
            else {
                $response = [ 'message' => 'Product already in cart!' ];
                $statusCode = 409;
            }
        }

        echo json_encode($response);
        http_response_code($statusCode);
    }
    catch (PDOException $ex) {
        http_response_code(500);
    }
}
?>

```

## UploadImage.php

```
<?php
    session_start();
    header('Content-type: application/json');
    if(isset($_POST['uploadButton'])) {
        require_once '../config/connection.php';
        require_once 'functions.php';
        try {
            $file = $_FILES['formFile'];
            var_dump($file);
            $fileName = $file['name'];
            $fileTmp = $file['tmp_name'];
            $fileSize = $file['size'];
            $fileType = $file['type'];
            $fileErrors = $file['error'];

            $errorCounter = 0;
            $response = '';
            $statusCode = '';

            if($fileErrors == 0) {
                if($fileType == 'image/png') {
                    $path = "../images/products/" . $fileName;
                    if(move_uploaded_file($fileTmp, $path)) {
                        $_SESSION['success'] = 'Image uploaded!';
                    }
                    else {
                        $_SESSION['error-upload'] = 'Something went wrong...';
                        $errorCounter++;
                    }
                }
                else {
                    $_SESSION['error-size'] = 'You need to upload image with
.png extension!';
                    $errorCounter++;
                }
            }
            else {
                $_SESSION['error'] = 'You need to upload image!';
                $errorCounter++;
            }

            header("Location: ../pages/admin.php");

            echo json_encode($response);
            http_response_code($statusCode);
        }
        catch (PDOException $ex) {
```

```

        http_response_code(500);
    }
}
?>
UserDataForm.php
<?php
session_start();
header('Content-type: application/json');
if(isset($_POST['button'])) {
    require_once '../config/connection.php';
    require_once 'functions.php';
    try {
        $firstName = $_POST['firstName'];
        $lastName = $_POST['lastName'];
        $userId = $_POST['userId'];
        $regexName = '/^([A-Z][a-z]{2,19})( [A-Z][a-z]{2,19})*/';
        $errorCounter = 0;
        $response = '';
        $statusCode = '';
        $users = tableSelectAll('users');
        $userIds = array();
        foreach ($users as $user) {
            $userIds[] = $user -> user_id;
        }
        if(!preg_match($regexName, $firstName)) {
            $errorCounter++;
        }
        if(!preg_match($regexName, $lastName)) {
            $errorCounter++;
        }
        if($errorCounter != 0) {
            $response = ['message' => 'Sorry, there seems to be an issue
with your data. Please ensure that all fields are entered correctly and try
again.'];
            $statusCode = 422;
        }
        else {
            $userUpdate = updateUser($userId, $firstName, $lastName);
            if($userUpdate) {
                $userObject = userUpdateSelect($userId);
                $_SESSION['user'] = $userObject;
                $response = ['message' => 'Success! Your data has been
updated! Refreshing page...'];
                $statusCode = 200;
            }
        }
    }
}

```

```

        $response = ['message' => 'Oops! Something went wrong on
our end and we are unable to complete your request at this time. Please try
again later or contact our support team for assistance.'];
        $statusCode = 500;
    }
}

echo json_encode($response);
http_response_code($statusCode);
}
catch (PDOException $ex) {
    http_response_code(500);
}
}

?>
```

### VerificationForm.php

```

<?php
session_start();
header('Content-type: application/json');
if(isset($_POST['button'])) {
    require_once '../config/connection.php';
    require_once 'functions.php';
    try {
        $username = $_POST['username'];
        $password = $_POST['password'];
        $verificationCode = $_POST['verificationCode'];

        $regexCode = '/^\d{5}$/';
        $regexUsername = '/^([a-zA-Z0-9]{3,16})$/';
        $regexPassword = '/^(?=.*[A-Za-z])(?=.*\d)[A-Za-z\d]{8,16}$/';

        $errorCounter = 0;
        $response = '';
        $statusCode = '';

        if(!preg_match($regexCode, $verificationCode)) {
            $errorCounter++;
        }
        if(!preg_match($regexUsername, $username)) {
            $errorCounter++;
        }
        if(!preg_match($regexPassword, $password)) {
            $errorCounter++;
        }

        if($errorCounter != 0) {
```

```

        $response = [ 'message' => 'Sorry, there seems to be an issue
with your data. Please ensure that all fields are entered correctly and try
again.' ];
        $statusCode = 422;
    }

else {
    $hashedPassword = md5($password);
    $userObject = userSelect($username, $hashedPassword);

    $userVerificationCode = $userObject -> user_verification_code;
    $userUsername = $userObject -> user_username;

    if($userVerificationCode == $verificationCode) {
        verifyUser($username, $userVerificationCode);
        $_SESSION[ 'user' ] = $userObject;
        $response = [ 'message' => 'Your account has been verified
successfully! Redirecting to home page...' ];
        $statusCode = 200;
    }
    else {
        $response = [ 'message' => 'Sorry, the verification code is
incorrect. Press Login and try again.' ];
        $statusCode = 401;
    }
}

echo json_encode($response);
http_response_code($statusCode);
}
catch (PDOException $ex) {
    http_response_code(500);
}
}
?>

```

## Pages

### About-us.php

```

<?php
session_start();
require_once '../includes/head.php';
require_once '../includes/header.php';
require_once '../includes/navigation.php';
?>
<!-- Main About us -->
<section id="main-about-us" class="py-5">
    <div class="container">
        <div class="row mb-lg-5 mb-2">
            <div class="offset-md-4 col-md-8 col-12 shadow">

```

```

        <p class="text-md-right text-left">Our story began with a
passion for fashion and a desire to create something unique. We saw a gap in
the market for a fashion store that catered to both style and quality. We
wanted to bring together the latest trends and high-end brands, and make them
accessible to everyone.</p>
        </div>
    </div>
<div class="row mb-lg-5 mb-2">
    <div class="col-md-8 col-12 shadow">
        <p class="text-left">We started small, with a small
storefront and a limited selection of products. But we were determined to
succeed and to build something special. We listened to our customers, learned
from our mistakes, and worked hard to grow our business.</p>
        </div>
    </div>
<div class="row mb-lg-5 mb-2">
    <div class="offset-md-3 col-md-6 col-12">
        
        </div>
    </div>
<div class="row mb-lg-5 mb-2">
    <div class="offset-md-3 col-md-9 col-12 shadow">
        <p class="text-md-right text-left">Over time, we expanded
our selection of products, added new brands and collections, and built a
strong online presence. We are proud of what we have accomplished and grateful
to our customers for their support. Check our <a href="shop.php" class="about-
us-link">shop</a>.</p>
        </div>
    </div>
<div class="row">
    <div class="col-md-8 col-12 shadow">
        <p class="text-left">We love hearing from our customers!
If you have any questions, comments, or concerns, please don't hesitate to
reach out to us. Our friendly and knowledgeable customer service team is
always ready to help you with anything you need. You can <a href="contact.php"
class="about-us-link">contact us</a> through our website or social media
channels, and we'll get back to you as soon as possible.</p>
        </div>
    </div>
</div>
</section>

<?php
    require_once '../includes/services.php';
    require_once '../includes/footer.php';
?>
```

## Admin.php

```
<?php
    session_start();
    require_once '../includes/head.php';
    require_once '../includes/header.php';
    require_once '../includes/navigation.php';
    if(isset($_SESSION['user'])) {
        $user = $_SESSION['user'];
        if($user -> role_name == 'admin') {
            $products = tableSelectAll('products');
            $categories = tableSelectAll('categories');
            $brands = tableSelectAll('brands');
            $colors = tableSelectAll('colors');
            $genders = tableSelectAll('genders');
            $sizes = tableSelectAll('sizes');
            $users = tableSelectAll('users');
            $messages = tableSelectAll('contact');

            echo '
                <div class="container py-5">
                    <div class="row">
                        <div class="col-12">
                            <h3 class="text-center font-weight-bold">Welcome
                            '.$user -> user_firstname.'</h3>
                        </div>
                    </div>
                    <div class="row my-3">
                        <div class="col-12">
                            <h3 class="font-weight-bold">Add product:</h3>
                        </div>
                    </div>
                    <div class="row shadow p-3">
                        <div class="col-12">
                            <form id="productForm">
                                <div class="form-group">
                                    <label for="productName" class="font-weight-
bold">Product Name:</label>
                                    <input type="text" class="form-control"
id="productName" placeholder="Enter product name">
                                    <small id="productNameHelp" class="form-
text">Example: Product</small>
                                </div>
                                <div class="form-group">
                                    <label for="productDescription">Product
Description:</label>
                                    <textarea class="form-control"
id="productDescription" rows="5" placeholder="Enter product
description"></textarea>
                                </div>
                            </form>
                        </div>
                    </div>
                </div>
            ';
        }
    }
}
```

```

        <small id="productDescriptionHelp"
class="form-text">Example: This is product description</small>
    </div>
    <div class="form-group">
        <label for="productImage" class="font-weight-
bold">Product Image:</label>
        <input type="text" class="form-control"
id="productImage" placeholder="Enter name of product image">
        <small id="productImageHelp" class="form-
text">Example: image</small>
    </div>
    <div class="form-group">
        <label for="category" class="font-weight-
bold">Select Category</label>
        <select class="form-control" id="category">;
        foreach ($categories as $category) {
            echo '<option value="'. $category ->
category_id.'"'. $category -> category_name.'</option>';
        }
        echo '</select>
    </div>
    <div class="form-group">
        <label for="brand" class="font-weight-
bold">Select Brand</label>
        <select class="form-control" id="brand">;
        foreach ($brands as $brand) {
            echo '<option value="'. $brand ->
brand_id.'"'. $brand -> brand_name.'</option>';
        }
        echo '</select>
    </div>
    <div class="form-group">
        <label for="color" class="font-weight-
bold">Select Color</label>
        <select class="form-control" id="color">;
        foreach ($colors as $color) {
            echo '<option value="'. $color ->
color_id.'"'. $color -> color_name.'</option>';
        }
        echo '</select>
    </div>
    <div class="form-group">
        <label for="gender" class="font-weight-
bold">Select Gender</label>
        <select class="form-control" id="gender">;
        foreach ($genders as $gender) {
            echo '<option value="'. $gender ->
gender_id.'"'. $gender -> gender_name.'</option>';
        }
    </div>

```

```

        }
        echo '</select>
    </div>

        <button type="button" id="addProductButton"
class="btn mt-3 button">Add product</button>
        <div id="response">
            <!-- <small id="contactInformation"
class="form-text text-success font-weight-bold"></small> -->
        </div>
    </form>
</div>
</div>
<div class="row my-3 mt-5">
    <div class="col-12">
        <h3 class="font-weight-bold">Add sizes for
product</h3>
        </div>
    </div>
    <div class="row shadow p-3">
        <div class="col-12">
            <form id="sizesForm">
                <div class="form-group">
                    <label for="product" class="font-weight-
bold">Select Product</label>
                    <select class="form-control" id="product">;
foreach ($products as $product) {
                echo '<option value="'.$product ->
product_id.'">'.$product ->
product_name.'</option>';
}
                    echo '</select>
                </div>
                <div id="sizes d-flex">;
foreach ($sizes as $size) {
                    echo '<div class="custom-control custom-
checkbox d-inline-block w-50">
                        <input type="checkbox" class="custom-
control-input type" id="size-.'.$size -> size_id.'" name="sizes" value="'.$size -> size_id.'" autocomplete="off">
                        <label class="custom-control-label"
for="size-.'.$size -> size_id.'"></label>
                        '.$size -> size_name.'
                    </div>';
}
                    echo '<small id="sizesHelp" class="form-
text">Select size</small></div>

```

```

                <button type="button" id="addSizesButton"
class="btn mt-3 button">Add sizes</button>
                <div id="responseSizes">
                    <!-- <small id="contactInformation"
class="form-text text-success font-weight-bold"></small> -->
                </div>
            </div>
        <div class="row my-3 mt-5">
            <div class="col-12">
                <h3 class="font-weight-bold">Add prices for
product</h3>
            </div>
        </div>
        <div class="row shadow p-3">
            <div class="col-12">
                <form id="pricesForm">
                    <div class="form-group">
                        <label for="product" class="font-weight-
bold">Select Product</label>
                        <select class="form-control"
id="productPriceId">';
                        foreach ($products as $product) {
                            echo '<option value="'.$product ->
product_id.'">'.$product -> product_id.' '.$product ->
product_name.'</option>';
                        }
                        echo '</select>'
                    </div>
                    <div class="form-group">
                        <label for="productPriceNew" class="font-
weight-bold">Product New Price:</label>
                        <input type="text" class="form-control"
id="productPriceNew" placeholder="Enter product new price">
                        <small id="productPriceNewHelp" class="form-
text">Example: 20.99</small>
                    </div>
                    <div class="form-group">
                        <label for="productPriceOld" class="font-
weight-bold">Product Old Price:</label>
                        <input type="text" class="form-control"
id="productPriceOld" placeholder="Enter product old price">
                        <small id="productPriceOldHelp" class="form-
text">Example: 34.99</small>
                    </div>
                    <button type="button" id="addPricesButton"
class="btn mt-3 button">Add prices</button>

```

```

        <div id="responsePrices">
            <!-- <small id="contactInformation"
class="form-text text-success font-weight-bold"></small> -->
        </div>
    </form>
</div>
<div class="row my-3 mt-5">
    <div class="col-12">
        <h3 class="font-weight-bold">Delete product</h3>
    </div>
</div>
<div class="row shadow p-3">
    <div class="col-12">
        <form id="deleteProductForm">
            <div class="form-group">
                <label for="product" class="font-weight-
bold">Select Product</label>
                <select class="form-control"
id="productDeleteId">;
                    foreach ($products as $product) {
                        echo '<option value="'. $product ->
product_id.'">'. $product -> product_id.' '. $product ->
product_name.'</option>';
                    }
                echo '</select>
            </div>
            <button type="button" id="deleteProductButton"
class="btn mt-3 button">Delete Product</button>
            <div id="responseDelete">
                <!-- <small id="contactInformation"
class="form-text text-success font-weight-bold"></small> -->
            </div>
        </form>
    </div>
</div>
<div class="row my-3 mt-5">
    <div class="col-12">
        <h3 class="font-weight-bold">Upload image:</h3>
    </div>
</div>
<div class="row shadow p-3">
    <div class="col-12">
        <form id="uploadForm"
action="../logic/uploadImage.php" enctype="multipart/form-data" method="post">
            <div class="mb-3">
                <label for="formFile" class="form-
label">Choose png image:</label>

```

```

                <input class="form-control" type="file"
id="formFile" name="formFile" />
            </div>
            <button type="submit" id="uploadButton"
name="uploadButton" class="btn mt-3 button">Upload</button>
        <div id="responseUpload">;
        if(isset($_SESSION['error-size'])) {
            echo '<small id="errorSize" class="form-
text text-danger font-weight-bold">' . $_SESSION['error-size'] . '</small>';
            unset($_SESSION['error-size']);
        }
        if(isset($_SESSION['error'])) {
            echo '<small id="errorSize" class="form-
text text-danger font-weight-bold">' . $_SESSION['error'] . '</small>';
            unset($_SESSION['error']);
        }
        if(isset($_SESSION['error-upload'])) {
            echo '<small id="errorSize" class="form-
text text-danger font-weight-bold">' . $_SESSION['error-upload'] . '</small>';
            unset($_SESSION['error-upload']);
        }
        if(isset($_SESSION['success'])) {
            echo '<small id="errorSize" class="form-
text text-success font-weight-bold">' . $_SESSION['success'] . '</small>';
            unset($_SESSION['success']);
        }
        echo '</div>
    </form>
</div>
</div>
<div class="container">
<div class="row my-3 d-flex flex-column">
    <div class="row">
        <div class="col-12">
            <h3 class="font-weight-bold">Users:</h3>
        </div>
    </div>
    <div class="row">
        <div class="col-md-4 col-12">
            <h4>First name:</h4>
        </div>
        <div class="col-md-4 col-12">
            <h4>Username:</h4>
        </div>
        <div class="col-md-4 col-12">
            <h4>Email:</h4>
        </div>
    </div>
</div>';

```

```

        foreach ($users as $user) {
            echo '<div class="row border">
<div class="col-md-4 col-12">
    <h4 class="font-weight-bold">' . $user . '>
user_firstname.' . $user . '</h4>
</div>
<div class="col-md-4 col-12">
    <h4 class="font-weight-bold">' . $user . '</h4>
user_username.' . $user . '</h4>
</div>
<div class="col-md-4 col-12">
    <h4 class="font-weight-bold">' . $user . '</h4>
user_email.' . $user . '</h4>
</div>
</div>';
        }
        echo '</div>
<div class="row my-3 d-flex flex-column">
    <div class="row">
        <div class="col-12">
            <h3 class="font-weight-bold">Contact
messages:</h3>
            </div>
        </div>
        <div class="row">
            <div class="col-md-4 col-12">
                <h4>First name:</h4>
            </div>
            <div class="col-md-4 col-12">
                <h4>Email:</h4>
            </div>
            <div class="col-md-4 col-12">
                <h4>Message:</h4>
            </div>
        </div>';
        foreach ($messages as $message) {
            echo '<div class="row border">
<div class="col-md-4 col-12">
    <h4 class="font-weight-bold">' . $message . '</h4>
contact_name.' . $message . '</h4>
</div>
<div class="col-md-4 col-12">
    <h4 class="font-weight-bold">' . $message . '</h4>
contact_email.' . $message . '</h4>
</div>
<div class="col-md-4 col-12">
    <h4 class="font-weight-bold">' . $message . '</h4>
contact_message.' . $message . '</h4>
</div>
</div>';
        }
    }
}

```

```

                </div>
            </div>';
        }
        echo '</div>
</div></div>
';
}
else {
    echo '<div class="container">
        <div style="height: 500px; width: 100%;" class="row d-flex align-items-center">
            <div class="col-12 d-flex align-items-center justify-content-center">
                <h3 class="text-danger">Oops, it looks like you are not administrator!</h3>
            </div>
        </div>
    </div>';
}
}
else {
    echo '<div class="container">
        <div style="height: 500px; width: 100%;" class="row d-flex align-items-center">
            <div class="col-12 d-flex align-items-center justify-content-center">
                <h3 class="text-danger">Oops, it looks like you are not logged in!</h3>
            </div>
        </div>
    </div>';
}
require_once '../includes/footer.php';
?>
```

## Author.php

```

<?php
    session_start();
    require_once '../includes/head.php';
    require_once '../includes/header.php';
    require_once '../includes/navigation.php';
?>
<!-- Author Section -->
<section id="author" class="py-5">
    <div class="container">
        <div class="row d-md-flex align-items-md-center">
            <div class="col-md-4 col-12">
                

```

```

        </div>
    <div class="col-md-8 col-12">
        <h3 class="mb-3 mt-md-0 mt-3">Lazar Jankovic</h3>
        <p class="mb-2">I'm a passionate 23-year-old web developer with years of experience in programming. I first fell in love with computers as a child, and since then I've honed my skills to focus on web development.</p>
        <p class="mb-2">As an organized and hardworking individual, I'm committed to delivering top-quality work. My areas of expertise include HTML, CSS, JavaScript, PHP, MySQL, and more.</p>
        <p class="mb-3">Whether you need a website built from scratch or just a few tweaks to your existing code, I'm ready to help.</p>
        <a href="https://github.com/Lazar-X" class="shop-now-button">Check my work <i class="fa-solid fa-arrow-right"></i></a>
    </div>
</div>
</div>
</section>

<?php
    require_once '../includes/footer.php';
?>

```

## Cart.php

```

<?php
    session_start();
    require_once '../includes/head.php';
    require_once '../includes/header.php';
    require_once '../includes/navigation.php';
    if(isset($_SESSION['user'])) {
        $user = $_SESSION['user'];
        $productsFromCart = selectProductsFromCart($user -> user_id);
        $numberOfProductsInCart = countProductsFromCart($user -> user_id);
        echo '<!-- Cart -->
            <div id="cart-section" class="padding-150">
                <div class="container d-flex justify-content-center align-items-center">
                    <div class="row col-12 d-flex flex-column shadow border p-3">
                        <div class="col-12 border-bottom">
                            <h2 class="text-center text-uppercase">Cart</h2>
                            <p class="text-center">You have <span id="product-count-cart">' . $numberOfProductsInCart . '</span> items in your cart</p>
                        </div>
                        <!-- Single Product Heading Cart -->
                        <div class="col-12 row d-lg-flex d-none border-bottom mt-3 align-items-center">
                            <div class="col-lg-1 col-12">
                                <h3>Image</h3>
                            </div>

```

```

        <div class="col-lg-4 col-12">
            <h3>Product Name</h3>
        </div>
        <div class="col-lg-4 col-12">
            <h3>Quantity</h3>
        </div>
        <div class="col-lg-2 col-12">
            <h3>Price</h3>
        </div>
        <div class="col-lg-1 col-12">
            <h3>Remove</h3>
        </div>
    </div>';
    echo '<div id="displayProducts">';
    foreach($productsFromCart as $product) {
        echo '<!-- Single Product in Cart -->
        <div class="col-12 row d-flex align-items-center
justify-content-center border-bottom single-product-cart py-2">
            <!-- Single Product Image -->
            <div class="col-lg-1 col-12">
                <div style="background-image:
url(..../images/products/'.\$product -> product_image.'.png);"
class="cart-
background-image">
                    </div>
                </div>
            <!-- Single Product Name -->
            <div class="col-lg-4 col-12">
                <h3>'.'\$product -> product_name.'</h3>
            </div>
            <!-- Single Product Quantity -->
            <div class="col-lg-4 col-12">
                <div class="product-quantity d-flex align-
items-center mb-2">
                    <span class="button-operator ml-2 button-
operator-minus">-</span>
                    <input type="text" class="button-quantity
button-operator-result" id="quantity" value="'.\$product -> cart_quantity.'"'
readonly />
                    <input type="hidden" id="userId"
value="'.\$user -> user_id.'">
                    <input type="hidden" id="productId"
value="'.\$product -> product_id.'">
                <span class="button-operator button-
operator-plus">+</span>
                <small class="form-text text-muted ml-2
quantity-help"></small>
            </div>
        </div>
    </div>';

```

```

        <!-- Single Product Price -->
        <div class="col-lg-2 col-12">
            <p class="price-text-new">' . $product ->
    price_new . '</p>
        </div>
        <!-- Single Product Delete -->
        <div class="col-lg-1 col-12">
            <button class="cart-button-delete">
                <i class="fa-solid fa-trash"></i>
            </button>
        </div>
    </div>';
}
echo '</div>
<!-- Single Product Footer -->
<div class="col-12 row mt-3 d-flex align-items-center">
    <div class="col-md-10 col-12 mb-md-0 mb-2">
        <h3 class="text-uppercase font-weight-
bold">Summary: <span id="summary">';
        $summary = 0;
        foreach ($productsFromCart as $product) {
            $price = $product -> price_new;
            $quantity = $product -> cart_quantity;
            $result = $price * $quantity;
            $summary += $result;
        }
        echo $summary;
        echo '</span></h3>
    </div>
    <div class="col-md-2 col-12">
        <a href="checkout.php?summary=' . $summary . '" id="checkout-link" class="font-weight-bold shop-now-link">Checkout</a>
    </div>
    </div>
</div>
</div>';
}
else {
    echo '<div class="container">
        <div style="height: 500px; width: 100%;" class="row d-flex align-items-center">
            <div class="col-12 d-flex align-items-center justify-content-
center">
                <h3 class="text-danger">Oops, it looks like you are not
logged in!</h3>
            </div>
        </div>
    </div>

```

```

        </div>';
    }
    require_once '../includes/footer.php';
?>
Checkout.php
<?php
session_start();
require_once '../includes/head.php';
require_once '../includes/header.php';
require_once '../includes/navigation.php';
if(isset($_SESSION['user'])) {
    if (!isset($_GET['summary'])) {
        echo '<div class=container">
            <div style="height: 500px; width: 100%;" class="row d-flex align-items-center">
                <div class="col-12 d-flex align-items-center justify-content-center">
                    <h3 class="text-danger">You are not allowed to access this page directly. Please click on a checkout from cart to continue.</h3>
                </div>
            </div>
        </div>';
        header("Refresh:2; url=cart.php");
    }
    else {
        $user = $_SESSION['user'];
        $summary = $_GET['summary'];
        $userPhone = tableSelectByColumnValue('phones', 'user_id', $user -> user_id);
        $countries = tableSelectAll('countries');
        if($userPhone !== false) {
            $number = $userPhone -> phone_number;
        }
        else {
            $number = '';
        }
        echo '<!-- Checkout -->
<section id="checkout" class="py-5">
    <div class="container">
        <div class="row">
            <!-- Form -->
            <div class="col-md-8 col-12">
                <div class="row">
                    <div class="col-12">
                        <h3 class="font-weight-bold border-bottom mb-3">Billing Details</h3>
                        <form id="checkoutForm">
                            <!-- Full name -->

```

```

<div class="form-group">
    <label for="checkoutName" class="font-weight-bold">Full Name:</label>
        <input type="text" class="form-control" id="checkoutName" placeholder="Enter full name" value="'.\$user->user_firstname.' '.\$user->user_lastname.'">
        <small id="nameHelp" class="form-text">Example: Lazar Jankovic</small>
    </div>
    <!-- Email -->
    <div class="form-group">
        <label for="checkoutEmail" class="font-weight-bold">Email:</label>
            <input type="text" class="form-control" id="checkoutEmail" placeholder="Enter email" value="'.\$user->user_email.'">
            <small id="emailHelp" class="form-text">Example: luxefashion@gmail.com</small>
        </div>
        <!-- Phone number -->
        <div class="form-group">
            <label for="checkoutPhone" class="font-weight-bold">Phone: (optional)</label>
                <input type="text" class="form-control" id="checkoutPhone" placeholder="Enter phone" value="'.\$number.'">
                <small id="phoneHelp" class="form-text">Example: +381 555 555</small>
            </div>
            <!-- Country -->
            <div class="form-group">
                <label for="checkoutCountry" class="font-weight-bold">Country</label>
                    <select class="form-control" id="checkoutCountry">
                        <option value="0">Select</option>
                        ; foreach ($countries as $country) {
                            echo '<option value="'.\$country->country_id.'">'.\$country->country_name.'</option>';
                        } echo '
                    </select>
                    <small id="countryHelp" class="form-text">If your country is not listed, we are unable to process orders to that location at this time.</small>
                </div>
                <!-- Address -->
                <div class="form-group">

```

```

        <label for="checkoutAddress"
class="font-weight-bold">Address:</label>
                <input type="text" class="form-
control" id="checkoutAddress" placeholder="Enter address">
                <small id="addressHelp" class="form-
text">Example: Belgrade, Street 22</small>
            </div>
            <!-- Post Code -->
            <div class="form-group">
                <label for="checkoutPostcode"
class="font-weight-bold">PostCode:</label>
                <input type="text" class="form-
control" id="checkoutPostcode" placeholder="Enter postcode">
                <small id="postcodeHelp" class="form-
text">Example: 11500</small>
            </div>
            <input type="hidden" id="userId"
value="'. $user -> user_id .'">
        </form>
    </div>
</div>
<!-- Order -->
<div class="col-md-4 col-12">
    <div class="row">
        <div class="col-12 border shadow p-3">
            <h3 class="text-center text-uppercase pb-3
border-bottom">Your Order</h3>
            <p class="font-weight-bold pt-3">Total: <span
id="summary">' . $summary . '</span></p>
            <a href="cart.php" class="w-100 text-center
shop-now-link">Review your cart</a>
            <button type="button" id="checkoutButton"
class="btn mt-3 button w-100">Place Order</button>
            <div id="response">
                <!-- <small id="contactInformation"
class="form-text text-success font-weight-bold"></small> -->
            </div>
        </div>
    </div>
</div>
</div>
</section>';
}
}

else {
echo '<div class=container">

```

```

        <div style="height: 500px; width: 100%;" class="row d-flex align-items-center">
            <div class="col-12 d-flex align-items-center justify-content-center">
                <h3 class="text-danger">Oops, it looks like you are not logged in!</h3>
            </div>
        </div>
    </div>';
}
require_once '../includes/footer.php';
?>
```

## Contact.php

```

<?php
    session_start();
    require_once '../includes/head.php';
    require_once '../includes/header.php';
    require_once '../includes/navigation.php';
?>
<!-- Contact -->
<section id="contact" class="py-5">
    <div class="container">
        <div class="row">
            <div class="col-12">
                <h2 class="text-center mb-5">Contact Us</h2>
            </div>
        </div>
        <div class="row d-flex align-items-center justify-content-between">
            <div class="col-md-6 col-12">
                <form id="contactForm">
                    <div class="form-group">
                        <label for="contactName">Name</label>
                        <input type="text" class="form-control" id="contactName" aria-describedby="nameHelp" placeholder="Enter name">
                        <small id="contactNameHelp" class="form-text">Example: Lazar</small>
                    </div>
                    <div class="form-group">
                        <label for="contactEmail">Email address</label>
                        <input type="text" class="form-control" id="contactEmail" aria-describedby="emailHelp" placeholder="Enter email">
                        <small id="contactEmailHelp" class="form-text">Example: luxefashion@gmail.com</small>
                    </div>
                    <div class="form-group">
                        <label for="contactMessage">Message</label>
```

```

        <textarea class="form-control" id="contactMessage"
rows="5" placeholder="Enter message"></textarea>
            <small id="contactMessageHelp" class="form-
text">Example: This is message</small>
        </div>
        <button type="button" id="contactButton" class="btn
button w-100">Send Message</button>
    <div id="response">
        <!-- <small id="contactInformation" class="form-
text text-success font-weight-bold"></small> -->
    </div>
    </form>
</div>
<div class="col-md-5 col-12 mt-md-0 mt-5">
    <div class="address-holder mb-3">
        <h3><i class="fa-solid fa-phone"></i> Phone</h3>
        <p>+381 64-098-4199</p>
    </div>
    <div class="address-holder mb-3">
        <h3><i class="fa-solid fa-envelope"></i> Email</h3>
        <p>luxe.fashion@gmail.com</p>
    </div>
    <div class="address-holder">
        <h3><i class="fa-solid fa-location-dot"></i>
Location</h3>
        <p>Belgrade, Serbia</p>
    </div>
</div>
</div>
</div>
<!-- Map -->
<section id="map" class="pb-5">
    <div class="container">
        <div class="row">
            <div class="col-12">
                <iframe
src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d181139.85102770833!
2d20.42259699999999!3d44.81524535!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.1!3m3
!1m2!1s0x475a7aa3d7b53fb%3A0x1db8645cf2177ee4!2z0JHQtdC-
0LPRgNCw0LQ!5e0!3m2!1ssr!2srs!4v1682421381416!5m2!1ssr!2srs" width="100%" height="450" style="border:0;" allowfullscreen="" loading="lazy" referrerPolicy="no-referrer-when-downgrade"></iframe>
            </div>
        </div>
    </div>
</section>

```

```

<?php
    require_once '../includes/footer.php';
?>
Index.php
<?php
    session_start();
    require_once '../includes/head.php';
    require_once '../includes/header.php';
    require_once '../includes/navigation.php';
    $products = productsForIndex();

    echo '<section id="hero">
        <div class="container">
            <div class="row">
                <div class="col-md-6 col-12">
                    <h2 class="mb-3 font-weight-bold">Unleash Your Fashionista
Side</h2>
                    <p class="mb-5">Welcome to our fashion store, where style
meets luxury. Shop the latest trends and elevate your wardrobe with our
curated collection.</p>
                    <a href="shop.php" class="shop-now-button">Shop Now <i
class="fa-solid fa-arrow-right"></i></a>
                </div>
            </div>
        </div>
    </section>
    <!-- Represent section -->
    <section id="represent" class="py-5">
        <div class="container">
            <div class="row">
                <div class="col-lg-8 col-12 offset-lg-4">
                    <div class="filter d-flex flex-md-row justify-content-md-
between align-items-md-center flex-column-reverse">
                        <div class="filter-text">
                            <h3 class="mb-3">Trending Categories</h3>
                            <a href="shop.php" class="shop-now-link">Shop
Now</a>
                        </div>
                        <div class="filter-image">
                            
                        </div>
                    </div>
                </div>
            </div>
        <div class="row mt-lg-n3 mt-3">
            <div class="col-lg-8 col-12">

```

```

        <div class="filter d-flex flex-md-row justify-content-md-
between align-items-md-center flex-column">
            <div class="filter-image">
                
            </div>
            <div class="filter-text ml-md-5">
                <h3 class="mb-3">Premium Collections</h3>
                <a href="shop.php" class="shop-now-link">Shop
Now</a>
            </div>
        </div>
    </div>
<div class="row mt-lg-n3 mt-3">
    <div class="col-lg-8 col-12 offset-lg-4">
        <div class="filter d-flex flex-md-row justify-content-md-
between align-items-md-center flex-column-reverse">
            <div class="filter-text">
                <h3 class="mb-3">His & Hers Fashion</h3>
                <a href="shop.php" class="shop-now-link">Shop
Now</a>
            </div>
            <div class="filter-image">
                
            </div>
        </div>
    </div>
</section>
<!-- Products section --&gt;
&lt;section id="products" class="py-md-5 py-2"&gt;
    &lt;div class="container"&gt;
        &lt;div class="row mb-3"&gt;
            &lt;div class="col-12 d-flex justify-content-center"&gt;
                &lt;h2&gt;On Discount&lt;/h2&gt;
            &lt;/div&gt;
        &lt;/div&gt;
        &lt;div class="row"&gt;';
            foreach ($products as $product) {
                echo '&lt;div class="col-lg-3 col-sm-6 col-12"&gt;
                    &lt;div class="product m-1 p-md-3 p-1"&gt;
                        &lt;div style="background-
image:url(..../images/products/'.$product .-&gt; product_image.'.png);"
class="product-image"&gt;
                            &lt;div class="overlay-product-image"&gt;
</pre>

```

```

                <div class="product-icons">
                    <a href="single-
product.php?product_id='.$product -> product_id.'" data-toggle="tooltip"
title="View Product"><i class="fa-solid fa-eye"></i></a>
                </div>
            </div>
            <div class="product-text">
                <h3 class="my-2">'.'.$product ->
product_name.'</h3>
                <p class="stars">';
                $avgRatingProduct =
averageRatingProduct($product->product_id);
                $avgValue =
round($avgRatingProduct->average_rating);
                if($avgValue != 0) {
                    for($i = 0; $i < $avgValue;
$i++) {
                        echo '<i class="fa-solid
fa-star star-filled"></i> ';
                    }
                } else {
                    for($i = 0; $i < 5; $i++) {
                        echo '<i class="fa-solid
fa-star"></i> ';
                    }
                }
                echo '
</p>
';
                if($product -> price_old != null)
{
                    echo '<p class="price-text-old
mr-2">'.'$product -> price_old.'</p>';
                }
                else {
                    echo '<p class="price-text-
old"></p>';
                }
                echo '<p class="price-text-
new">'.'$product -> price_new.'</p>
                </div>
            </div>
        </div>';
    }
    echo '</div>
</div>

```

```

        </section>
        <!-- About us section -->
        <section id="about-us">
            <div class="overlay d-flex align-items-center py-5">
                <div class="container">
                    <div class="row d-flex justify-content-center">
                        <div class="col-lg-8 col-12 text-center">
                            <p>We are a fashion store dedicated to providing the latest trends with a touch of luxury. Our mission is to make fashion accessible to everyone while maintaining quality and style.</p>
                            <a href="about-us.php" class="shop-now-button">Read More <i class="fa-solid fa-arrow-right"></i></a>
                        </div>
                    </div>
                </div>
            </div>
        </section>';

        require_once '../includes/services.php';
        require_once '../includes/footer.php';
    ?>

```

## Login.php

```

<?php
    session_start();
    require_once '../includes/head.php';
    require_once '../includes/header.php';
    require_once '../includes/navigation.php';
?>
<div id="login-section" class="padding-150">
    <div class="container d-flex justify-content-center align-items-center">
        <?php
            if(isset($_SESSION['user'])) {
                echo '<div style="height: 300px;" class="row d-flex align-items-center">
                    <div class="col-12">
                        <h3 class="text-danger">Oops, it looks like you are already logged in!</h3>
                    </div>
                </div>';
            }
            else {
                echo '<div class="row col-lg-8 col-12 d-flex flex-column shadow border p-3">
                    <div class="col-12">
                        <h2 class="text-center text-uppercase">Login</h2>
                    </div>
                    <div class="col-12">

```

```

        <form id="loginForm">
            <div class="form-group">
                <label for="loginUsername" class="font-weight-bold">Username:</label>
                    <input type="text" class="form-control" id="loginUsername" placeholder="Enter username">
                        <small id="loginUsernameHelp" class="form-text">Please enter your username</small>
                    </div>
                <div class="form-group">
                    <label for="loginPassword" class="font-weight-bold">Password:</label>
                        <input type="password" class="form-control" id="loginPassword" placeholder="Enter password">
                            <small id="loginPasswordHelp" class="form-text">Please enter your password</small>
                        </div>
                        <small class="form-text text-muted">Never share your login credentials with anyone.</small>
                    <button type="button" id="loginButton" class="btn mt-3 button">Login</button>
                </form>
            </div>
            <div class="col-12 mt-2">
                <p>Dont have an account yet? <a href="register.php" class="font-weight-bold">Register now!</a></p>
                <p>Did you forget your password? <a href="contact.php" class="font-weight-bold">Contact us!</a></p>
            </div>
            <div id="response">
                <!-- <small id="contactInformation" class="form-text text-success font-weight-bold"></small> -->
            </div>
        </div>
    </div>

<?php
    require_once '../includes/footer.php';
?>

```

## Poll.php

```

<?php
    session_start();
    require_once '../includes/head.php';
    require_once '../includes/header.php';
    require_once '../includes/navigation.php';

```

```

require_once '../logic/functions.php';
if(isset($_SESSION['user'])) {
    if (!isset($_GET['poll_id'])) {
        echo '<div class=container">
            <div style="height: 500px; width: 100%;" class="row d-flex
align-items-center">
                <div class="col-12 d-flex align-items-center justify-
content-center">
                    <h3 class="text-danger">You are not allowed to access
this page directly. Please click on a poll to participate.</h3>
                </div>
            </div>
        </div>';
        header("Refresh:2; url=index.php");
    }
} else {
    $user = $_SESSION['user'];
    $pollId = $_GET['poll_id'];
    $poll = activePollSelect($pollId);
    if($poll) {
        if($user -> role_id == 1) {
            $pollQuestion = tableSelectByColumnValue('poll_questions',
'poll_id', $poll -> poll_id);
            $userVoted = userVoted($user -> user_id, $pollQuestion ->
poll_question_id);
            if($userVoted) {
                echo '<div class=container">
                    <div style="height: 500px; width: 100%;" class="row d-
flex align-items-center">
                        <div class="col-12 d-flex align-items-center
justify-content-center">
                            <h3 class="text-danger">Oops, it looks like
you have already voted in this poll. Thank you for your participation!</h3>
                        </div>
                    </div>
                </div>';
            } else {
                $pollAnswers =
tableSelectAllByColumnValue('poll_answers', 'question_id', $pollQuestion ->
poll_question_id);
                echo '<!-- Poll -->
<section id="poll" class="py-5">
    <div class="container">
        <div class="row">
            <div class="col-md-6 col-12 border
shadow">

```

```

        <h3 class="my-3 pb-1 border-bottom
text-center">' . $poll -> poll_name . '</h3>
        <form id="voteForm">
            <!-- Question Radio -->
            <p>' . $pollQuestion ->
                poll_question . '</p>
                <div class="form-group">';
                foreach ($pollAnswers as
$pollAnswer) {
                    echo '<div class="form-check">
                        <input class="form-check-
input" type="radio" name="poll" id="' . $pollAnswer -> poll_answer_id . ''
value=" ' . $pollAnswer -> poll_answer_id . '"'
                    <label class="form-check-label
font-weight-bold" for="pollCategory1">
                        ' . $pollAnswer -> poll_answer . '
                    </label>
                </div>';
            }
            echo '</div>
            <input type="hidden" id="userId"
value=" ' . $user -> user_id . '">
            <input type="hidden"
id="questionId" value=" ' . $pollQuestion -> poll_question_id . '">
            <small id="voteHelp" class="form-
text">Please select</small>
            <button type="button"
id="voteButton" class="btn my-3 button">Vote</button>
        </form>
        <div id="response">
            </div>
        </div>
        <!-- Poll Description -->
        <div class="col-md-6 col-12 mt-md-0 mt-3">
            <h3>Help Us Improve Your Shopping
Experience</h3>
            <p>Your feedback is important to us!
By answering this poll, you can help us understand what you like and what you
do not like about our fashion site. We want to make sure that we are providing
the best possible experience for our users, and your input can help us achieve
that. Thank you for taking the time to share your thoughts with us!</p>
        </div>
    </div>
</div>
</section>';
}
}

```

```

        else {
            $pollQuestion = tableSelectByColumnValue('poll_questions',
'poll_id', $poll -> poll_id);
            $pollAnswers = tableSelectAllByColumnValue('poll_answers',
'question_id', $pollQuestion -> poll_question_id);
            $userVotedForQuestion = userVotedForQuestion($pollQuestion
-> poll_question_id);
            echo '<div class="container my-3 py-3 shadow">
<div style="height: 500px; width: 100%;" class="row d-
flex">
<div class="col-12 d-flex justify-content-center">
    <h3>' . $poll -> poll_name . '</h3>
</div>
<div class="col-12">
    <h3>Question: ' . $pollQuestion ->
poll_question . '</h3>
</div>
<div class="col-12">
    <h3 class="border-bottom">Answers - User
voted</h3>
</div>
<div class="col-12">';
            foreach ($pollAnswers as $answer) {
                echo '<h3>' . $answer -> poll_answer . ' - ';
                $answer_id = $answer -> poll_answer_id;
                $vote_count = 0;
                if (!empty($userVotedForQuestion)) {
                    foreach ($userVotedForQuestion as $votedAnswer)
{
                        if ($votedAnswer -> answer_id ==
$answer_id) {
                            $vote_count = $votedAnswer ->
vote_count;
                            break;
                        }
                    }
                }
                echo $vote_count . '</h3>';
            }
            echo '</div>
</div>';
        }
    }
else {
    echo '<div class="container">
<div style="height: 500px; width: 100%;" class="row d-flex
align-items-center">

```

```

        <div class="col-12 d-flex align-items-center justify-
content-center">
            <h3 class="text-danger">Sorry, the poll you are trying
to access does not exist or is no longer available. Please try again
later.</h3>
        </div>
    </div>';
}
}

else {
    echo '<div class="container">
        <div style="height: 500px; width: 100%;" class="row d-flex
align-items-center">
            <div class="col-12 d-flex align-items-center justify-
content-center">
                <h3 class="text-danger">Oops, it looks like you are
not logged in!</h3>
            </div>
        </div>';
}
require_once '../includes/footer.php';
?>
```

## Register.php

```

<?php
    session_start();
    require_once '../includes/head.php';
    require_once '../includes/header.php';
    require_once '../includes/navigation.php';
?>
<!-- Registration -->
<div id="registration-section" class="padding-150">
    <div class="container d-flex justify-content-center align-items-
center">
        <?php
            if(isset($_SESSION['user'])) {
                echo '<div style="height: 300px;" class="row d-flex align-
items-center">
                    <div class="col-12">
                        <h3 class="text-danger">Sorry, you need to log out
before you can register a new account. Please log out and try again.</h3>
                    </div>
                </div>';
            }
            else {
```

```

echo '<div class="row col-lg-8 col-12 d-flex flex-column
shadow border p-3">
    <div class="col-12">
        <h2 class="text-center text-uppercase">Register</h2>
    </div>
    <div class="col-12">
        <form id="registerForm">
            <!-- First name -->
            <div class="form-group">
                <label for="registerFirstName" class="font-
weight-bold">First Name:</label>
                    <input type="text" class="form-control"
id="registerFirstName" placeholder="Enter first name">
                        <small id="firstNameHelp" class="form-
text">Example: Lazar</small>
                </div>
            <!-- Last name -->
            <div class="form-group">
                <label for="registerLastName" class="font-
weight-bold">Last Name:</label>
                    <input type="text" class="form-control"
id="registerLastName" placeholder="Enter last name">
                        <small id="lastNameHelp" class="form-
text">Example: Jankovic</small>
                </div>
            <!-- Username -->
            <div class="form-group">
                <label for="registerUsername" class="font-
weight-bold">Username:</label>
                    <input type="text" class="form-control"
id="registerUsername" placeholder="Enter username">
                        <small id="usernameHelp" class="form-
text">Example: LazarJ</small>
                </div>
            <!-- Email -->
            <div class="form-group">
                <label for="registerEmail" class="font-weight-
bold">Email:</label>
                    <input type="text" class="form-control"
id="registerEmail" placeholder="Enter email">
                        <small id="emailHelp" class="form-
text">Example: luxefashion@gmail.com</small>
                </div>
            <!-- Password -->
            <div class="form-group password-container">
                <label for="registerPassword" class="font-
weight-bold">Password:</label>

```

```

                <input type="password" class="form-control"
passwords" id="registerPassword" placeholder="Enter password">
                <i class="fa-solid fa-eye show-password"></i>
                <small id="passwordHelp" class="form-
text">Example: password1</small>
            </div>
            <!-- Retype password -->
            <div class="form-group password-container">
                <label for="registerRetypePassword"
class="font-weight-bold">Retype Password:</label>
                <input type="password" class="form-control"
passwords" id="registerRetypePassword" placeholder="Enter password again">
                <i class="fa-solid fa-eye show-password icon-
password"></i>
                <small id="retypePasswordHelp" class="form-
text">Re-enter your password</small>
            </div>
            <!-- Gender -->
            <div class="form-group">
                <label class="font-weight-
bold">Gender:</label>
                <div class="form-check">
                    <input class="form-check-input"
type="radio" name="registerGender" id="male" value="1">
                    <label class="form-check-label"
for="male">
                        Male
                    </label>
                </div>
                <div class="form-check">
                    <input class="form-check-input"
type="radio" name="registerGender" id="female" value="2">
                    <label class="form-check-label"
for="female">
                        Female
                    </label>
                </div>
                <small id="genderHelp" class="form-
text">Please indicate your gender</small>
            </div>
            <!-- Phone number -->
            <div class="form-group">
                <label for="registerPhone" class="font-weight-
bold">Phone: (optional)</label>
                <input type="text" class="form-control"
id="registerPhone" placeholder="Enter phone">
                <small id="phoneHelp" class="form-
text">Example: +381 555 555</small>
            </div>
        </div>
    </div>

```

```

                </div>
                <small class="form-text text-muted">Please do not
share your registration details with anyone else for your own safety and
privacy.</small>
                <button type="button" id="registerButton"
class="btn mt-3 button">Register</button>
                <div id="response">
                    <!-- <small id="contactInformation"
class="form-text text-success font-weight-bold"></small> -->
                </div>
                <div id="verification-code">

                </div>
            </form>
        </div>
        <div class="col-12 mt-2">
            <p>Already have an account? <a href="login.php"
class="font-weight-bold">Login here!</a></p>
        </div>
    </div>';
}
?>
</div>
</div>

<?php
    require_once '../includes/footer.php';
?>
```

## Shop.php

```

<?php
    session_start();
    require_once '../includes/head.php';
    require_once '../includes/header.php';
    require_once '../includes/navigation.php';
    require_once '../config/connection.php';
    require_once '../logic/functions.php';

    $products = selectAllProducts();
    $categories = tableSelectAll('categories');
    $brands = tableSelectAll('brands');
    $prices = tableSelectAll('prices');
    $colors = tableSelectAll('colors');
    $genders = tableSelectAll('genders');
    $minPrice = selectMinimumPrice() -> min_price;
    $maxPrice = selectMaximumPrice() -> max_price;
    $pageNumber = pageNumber();
    $countProductsNumber = countTable('products');
```

```

echo '
<!-- Shop section -->
<section id="shop" class="my-5">
    <div class="container">
        <!-- Shop heading -->
        <div class="row mb-3 border-bottom">
            <div class="col-12">
                <h2>Shop With Us</h2>
                <p>Browse from <span id="product-count">' ;
                echo $countProductsNumber;
                echo '</span> latest products</p>
            </div>
        </div>
        <div class="row">
            <!-- Shop filters -->
            <div class="col-lg-3 col-12">
                <!-- Filters -->
                <div class="card card-body">
                    <!-- Filter group -->
                    <!-- Categories -->';
                    $categories = tableSelectAll('categories');
                    echo '<div class="filter-group">
                        <div class="card-header d-flex mb-3 align-items-
center justify-content-between">
                            <h6 class="title">Categories</h6>
                            <button class="btn" type="button" data-
toggle="collapse" data-target="#collapseCategories" aria-expanded="false"
aria-controls="collapseCategories">
                                <i class="fa-solid fa-angle-down"></i>
                            </button>
                        </div>
                        <article class="card-group-item">
                            <div class="collapse change-class"
id="collapseCategories">;
                            foreach ($categories as $category) {
                                echo '<div class="custom-control custom-
checkbox">
                                    <input type="checkbox" class="custom-
control-input type" id="check-categories-' . $category -> category_id . '"'
name="categories" value="'. $category -> category_id . '" autocomplete="off">
                                    <label class="custom-control-label"
for="check-categories-' . $category -> category_id . '">
                                        '. ucfirst($category ->
category_name) . '
                                    (<span
class="numberProductsCategory">';
                                echo countProducts('category_id',
$category -> category_id);
                            }
                        </div>
                    </article>
                </div>
            </div>
        </div>
    </div>
</section>

```

```

                echo '</span>')
            </label>
        </div>';
    }
    echo '
    </div>
</article>
</div>
<div class="filter-group">
    <div class="card-header d-flex mb-3 align-items-
center justify-content-between">
        <h6 class="title">Brands</h6>
        <button class="btn" type="button" data-
toggle="collapse" data-target="#collapseBrands" aria-expanded="false" aria-
controls="collapseBrands">
            <i class="fa-solid fa-angle-down"></i>
        </button>
    </div>
    <article class="card-group-item">
        <div class="collapse change-class"
id="collapseBrands">;
        foreach($brands as $brand) {
            echo '<div class="custom-control custom-
checkbox">
            <input type="checkbox" class="custom-
control-input type" id="check-brand-' . $brand -> brand_id . '" name="brands"
value="'. $brand -> brand_id . '" autocomplete="off">
            <label class="custom-control-label"
for="check-brand-' . $brand -> brand_id . '">
                '. $brand -> brand_name .'
                (<span class="numberProductsBrand">';
                echo countProducts('brand_id', $brand
-> brand_id);
                echo '</span>')
            </label>
        </div>';
    }
    echo '</div>
</article>
</div>';
    echo '<div class="filter-group">
    <div class="card-header d-flex mb-3 align-items-
center justify-content-between">
        <h6 class="title">Discount</h6>
        <button class="btn" type="button" data-
toggle="collapse" data-target="#collapseDiscount" aria-expanded="false" aria-
controls="collapseDiscount">
            <i class="fa-solid fa-angle-down"></i>

```

```

                </button>
            </div>
            <article class="card-group-item">
                <div class="collapse" id="collapseDiscount">
                    <div class="form-group d-flex">
                        <div class="form-check">
                            <input class="form-check-input"
type="checkbox" name="discount" id="discount" value="1">
                            <label class="form-check-label"
for="discount">
                                Discount
                            </label>
                        </div>
                    </div>
                </article>
            </div>
            <div class="filter-group">
                <div class="card-header d-flex mb-3 align-items-
center justify-content-between">
                    <h6 class="title">Colors</h6>
                    <button class="btn" type="button" data-
toggle="collapse" data-target="#collapseColors" aria-expanded="false" aria-
controls="collapseColors">
                        <i class="fa-solid fa-angle-down"></i>
                    </button>
                </div>
                <article class="card-group-item">
                    <div class="product-colors collapse"
id="collapseColors">
                        <div class="d-flex flex-wrap">;
                        foreach ($colors as $color) {
                            echo '<div class="form-group">
                                <div class="form-check">
                                    <input class="form-check-input custom-
control-input" type="checkbox" name="colors" id="color-check-' . $color ->
color_id.'" value=".' . $color -> color_id.'" autocomplete="off">
                                    <label style="background-color: .' . $color ->
color_value.'" class="form-check-label size-label" for="color-check-' . $color ->
color_id.'"></label>
                                </div>
                            </div>';
                        }
                        echo '</div>
                    </div>
                </article>
            </div>
            <div class="filter-group">

```

```

        <div class="card-header d-flex mb-3 align-items-
center justify-content-between">
            <h6 class="title">Gender</h6>
            <button class="btn" type="button" data-
toggle="collapse" data-target="#collapseGender" aria-expanded="false" aria-
controls="collapseGender">
                <i class="fa-solid fa-angle-down"></i>
            </button>
        </div>
        <article class="card-group-item">
            <div class="collapse" id="collapseGender">';
            foreach ($genders as $gender) {
                echo '<div class="form-check">
                    <input class="form-check-input"
type="radio" name="gender" id="gender-' . $gender . '" value="'
. $gender . ' > gender_id.' .
'<label class="form-check-label"
for="gender-' . $gender . '">
                    '. ucfirst($gender . ' > gender_name) . '
                    (<span class="numberProductsGender">';
                echo countProducts('gender_id',
$gender . ' > gender_id);
                    echo '</span>)
                </label>
            </div>';
            }
            echo '</div>
        </article>
    </div>
    <button class="btn button-clear" id="clear">Clear
Filters</button>
</div>
</div>
<div class="col-lg-9 col-12">
    <!-- Shop search and sort -->
    <div class="row">
        <div class="col-md-6 col-12">
            <!-- search -->
            <div class="form-group" id="searchDiv">
                <label for="search" class="font-weight-
bold">Search</label>
                <input type="text" class="form-control"
id="search" aria-describedby="search" placeholder="Enter keywords">
                <small id="searchHelp" class="form-text text-
muted">Are you looking for a specific item?</small>
            </div>
        </div>
        <div class="col-md-6 col-12">

```

```

<!-- sort -->
<div class="form-group">
    <label for="sort" class="font-weight-
bold">Sort by</label>
    <select class="form-control" id="sort">
        <option value="0">Default</option>
        <option value="1">Asc</option>
        <option value="2">Desc</option>
        <option value="3">Price up</option>
        <option value="4">Price down</option>
    </select>
    <small id="sortHelp" class="form-text text-
muted">Sort by your preferences, shop with ease.</small>
</div>
</div>
<!-- Shop products -->
<div class="row">
    <div class="col-12">
        <!-- products -->
        <div class="row" id="productsResult">';
        foreach ($products as $product) {
            echo '<!-- Product -->
            <div class="col-lg-4 col-sm-6 col-12">
                <div class="product m-1 p-md-3 p-1">
                    <div style="background-
image:url(..../images/products/'.$product -> product_image.'.png);"
class="product-image">
                        <div class="overlay-product-
image">
                            <div class="product-icons">
                                <!-- Modal add to cart
icon -->
                                <a href="single-
product.php?product_id='.$product -> product_id.'" data-toggle="tooltip"
title="View Product"><i class="fa-solid fa-eye"></i></a>
                            </div>
                        </div>
                    </div>
                    <div class="product-text">
                        <h3 class="my-2">'.$product ->
product_name.'</h3>
                        <p class="stars">';
                        $avgRatingProduct =
averageRatingProduct($product->product_id);
                        $avgValue =
round($avgRatingProduct->average_rating);
                        if($avgValue != 0) {

```

```

                for($i = 0; $i < $avgValue;
$i++) {
    echo '<i class="fa-solid
fa-star star-filled"></i> ';
}
}
else {
    for($i = 0; $i < 5; $i++) {
        echo '<i class="fa-solid
fa-star"></i> ';
    }
}
echo '
</p>
';
if($product -> price_old != null)
{
    echo '<p class="price-text-old
mr-2">$' . $product -> price_old. '</p>';
}
else {
    echo '<p class="price-text-
old"></p>';
}
echo '<p class="price-text-
new">$' . $product -> price_new. '</p>
                </div>
            </div>
        </div>';
}
echo '</div>
</div>
</div>';
?>
<!-- Pagination -->
<div class="row mt-3">
    <div class="col-12 d-flex justify-content-center">
        <ul class="d-flex pagination-list"
id="pagination">
            <?php
                for($i = 0; $i < $pageNumber; $i++) {
                    echo '<li><a href="#" class="p-3 mr-1"
data-limit="'. $i .'">' . ($i + 1) . '</a></li>';
                }
            ?>
        </ul>
    </div>
</div>

```

```

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

<?php
    require_once '../includes/footer.php';
?>
Single-product.php
<?php
    session_start();
    require_once '../includes/head.php';
    require_once '../includes/header.php';
    require_once '../includes/navigation.php';
    if (!isset($_GET['product_id'])) {
        echo '<div class=container">
            <div style="height: 500px; width: 100%;" class="row d-flex align-items-center">
                <div class="col-12 d-flex align-items-center justify-content-center">
                    <h3 class="text-danger">You are not allowed to access this page directly. Please click on a poll to participate.</h3>
                </div>
            </div>
        </div>';
        header("Refresh:2; url=index.php");
    }
    else {
        $productId = $_GET['product_id'];
        $product = selectProductById($productId);
        $sizesForProduct = selectSizesForProduct($productId);
        echo '<!-- Product section -->
<div id="single-product" class="py-5">
    <div class="container">
        <div class="row">
            <div style="background-image: url(..../images/products/'.$product -> product_image.'.png);" class="col-md-4 col-12 single-product-background">
                </div>
            <div class="col-md-8 col-12 mt-md-0 mt-3 border">
                <!-- Product heading -->
                <div class="product-heading">
                    <h2 class="text-uppercase">'.$product -> product_name.'</h2>
                </div>
                <!-- Product price -->
                <div class="product-price">';
        if($product -> price_old != null) {

```

```

        echo '<p class="price-text-old mr-2">'.$product -
> price_old.'</p>';
    }
    else {
        echo '<p class="price-text-old"></p>';
    }
    echo '<p class="price-text-new">'.$product ->
price_new.'</p>
</div>
<!-- Product brand --&gt;
&lt;div class="product-brand d-flex mb-2"&gt;
    &lt;h3&gt;Brand:&lt;/h3&gt;
    &lt;p class="ml-2"&gt;'.$product -&gt; brand_name.'&lt;/p&gt;
&lt;/div&gt;
<!-- Product description --&gt;
&lt;div class="product-description"&gt;
    &lt;h3&gt;Description:&lt;/h3&gt;
    &lt;p&gt;'.$product -&gt; product_description.'&lt;/p&gt;
&lt;/div&gt;
<!-- Product sizes --&gt;
&lt;div class="product-sizes d-flex align-items-center
mb-2 flex-wrap" id="div-sizes"&gt;
    &lt;h3&gt;Sizes:&lt;/h3&gt;';
    foreach ($sizesForProduct as $size) {
        echo '&lt;div class="custom-control custom-
checkbox mb-2"&gt;
            &lt;input type="radio" class="custom-control-
input type" id="check-sizes-' . $size -&gt; product_size_id.'" name="sizes"
value="'. $size -&gt; size_id.'" autocomplete="off"&gt;
            &lt;label class="custom-control-label size-label"
for="check-sizes-' . $size -&gt; product_size_id.'"'. $size -&gt; size_name.'&lt;/label&gt;
        &lt;/div&gt;';
    }
    echo ' &lt;small class="form-text text-danger font-
weight-bold ml-2" id="sizeHelp"&gt;&lt;/small&gt;&lt;/div&gt;
    <!-- Product colors --&gt;
    &lt;div class="product-colors d-flex align-items-center
mb-2" id="div-colors"&gt;
        &lt;h3&gt;Color:&lt;/h3&gt;
        &lt;div class="custom-control custom-checkbox mb-2"&gt;
            &lt;input type="checkbox" class="custom-control-
input type" id="check-colors-' . $product -&gt; color_id.'" name="colors"
value="'. $product -&gt; color_id.'" autocomplete="off" disabled&gt;
            &lt;label style="background-color: '. $product -&gt;
color_value.';" class="custom-control-label size-label" for="'. $product -&gt;
color_id.'"&gt;&lt;/label&gt;
        &lt;/div&gt;
    &lt;/div&gt;
</pre>

```

```

        <!-- Product Quantity -->
        <div class="product-quantity d-flex align-items-center
mb-2">
            <h3>Quantity:</h3>
            <span class="button-operator ml-2 button-operator-
minus">-</span>
            <input type="text" class="button-quantity button-
operator-result" id="quantity" value="1" readonly />
            <span class="button-operator button-operator-
plus">+</span>
            <small class="form-text text-muted ml-2 quantity-
help"></small>
        </div>
        <input type="hidden" id="productId"
value="'.\$productId.'">;
        if(isset($_SESSION['user'])) {
            $user = $_SESSION['user'];
            echo '<input type="hidden" id="userId"
value="'.\$user -> user_id.'">';
        }
        echo '<!-- Product Add to Cart -->
<div class="product-add-to-cart">
    <!-- Adding product to Cart Modal with Button -->
    <button type="button" id="addToCartButton"
class="btn" data-target="#add-to-cart">
        Add To Cart
    </button>
    <div id="response"></div>
    <small class="form-text text-danger ml-2"
id="addToCartHelp"></small>
    <!-- Modal -->
    <div class="modal fade" id="add-to-cart"
tabindex="-1" role="dialog" aria-labelledby="exampleModalCenterTitle" aria-
hidden="true">
        <div class="modal-dialog modal-dialog-
centered" role="document">
            <div class="modal-content">
                <div class="modal-header">
                    <h5 class="modal-title"
id="exampleModalLongTitle">Notification</h5>
                    <button type="button" class="close
button-close-modal" data-dismiss="modal" aria-label="Close">
                        <span aria-
hidden="true">&times;</span>
                    </button>
                </div>
                <div class="modal-body">

```

```
Product added to cart  
successfully!  
  
</div>  
<div class="modal-footer">  
    <button type="button" class="btn"  
data-dismiss="modal">Close</button>  
    <a href="cart.php" class="btn go-  
to-cart">Go To Cart</a>  
        </div>  
    </div>  
    </div>  
    </div>  
    </div>  
    </div>  
    </div>  
    </div>  
</div>';  
echo '<div class="container my-3 py-3">  
    <div class="row">  
        <div class="col-12">  
            <div class="form-group">  
                <label for="ratings" class="font-weight-  
bold">Rate this product:</label>  
                <select class="form-control"  
id="ratings">';  
                $ratingValues =  
tableSelectAll('rating_values');  
                foreach ($ratingValues as $rv) {  
                    echo '<option value="'.$rv.'>' .  
rating_values_id.'"'. $rv .'> rating_values_id.'</option>';  
                }  
                echo '</select>  
                <small class="form-text text-danger ml-2"  
id="rateProductHelp"></small>  
            </div>  
            <button type="button" id="rateProductButton"  
class="btn mt-3 button">Rate product</button>  
            <div id="responseRate">  
                <!-- <small id="contactInformation"  
class="form-text text-success font-weight-bold"></small> -->  
            </div>  
        </div>  
    </div>  
</div>';  
}  
require_once '../includes/footer.php';  
>
```

## User.php

```
<?php
    session_start();
    require_once '../includes/head.php';
    require_once '../includes/header.php';
    require_once '../includes/navigation.php';
    if(isset($_SESSION['user'])) {
        $user = $_SESSION['user'];
        if($user -> role_name == 'user') {
            echo '<div class="container py-5">
                    <div class="row">
                        <div class="col-12 mb-3">
                            <h3 class="text-center">Welcome '.$user ->
                            user_firstname.'</h3>
                        </div>
                    </div>
                    <div class="row">
                        <div class="col-12">
                            <!-- Form -->
                            <div class="col-12 shadow py-3">
                                <div class="row">
                                    <div class="col-12">
                                        <h3 class="font-weight-bold border-
bottom mb-3">Update your data:</h3>
                                        <form id="userDataForm">
                                            <!-- Full name -->
                                            <div class="form-group">
                                                <label for="checkoutName"
class="font-weight-bold">First Name:</label>
                                                <input type="text" class="form-
control" id="updateFirstName" placeholder="Enter full name" value="'.$user ->
user_firstname.'">
                                                <small id="updateFirstNameHelp"
class="form-text">Example: Lazar Jankovic</small>
                                            </div>
                                            <!-- Full name -->
                                            <div class="form-group">
                                                <label for="checkoutName"
class="font-weight-bold">Last Name:</label>
                                                <input type="text" class="form-
control" id="updateLastName" placeholder="Enter full name" value="'.$user ->
user_lastname.'">
                                                <small id="updateLastNameHelp"
class="form-text">Example: Lazar Jankovic</small>
                                            </div>
                                            <input type="hidden" id="userId"
value="'.$user -> user_id.'">
                                            <!-- Update Button -->
                                        </form>
                                    </div>
                                </div>
                            </div>
                        </div>
                    </div>
                </div>
            ';
        }
    }
}
```

```

                <button type="button"
id="updateUserDataButton" class="btn mt-3 button w-100">Update</button>
                <div id="response">

                </div>
            </form>
        </div>
    </div>
</div>
</div>
</div>
</div>
</div class="row my-5">
    <div class="col-12 mb-3">
        <h3 class="text-center">Orders:</h3>
    </div>
</div>
<div class="row mt-2 text-center">
    <div class="col-12 mb-3">
        <div id="orders">
            <div class="row">
                <div class="col-6">
                    <h3>Date</h3>
                </div>
                <div class="col-6">
                    <h3>Price</h3>
                </div>
            </div>';
        $orders = tableSelectAllByColumnValue('orders',
'user_id', $user -> user_id);
        foreach ($orders as $order) {
            $orderDate = strtotime($order ->
order_created_at);
            $orderPrice = $order -> order_price;
            echo '<div class="row">
                <div class="col-12">
                    <div class="row">
                        <div class="col-6">
                            <h3>'.date('m/d/Y',
$orderDate). '</h3>
                        </div>
                        <div class="col-6">
                            <h3>'.$orderPrice.'</h3>
                        </div>
                    </div>
                </div>';
        }
        echo '</div>
    
```

```

                </div>
            </div>
        </div>';
    }
} else {
    echo '<div class="container">
        <div style="height: 500px; width: 100%;" class="row d-flex align-items-center">
            <div class="col-12 d-flex align-items-center justify-content-center">
                <h3 class="text-danger">Oops, it looks like you are administrator!</h3>
            </div>
        </div>
    </div>';
}
} else {
    echo '<div class="container">
        <div style="height: 500px; width: 100%;" class="row d-flex align-items-center">
            <div class="col-12 d-flex align-items-center justify-content-center">
                <h3 class="text-danger">Oops, it looks like you are not logged in!</h3>
            </div>
        </div>
    </div>';
}
require_once '../includes/footer.php';
?>
```

## JS

### Main.js

```

window.onload = function() {
    // Global
    toggleMenu();

    // Index
    if(document.URL.includes('index.php')) {

    }
    if(document.URL.includes('test.php')) {
        testValidation();
    }
    // Shop
    if(document.URL.includes('shop.php')) {
        const colors =
document.querySelector('#collapseColors').querySelectorAll('label');
```

```

        toggleActiveClass(colors, 'active-color');
        triggerFilterProducts();
        addToCart();
        pagination();
    }
    // About us
    if(document.URL.includes('about-us.php')) {

    }
    // Contact
    if(document.URL.includes('contact.php')) {
        contactValidation();
    }
    // Single product
    if(document.URL.includes('single-product.php')) {
        const sizes = document.querySelector("#div-sizes").querySelectorAll('label');
        addActiveClass(sizes, 'active-size');
        quantity();
        addToCart();
        rateProduct();
    }
    // Login
    if(document.URL.includes('login.php')) {
        loginValidation();
        verificationValidation();
    }
    // Register
    if(document.URL.includes('register.php')) {
        showPassword();
        registerValidation();
    }
    // Cart
    if(document.URL.includes('cart.php')) {
        quantity();
        updateQuantity();
        deleteFromCart();
    }
    // Checkout
    if(document.URL.includes('checkout.php')) {
        checkoutValidation();
    }
    // Vote
    if(document.URL.includes('poll.php')) {
        voteValidation();
    }
    // User
    if(document.URL.includes('user.php')) {

```

```

        updateUserData();
    }
    // Admin
    if(document.URL.includes('admin.php')) {
        insertProduct();
        insertSizes();
        insertPrices();
        deleteProduct();
    }
}

// Function for navigation
function toggleMenu() {
    const toggle = document.querySelector('#toggle-button');
    const navbar = document.querySelector('#menu');

    toggle.addEventListener('click', () => {
        navbar.classList.toggle('active');
        toggle.classList.toggle('active');
    });
}

// Function for quantity on single-product page
function quantity() {
    const buttonPlus = document.querySelectorAll('.button-operator-plus');
    const buttonMinus = document.querySelectorAll('.button-operator-minus');
    const buttonResult = document.querySelectorAll('.button-operator-result');
    const quantityMessage = document.querySelectorAll('.quantity-help');

    for (let i = 0; i < buttonPlus.length; i++) {
        buttonPlus[i].addEventListener('click', () => {
            if(buttonResult[i].value >= 1 && buttonResult[i].value < 10) {
                buttonResult[i].value++;
                quantityMessage[i].textContent = "";
            }
            if(buttonResult[i].value >= 10) {
                quantityMessage[i].textContent = "Quantity cannot exceed 10.
If you need to order more, please contact the administrator.";
            }
        });
    }

    buttonMinus[i].addEventListener('click', () => {
        if(buttonResult[i].value <= 1) {
            quantityMessage[i].textContent = "Quantity cannot be
negative.";
        }
        if(buttonResult[i].value >= 2) {
            buttonResult[i].value--;
        }
    });
}

```

```

        quantityMessage[i].textContent = "";
    }
});
}
}

// Function for adding active classes
function addActiveClass(elements, className) {
    elements.forEach(element => {
        element.addEventListener('click', () => {
            elements.forEach(otherElement => {
                otherElement.classList.remove(className);
            });
            element.classList.add(className);
        });
    });
}

function toggleActiveClass(elements, className) {
    elements.forEach(element => {
        element.addEventListener('click', () => {
            element.classList.toggle(className);
        });
    });
}

// Function to toggle password visibility
function showPassword() {
    const passwords = document.querySelectorAll(".passwords");
    const iconPassword = document.querySelectorAll('.show-password');
    for(let i = 0; i < iconPassword.length; i++) {
        iconPassword[i].addEventListener('click', () => {
            if (passwords[i].type === "password") {
                passwords[i].type = "text";
                iconPassword[i].classList.add('active-show-password');
            } else {
                passwords[i].type = "password";
                iconPassword[i].classList.remove('active-show-password');
            }
        });
    }
}

// Function to clear form elements when its done
function clearFrom(arrayElements, formElement) {
    arrayElements.forEach(element => {
        element.removeClass('border-success');
    });
}

```

```

        formElement[0].reset();
    }

// Function to send data with ajax
function ajaxCallBack(file, method, data, result) {
    $.ajax({
        url: '../logic/' + file + '.php',
        method: method,
        data: data,
        dataType: 'json',
        success: result,
        error: function(xhr) {
            console.log(xhr);
            if(xhr.status == 401) {
                $('#response').html(`<small id="responseInformation"
class="form-text text-danger font-weight-
bold">${xhr.responseJSON.message}</small>`);
            }
            if(xhr.status == 422) {
                $('#response').html(`<small id="responseInformation"
class="form-text text-danger font-weight-
bold">${xhr.responseJSON.message}</small>`);
            }
            if(xhr.status == 403) {
                $('#responseRate').html(`<small id="responseInformation"
class="form-text text-danger font-weight-
bold">${xhr.responseJSON.message}</small>`);
            }
            if(xhr.status == 409) {
                $('#response').html(`<small id="responseInformation"
class="form-text text-danger font-weight-
bold">${xhr.responseJSON.message}</small>`);
            }
            if(xhr.status == 500) {
                $('#response').html(`<small id="responseInformation"
class="form-text text-danger font-weight-
bold">${xhr.responseJSON.message}</small>`);
            }
        });
    });
}

// Function to validate contact data
function contactValidation() {
    let name = $('#contactName');
    let email = $('#contactEmail');
    let message = $('#contactMessage');

```

```

let nameHelp = $('#contactNameHelp');
let emailHelp = $('#contactEmailHelp');
let messageHelp = $('#contactMessageHelp');

let regexName = /^[A-Z][a-z]{2,19}([A-Z][a-z]{2,19})*$/;
let regexEmail = /^[a-zA-Z0-9._%+-]{1,64}@[a-zA-Z0-9.-]+\.(a-zA-Z]{2,})$/;
let regexMessage = /^[A-Z][\w\s\d.,!?-]{9,149}$/i;

let errorCounter = 0;

// Initial check
if(!regexName.test($('#name').val())) {
    errorCounter++;
}
if(!regexEmail.test($('#email').val())) {
    errorCounter++;
}
if(!regexMessage.test($('#message').val())) {
    errorCounter++;
}

function checkContactName() {
    if(!regexName.test($('#name').val())) {
        errorCounter++;
        nameHelp.addClass('text-danger');
        nameHelp.text('Please enter a valid name. Example: Lazar');
        name.addClass('border-danger');
    }
    else {
        nameHelp.removeClass('text-danger');
        nameHelp.text('');
        name.removeClass('border-danger');
        name.addClass('border-success');
    }
}

function checkContactEmail() {
    if(!regexEmail.test($('#email').val())) {
        errorCounter++;
        emailHelp.addClass('text-danger');
        emailHelp.text('Please enter a valid email address. Example: luxefashion@gmail.com');
        email.addClass('border-danger');
    }
    else {
        emailHelp.removeClass('text-danger');
        emailHelp.text('');
    }
}

```

```

        email.removeClass('border-danger');
        email.addClass('border-success');
    }
}

function checkContactMessage() {
    if(!regexMessage.test($('#message').val())) {
        errorCounter++;
        messageHelp.addClass('text-danger');
        messageHelp.text('Please enter a valid message. Between 10 and 150
characters long.');
        message.addClass('border-danger');
    }
    else {
        messageHelp.removeClass('text-danger');
        messageHelp.text('');
        message.removeClass('border-danger');
        message.addClass('border-success');
    }
}

name.on('focusout', function() {
    checkContactName();
});

email.on('focusout', function() {
    checkContactEmail();
});

message.on('focusout', function() {
    checkContactMessage();
});

$(document).on('click', '#contactButton', function() {
    errorCounter = 0;
    checkContactName();
    checkContactEmail();
    checkContactMessage();

    if(errorCounter == 0) {
        let arrayElements = [name, email, message];
        let formElement = $('#contactForm');

        let data = {
            'name': name.val(),
            'email': email.val(),
            'message': message.val(),
            'button': true
        };
    }
});

```

```

        ajaxCallBack('contactForm', 'post', data, function(result) {
            $('#response').html(`<small id="responseInformation"
class="form-text text-success font-weight-
bold">${result.message}</small>`).fadeIn().delay(3000).fadeOut();
            clearFrom(arrayElements, formElement);
        });
    }

    errorCounter = 0;
});
}

// Function to validate login data
function loginValidation() {
    let username = $('#loginUsername');
    let password = $('#loginPassword');
    let usernameHelp = $('#loginUsernameHelp');
    let passwordHelp = $('#loginPasswordHelp');

    let regexUsername = /^[a-zA-Z0-9]{3,16}$/;
    let regexPassword = /^(?=.*[A-Za-z])(?=.*\d)[A-Za-z\d]{8,16}$/;

    let errorCounter = 0;

    // Initial check
    if(!regexUsername.test($('#username').val())) {
        errorCounter++;
    }
    if(!regexPassword.test($('#password').val())) {
        errorCounter++;
    }

    function checkLoginUsername() {
        if(!regexUsername.test($('#username').val())) {
            errorCounter++;
            usernameHelp.addClass('text-danger');
            usernameHelp.text('Please enter a valid username.');
            username.addClass('border-danger');
        }
        else {
            usernameHelp.removeClass('text-danger');
            usernameHelp.text('');
            username.removeClass('border-danger');
            username.addClass('border-success');
        }
    }

    function checkLoginPassword() {

```

```

        if(!regexPassword.test($(password).val())) {
            errorCounter++;
            passwordHelp.addClass('text-danger');
            passwordHelp.text('Please enter a valid password.');
            password.addClass('border-danger');
        }
        else {
            passwordHelp.removeClass('text-danger');
            passwordHelp.text('');
            password.removeClass('border-danger');
            password.addClass('border-success');
        }
    }

username.on('focusout', function() {
    checkLoginUsername();
});
password.on('focusout', function() {
    checkLoginPassword();
});

$(document).on('click', '#loginButton', function() {
    errorCounter = 0;
    checkLoginUsername();
    checkLoginPassword();

    if(errorCounter == 0) {
        let arrayElements = [username, password];
        let formElement = $('#loginForm');

        let data = {
            'username': username.val(),
            'password': password.val(),
            'button': true
        };

        ajaxCallBack('loginForm', 'post', data, function(result) {
            if(result.message == 'not verified') {
                $('#response').html(`<div id="verificationForm">
                    <div class="form-group">
                        <label for="verificationCode" class="font-weight-bold my-2">Sorry, it looks like you haven't entered your verification code yet. Please enter your code in the designated field to complete the verification process and gain access to your account.</label>
                        <input type="text" class="form-control" id="verificationCode" placeholder="Enter verification code">
                        <small id="verificationCodeHelp" class="form-text">Please enter your verification code</small>
                `);
            }
        });
    }
});

```

```

        </div>
        <button type="button" id="verificationButton" class="btn mt-3 button">Verify</button>
    </div>`);
}
else {
    $('#response').html(`<small id="responseInformation" class="form-text text-success font-weight-bold">${result.message}</small>`).fadeIn().delay(3000).fadeOut();
    window.setTimeout(function() {
        window.location = 'index.php';
    }, 3000);
    clearFrom(arrayElements, formElement);
}
});

errorCounter = 0;
});

}

// Function to validate verify data
function verificationValidation() {
$(document).on('click', '#verificationButton', function() {
    let verificationCode = $('#verificationCode');
    let verificationCodeHelp = $('#verificationCodeHelp');
    let username = $('#loginUsername');
    let password = $('#loginPassword');

    let regexCode = /^\d{5}$/;
    let regexUsername = /^[a-zA-Z0-9]{3,16}$/;
    let regexPassword = /^(?=.*[A-Za-z])(?=.*\d)[A-Za-z\d]{8,16}$/;

    errorCounter = 0;

    if(!regexUsername.test($(username).val())) {
        errorCounter++;
    }
    if(!regexPassword.test($(password).val())) {
        errorCounter++;
    }
    if(!regexCode.test($('#verificationCode').val())) {
        errorCounter++;
        $(verificationCodeHelp).addClass('text-danger');
        $(verificationCodeHelp).text('Please enter a valid verification code.');
        $('#verificationCode').addClass('border-danger');
    }
}

```

```

if(errorCounter == 0) {
    let data = {
        'username': username.val(),
        'password': password.val(),
        'verificationCode': verificationCode.val(),
        'button': true
    };

    ajaxCallBack('verificationForm', 'post', data, function(result) {
        $('#response').html(`<small id="responseInformation"
class="form-text text-success font-weight-
bold">${result.message}</small>`).fadeIn().delay(3000).fadeOut();
        window.setTimeout(function() {
            window.location = 'index.php';
        }, 3000);
    });
}
});

// Function to validate register data
function registerValidation() {
    let firstName = $('#registerFirstName');
    let lastName = $('#registerLastName');
    let username = $('#registerUsername');
    let email = $('#registerEmail');
    let password = $('#registerPassword');
    let retypePassword = $('#registerRetypePassword');
    let gender = $('input[name="registerGender"]');
    let phone = $('#registerPhone');

    let firstNameHelp = $('#firstNameHelp');
    let lastNameHelp = $('#lastNameHelp');
    let usernameHelp = $('#usernameHelp');
    let emailHelp = $('#emailHelp');
    let passwordHelp = $('#passwordHelp');
    let retypePasswordHelp = $('#retypePasswordHelp');
    let genderHelp = $('#genderHelp');
    let phoneHelp = $('#phoneHelp');

    let regexName = /^[A-Z][a-z]{2,19}([A-Z][a-z]{2,19})*$/;
    let regexUsername = /^[a-zA-Z0-9]{3,16}$/;
    let regexEmail = /^[a-zA-Z0-9._%+-]{1,64}@([a-zA-Z0-9.-]+)\.([a-zA-Z]{2,})$/;
    let regexPassword = /^(?=.*[A-Za-z])(?=.*\d)[A-Za-z\d]{8,16}$/;
    let regexPhone = /^+[0-9]{6,14}[0-9]$/;
}

```

```

let errorCounter = 0;

if(!regexName.test($(firstName).val())) {
    errorCounter++;
}
if(!regexName.test($(lastName).val())) {
    errorCounter++;
}
if(!regexUsername.test($(username).val())) {
    errorCounter++;
}
if(!regexEmail.test($(email).val())) {
    errorCounter++;
}
if(!regexPassword.test($(password).val())) {
    errorCounter++;
}
if($(retypePassword).val() !== $(password).val()) {
    errorCounter++;
}
if($(gender).length == 0) {
    errorCounter++;
}
if($(phone).val() === '') {
    if(!regexPhone.test($(phone).val())) {
        errorCounter++;
    }
}
}

function checkRegisterFirstName() {
    if(!regexName.test($(firstName).val())) {
        errorCounter++;
        firstNameHelp.addClass('text-danger');
        firstNameHelp.text('Please enter a valid name. Example: Lazar');
        firstName.addClass('border-danger');
    }
    else {
        firstNameHelp.removeClass('text-danger');
        firstNameHelp.text('');
        firstName.removeClass('border-danger');
        firstName.addClass('border-success');
    }
}

function checkRegisterLastName() {
    if(!regexName.test($(lastName).val())) {
        errorCounter++;
    }
}

```

```

lastNameHelp.addClass('text-danger');
lastNameHelp.text('Please enter a valid name. Example: Jankovic');
lastName.addClass('border-danger');
}
else {
    lastNameHelp.removeClass('text-danger');
    lastNameHelp.text('');
    lastName.removeClass('border-danger');
    lastName.addClass('border-success');
}
}

function checkRegisterUsername() {
    if(!regexUsername.test($('#username').val())) {
        errorCounter++;
        usernameHelp.addClass('text-danger');
        usernameHelp.text('Please enter a valid username. Example:
LazarJ');
        username.addClass('border-danger');
    }
    else {
        usernameHelp.removeClass('text-danger');
        usernameHelp.text('');
        username.removeClass('border-danger');
        username.addClass('border-success');
    }
}

function checkRegisterEmail() {
    if(!regexEmail.test($('#email').val())) {
        errorCounter++;
        emailHelp.addClass('text-danger');
        emailHelp.text('Please enter a valid email address. Example:
luxefashion@gmail.com');
        email.addClass('border-danger');
    }
    else {
        emailHelp.removeClass('text-danger');
        emailHelp.text('');
        email.removeClass('border-danger');
        email.addClass('border-success');
    }
}

function checkRegisterPassword() {
    if(!regexPassword.test($('#password').val())) {
        errorCounter++;
        passwordHelp.addClass('text-danger');
    }
}

```

```

        passwordHelp.text('Please enter a valid password. Example:
password1');
        password.addClass('border-danger');
    }
    else {
        passwordHelp.removeClass('text-danger');
        passwordHelp.text('');
        password.removeClass('border-danger');
        password.addClass('border-success');
    }
}

function checkRegisterRtypePassword() {
    if($('#retypePassword').val() !== $(password).val()) {
        errorCounter++;
        retypePasswordHelp.addClass('text-danger');
        retypePasswordHelp.text('The password should be exactly the same
as the one you entered above.');
        retypePassword.addClass('border-danger');
    }
    else {
        retypePasswordHelp.removeClass('text-danger');
        retypePasswordHelp.text('');
        retypePassword.removeClass('border-danger');
        retypePassword.addClass('border-success');
    }
}

function checkRegisterGender() {
    if($('input[name="registerGender"]:checked').length === 0) {
        errorCounter++;
        genderHelp.addClass('text-danger');
        genderHelp.text('Please select your gender from the options
provided above.');
    }
    else {
        genderHelp.removeClass('text-danger');
        genderHelp.text('');
    }
}

function checkRegisterPhone() {
    if($('#phone').val() !== '') {
        if(!regexPhone.test($('#phone').val())) {
            errorCounter++;
            phoneHelp.addClass('text-danger');
            phoneHelp.text('Please enter a valid phone number. Example:
+381 555 555');
        }
    }
}

```

```

        phone.addClass('border-danger');
    }
    else {
        phoneHelp.removeClass('text-danger');
        phoneHelp.text('');
        phone.removeClass('border-danger');
        phone.addClass('border-success');
    }
}

firstName.on('focusout', function() {
    checkRegisterFirstName();
});

lastName.on('focusout', function() {
    checkRegisterLastName();
});

username.on('focusout', function() {
    checkRegisterUsername();
});

email.on('focusout', function() {
    checkRegisterEmail();
});

password.on('focusout', function() {
    checkRegisterPassword();
    checkRegisterRetypePassword();
});

retypePassword.on('focusout', function() {
    checkRegisterRetypePassword();
});

gender.on('focusout', function() {
    checkRegisterGender();
});

phone.on('focusout', function() {
    checkRegisterPhone();
});

$(document).on('click', '#registerButton', function() {
    errorCounter = 0;
    checkRegisterFirstName();
    checkRegisterLastName();
    checkRegisterUsername();
    checkRegisterEmail();
    checkRegisterPassword();
    checkRegisterRetypePassword();
    checkRegisterGender();
    checkRegisterPhone();
});

```

```

        if(errorCounter == 0) {
            let arrayElements = [firstName, lastName, username, email,
password, retypePassword, gender, phone];
            let formElement = $('#registerForm');

            let data = {
                'firstName': firstName.val(),
                'lastName': lastName.val(),
                'username': username.val(),
                'email': email.val(),
                'password': password.val(),
                'retypePassword': retypePassword.val(),
                'gender': $('input[name="registerGender"]:checked').val(),
                'phone': phone.val(),
                'button': true
            };

            ajaxCallBack('registerForm', 'post', data, function(result) {
                $('#verification-code').html(`<small id="responseInformation"
class="form-text text-success font-weight-bold"><span
class="h4">${result.verificationCode}</span></small>`);
                $('#response').html(`<small id="responseInformation"
class="form-text text-success font-weight-
bold">${result.message}</small>`).fadeIn().delay(3000).fadeOut();
                clearFrom(arrayElements, formElement);
            });
        }

        errorCounter = 0;
    });
}

// Function to validate checkout data
function checkoutValidation() {
    let name = $('#checkoutName');
    let email = $('#checkoutEmail');
    let phone = $('#checkoutPhone');
    let country = $('#checkoutCountry');
    let address = $('#checkoutAddress');
    let postcode = $('#checkoutPostcode');
    let price = $('#summary');
    let userId = $('#userId');

    let nameHelp = $('#nameHelp');
    let emailHelp = $('#emailHelp');
    let phoneHelp = $('#phoneHelp');
    let countryHelp = $('#countryHelp');
    let addressHelp = $('#addressHelp');
}

```

```

let postcodeHelp = $('#postcodeHelp');

let regexName = /^[A-Z][a-z]{2,19}([A-Z][a-z]{2,19})*$/;
let regexEmail = /^[a-zA-Z0-9._%+-]{1,64}@[a-zA-Z0-9.-]+\.(a-zA-Z]{2,})$/;
let regexPhone = /^\+([0-9].?){6,14}[0-9]$/;
let regexAddress = /^[\w\s.,'-]{5,50}$/i;
let regexPostcode = /^[a-zA-Z0-9\s-]{3,12}$/;

let errorCounter = 0;

if(!regexName.test($('#name').val())) {
    errorCounter++;
}
if(!regexEmail.test($('#email').val())) {
    errorCounter++;
}
if(!regexPhone.test($('#phone').val())) {
    errorCounter++;
}
if($('#country').val() == "0") {
    errorCounter++;
}
if(!regexAddress.test($('#address').val())) {
    errorCounter++;
}
if(!regexPostcode.test($('#postcode').val())) {
    errorCounter++;
}

function checkCheckoutName() {
    if(!regexName.test($('#name').val())) {
        errorCounter++;
        nameHelp.addClass('text-danger');
        nameHelp.text('Please enter a valid name. Example: Lazar Jankovic');
        name.addClass('border-danger');
    }
    else {
        nameHelp.removeClass('text-danger');
        nameHelp.text('');
        name.removeClass('border-danger');
        name.addClass('border-success');
    }
}

function checkCheckoutEmail() {
    if(!regexEmail.test($('#email').val())) {

```

```

        errorCounter++;
        emailHelp.addClass('text-danger');
        emailHelp.text('Please enter a valid email address. Example:
luxefashion@gmail.com');
        email.addClass('border-danger');
    }
    else {
        emailHelp.removeClass('text-danger');
        emailHelp.text('');
        email.removeClass('border-danger');
        email.addClass('border-success');
    }
}

function checkCheckoutPhone() {
    if(!regexPhone.test($('#phone').val())) {
        errorCounter++;
        phoneHelp.addClass('text-danger');
        phoneHelp.text('Please enter a valid phone number. Example: +381
555 555');
        phone.addClass('border-danger');
    }
    else {
        phoneHelp.removeClass('text-danger');
        phoneHelp.text('');
        phone.removeClass('border-danger');
        phone.addClass('border-success');
    }
}

function checkCheckoutCountry() {
    if($('#country').val() == "0") {
        errorCounter++;
        countryHelp.addClass('text-danger');
        countryHelp.text('Please select your country from the options
provided above.');
        country.addClass('border-danger');
    }
    else {
        countryHelp.removeClass('text-danger');
        countryHelp.text('');
        country.removeClass('border-danger');
        country.addClass('border-success');
    }
}

function checkCheckoutAddress() {
    if(!regexAddress.test($('#address').val())) {

```

```

        errorCounter++;
        addressHelp.addClass('text-danger');
        addressHelp.text('Please enter a valid address. Example: Belgrade,
Street 22');
        address.addClass('border-danger');
    }
else {
    addressHelp.removeClass('text-danger');
    addressHelp.text('');
    address.removeClass('border-danger');
    address.addClass('border-success');
}
}

function checkCheckoutPostcode() {
if(!regexPostcode.test($('#postcode').val())) {
    errorCounter++;
    postcodeHelp.addClass('text-danger');
    postcodeHelp.text('Please enter a valid postcode. Example:
11500');
    postcode.addClass('border-danger');
}
else {
    postcodeHelp.removeClass('text-danger');
    postcodeHelp.text('');
    postcode.removeClass('border-danger');
    postcode.addClass('border-success');
}
}

name.on('focusout', function() {
    checkCheckoutName();
});
email.on('focusout', function() {
    checkCheckoutEmail();
});
phone.on('focusout', function() {
    checkCheckoutPhone();
});
country.on('focusout', function() {
    checkCheckoutCountry();
});
address.on('focusout', function() {
    checkCheckoutAddress();
});
postcode.on('focusout', function() {
    checkCheckoutPostcode();
});
}

```

```

$(document).on('click', '#checkoutButton', function() {
    errorCounter = 0;
    checkCheckoutName();
    checkCheckoutEmail();
    checkCheckoutPhone();
    checkCheckoutCountry();
    checkCheckoutAddress();
    checkCheckoutPostcode();

    if(errorCounter == 0) {
        let arrayElements = [name, email, phone, country, address,
postcode];
        let formElement = $('#checkoutForm');

        let data = {
            'name': name.val(),
            'email': email.val(),
            'phone': phone.val(),
            'countryId': country.val(),
            'address': address.val(),
            'postcode': postcode.val(),
            'price': price.text(),
            'userId': userId.val(),
            'button': true
        };
        ajaxCallBack('checkoutForm', 'post', data, function(result) {
            $('#response').html(`<small id="responseInformation"
class="form-text text-success font-weight-
bold">${result.message}</small>`).fadeIn().delay(3000).fadeOut();
            clearFrom(arrayElements, formElement);
        });
    }
    errorCounter = 0;
});
}

// Function to validate vote data
function voteValidation() {
    $(document).on('click', '#voteButton', function() {
        let poll = $('input[name="poll"]:checked');
        let voteHelp = $('#voteHelp');
        let userId = $('#userId');
        let questionId = $('#questionId');

        let regexId = /^\\d+$/;

```

```

        errorCounter = 0;

        if($(poll).length === 0) {
            errorCounter++;
            voteHelp.addClass('text-danger');
            voteHelp.text('Please select your gender from the options provided above.');
        }
        if(!regexId.test($(userId).val())) {
            voteHelp.addClass('text-danger');
            voteHelp.text('User ID is not valid.');
        }
        if(!regexId.test($(questionId).val())) {
            voteHelp.addClass('text-danger');
            voteHelp.text('Question ID is not valid.');
        }

        if(errorCounter == 0) {
            let data = {
                'pollAnswerId': poll.val(),
                'pollUserId': userId.val(),
                'pollQuestionId': questionId.val(),
                'button': true
            };

            ajaxCallBack('pollForm', 'post', data, function(result) {
                $('#response').html(`<small id="responseInformation" class="form-text text-success font-weight-bold">${result.message}</small>`).fadeIn().delay(3000).fadeOut();
                window.setTimeout(function() {
                    window.location = 'index.php';
                }, 3000);
            });
        }
    });

// Function to update user data
function updateUserData() {
    let firstName = $('#updateFirstName');
    let lastName = $('#updateLastName');
    let firstNameHelp = $('#updateFirstNameHelp');
    let lastNameHelp = $('#updateLastNameHelp');
    let userId = $('#userId');
    let regexId = /^[\d+$/;
    let regexName = /^[A-Z][a-z]{2,19}([A-Z][a-z]{2,19})*$/;
}

```

```

let errorCounter = 0;

if(!regexName.test($(firstName).val())) {
    errorCounter++;
}
if(!regexName.test($(lastName).val())) {
    errorCounter++;
}
if(!regexId.test($(userId).val())) {
    voteHelp.addClass('text-danger');
    voteHelp.text('User ID is not valid.');
}

function checkRegisterFirstName() {
    if(!regexName.test($(firstName).val())) {
        errorCounter++;
        firstNameHelp.addClass('text-danger');
        firstNameHelp.text('Please enter a valid name. Example: Lazar');
        firstName.addClass('border-danger');
    }
    else {
        firstNameHelp.removeClass('text-danger');
        firstNameHelp.text('');
        firstName.removeClass('border-danger');
        firstName.addClass('border-success');
    }
}

function checkRegisterLastName() {
    if(!regexName.test($(lastName).val())) {
        errorCounter++;
        lastNameHelp.addClass('text-danger');
        lastNameHelp.text('Please enter a valid name. Example: Jankovic');
        lastName.addClass('border-danger');
    }
    else {
        lastNameHelp.removeClass('text-danger');
        lastNameHelp.text('');
        lastName.removeClass('border-danger');
        lastName.addClass('border-success');
    }
}

firstName.on('focusout', function() {
    checkRegisterFirstName();
});

lastName.on('focusout', function() {
    checkRegisterLastName();
});

```

```

});
```

```

$(document).on('click', '#updateUserDataButton', function() {
    errorCounter = 0;
    checkRegisterFirstName();
    checkRegisterLastName();

    if(errorCounter == 0) {
        let data = {
            'firstName': firstName.val(),
            'lastName': lastName.val(),
            'userId': userId.val(),
            'button': true
        };

        ajaxCallBack('userDataForm', 'post', data, function(result) {
            $('#response').html(`<small id="responseInformation"
class="form-text text-success font-weight-
bold">${result.message}</small>`).fadeIn().delay(3000).fadeOut();
            window.setTimeout(function() {
                window.location = 'user.php';
            }, 3000);
        });
    }

    errorCounter = 0;
});
```

```

});
```

```

function selectFilterElements() {
    let selectedCategories = [];
    let allCategories = [];
    let selectedBrands = [];
    let allBrands = [];
    let selectedColors = [];
    let allColors = [];
    let selectedGender = [];
    let allGenders = [];
    let selectedDiscounts = [];
    let allDiscounts = [];

    // categories
    $('input[name="categories"]').each(function(el) {
        allCategories.push(parseInt($(this).val()));
    });
    $('input[name="categories"]:checked').each(function(el) {
        selectedCategories.push(parseInt($(this).val()));
    });
}
```

```

// brands
$('input[name="brands"]').each(function(el) {
    allBrands.push(parseInt($(this).val()));
});
$('input[name="brands"]:checked').each(function(el) {
    selectedBrands.push(parseInt($(this).val()));
});

// sizes
$('input[name="colors"]').each(function(el) {
    allColors.push(parseInt($(this).val()));
});
$('input[name="colors"]:checked').each(function(el) {
    selectedColors.push(parseInt($(this).val()));
});

// discount
$('input[name="discount"]').each(function(el) {
    allDiscounts.push(0);
});
$('input[name="discount"]:checked').each(function(el) {
    selectedDiscounts.push(parseInt($(this).val()));
});

// genders
$('input[name="gender"]').each(function(el) {
    allGenders.push(parseInt($(this).val()));
});
$('input[name="gender"]:checked').each(function(el) {
    selectedGender.push(parseInt($(this).val()));
});

var arr = {
    selectedCategories: selectedCategories,
    allCategories: allCategories,
    selectedBrands: selectedBrands,
    allBrands: allBrands,
    selectedColors: selectedColors,
    allColors: allColors,
    selectedGender: selectedGender,
    allGenders: allGenders,
    selectedDiscounts: selectedDiscounts,
    allDiscounts: allDiscounts
}
return arr;
}

```

```

function clearFilterElements() {
    $('input[type=checkbox]').each(function() {
        this.checked = false;
    });
    $('#collapseColors').find('label').removeClass('active-color');
    $('input[type=radio]').each(function() {
        this.checked = false;
    });
    $('input[type=text]').each(function() {
        $(this).val('');
    });
    $('#sort').prop('selectedIndex', 0);
}

function filterProducts() {
    let arr = selectFilterElements();
    let selectedCategories = arr['selectedCategories'];
    let allCategories = arr['allCategories'];
    let selectedBrands = arr['selectedBrands'];
    let allBrands = arr['allBrands'];
    let selectedColors = arr['selectedColors'];
    let allColors = arr['allColors'];
    let selectedGenders = arr['selectedGender'];
    let allGenders = arr['allGenders'];
    let allDiscounts = arr['allDiscounts'];
    let selectedDiscounts = arr['selectedDiscounts'];

    if(selectedCategories.length == 0) {
        selectedCategories = allCategories;
    }
    if(selectedBrands.length == 0) {
        selectedBrands = allBrands;
    }
    if(selectedGenders.length == 0) {
        selectedGenders = allGenders;
    }
    if(selectedColors.length == 0) {
        selectedColors = allColors;
    }
    if(selectedDiscounts.length == 0) {
        selectedDiscounts = allDiscounts;
    }

    let search = $('#search').val();
    let sort = $('#sort')[0].selectedIndex;

    data = {};
}

```

```

data = {
    'categoryIds': selectedCategories,
    'brandIds': selectedBrands,
    'colorIds': selectedColors,
    'genderIds': selectedGenders,
    'discountIds': selectedDiscounts,
    'search': search,
    'sort': sort
};

ajaxCallBack('filterProducts', 'POST', data, function(result) {
    let html = showProducts(result[0], result[1], result[2]);
    $('#productsResult').html(html);
});
}

function triggerFilterProducts() {
    $(document).on('change', '#collapseCategories', function() {
        filterProducts();
    });
    $(document).on('change', '#collapseBrands', function() {
        filterProducts();
    });
    $(document).on('change', '#collapseDiscount', function() {
        filterProducts();
    });
    $(document).on('change', '#collapseColors', function() {
        filterProducts();
    });
    $(document).on('change', '#collapseGender', function() {
        filterProducts();
    });
    $(document).on('change', '#sort', function() {
        filterProducts();
    });
    $(document).on('input', '#search', function() {
        filterProducts();
    });
    $(document).on('click', '#clear', function() {
        clearFilterElements();
        let arr = selectFilterElements();
        let allCategories = arr['allCategories'];
        let allBrands = arr['allBrands'];
        let allColors = arr['allColors'];
        let allGenders = arr['allGenders'];
        let allDiscounts = arr['allDiscounts'];
        let search = '';
        let sort = 0;
    });
}

```

```

        data = {
            'clearButton': true,
            'categoryIds': allCategories,
            'brandIds': allBrands,
            'colorIds': allColors,
            'genderIds': allGenders,
            'discountIds': allDiscounts,
            'search': search,
            'sort': sort
        };

        ajaxCallBack('filterProducts', 'POST', data, function(result) {
            let html = showProducts(result[0], result[1], result[2]);
            $('#productsResult').html(html);
        });
    });
}

function showProducts(products, ratingValues, productIds) {
    let html = '';
    if(products.length == 0) {
        html += '<div class="col-12 d-flex justify-content-center align-items-center py-3"><p>There are no products for the selected criteria.</p></div>';
    }
    else {
        for(let product of products) {
            html += `<!-- Product --&gt;
&lt;div class="col-lg-4 col-sm-6 col-12"&gt;
    &lt;div class="product m-1 p-md-3 p-1"&gt;
        &lt;div style="background-
image:url(..images/products/${product.product_image}.png); " class="product-
image"&gt;
            &lt;div class="overlay-product-image"&gt;
                &lt;div class="product-icons"&gt;
                    <!-- Modal add to cart icon --&gt;
                    &lt;a href="javascript:void(0)" data-
toggle="modal" data-target="#add-to-cart" title="Add To Cart"&gt;&lt;i class="fa-
solid fa-cart-shopping"&gt;&lt;/i&gt;&lt;/a&gt;
                    &lt;a href="single-
product.php?product_id=${product.product_id}" data-toggle="tooltip"
title="View Product"&gt;&lt;i class="fa-solid fa-eye"&gt;&lt;/i&gt;&lt;/a&gt;
                &lt;/div&gt;
            &lt;/div&gt;
        &lt;/div&gt;
    &lt;/div&gt;
&lt;/div&gt;
&lt;div class="product-text"&gt;
    &lt;h3 class="my-2"&gt;${product.product_name}&lt;/h3&gt;
    &lt;p class="stars"&gt;` ;
    }
}
</pre>

```

```

        let htmlStars = '';
        const productIndex =
productIds.indexOf(product.product_id);
        if(productIndex !== -1) {
            const ratingValue =
ratingValues[productIndex];
            if(ratingValue == 0) {
                for(let i = 0; i < 5; i++) {
                    htmlStars += '<i class="fa-solid fa-star"></i> ';
                }
            }
            for(let j = 0; j < ratingValue; j++) {
                htmlStars += '<i class="fa-solid fa-star star-filled"></i> ';
            }
        }
        html += htmlStars;
        html += `</p>`;
        if(product.price_old != null) {
            html += `<p class="price-text-old mr-2">${product.price_old}</p>`;
        }
        else {
            html += `<p class="price-text-old mr-2"></p>`;
        }
        html += `<p class="price-text-new">${product.price_new}</p>
    </div>
</div>
<!-- Modal Add To Cart --&gt;
&lt;div class="product-add-to-cart"&gt;
    &lt;div class="modal fade" id="add-to-cart" tabindex="-1"
role="dialog" aria-labelledby="exampleModalCenterTitle" aria-hidden="true"&gt;
        &lt;div class="modal-dialog modal-dialog-centered"
role="document"&gt;
            &lt;div class="modal-content"&gt;
                &lt;div class="modal-header"&gt;
                    &lt;h5 class="modal-title"
id="exampleModalLongTitle"&gt;Notification&lt;/h5&gt;
                    &lt;button type="button" class="close button-close-modal" data-dismiss="modal" aria-label="Close"&gt;
                        &lt;span aria-
hidden="true"&gt;&amp;times;&lt;/span&gt;
                    &lt;/button&gt;
                &lt;/div&gt;
                &lt;div class="modal-body"&gt;
</pre>

```

```

        Product added to cart successfully!
    </div>
    <div class="modal-footer">
        <button type="button" class="btn" data-
dismiss="modal">Close</button>
        <a href="cart.html" class="btn go-to-
cart">Go To Cart</a>
    </div>
    </div>
    </div>
    </div>
    </div>
    </div>
    </div>
` ;
}
}

return html;
}

function insertProduct() {
let productName = $('#productName');
let productDescription = $('#productDescription');
let productImage = $('#productImage');
let productNameHelp = $('#productNameHelp');
let productImageHelp = $('#productImageHelp');
let productDescriptionHelp = $('#productDescriptionHelp');

let regexText = /^[a-zA-Z]{1,50}$/;
let regexDesc = /^[a-zA-Z0-9\s\.,-]{0,500}$/;
$(document).on('click', '#addProductButton', function() {
    errorCounter = 0;
    if(!regexText.test($('#productName').val())) {
        errorCounter++;
        productNameHelp.text('Max length: 50');
    }
    if(!regexText.test($('#productImage').val())) {
        errorCounter++;
        productImageHelp.text('Max length: 50');
    }
    if(!regexDesc.test($('#productDescription').val())) {
        errorCounter++;
        productDescriptionHelp.text('Max length: 500');
    }
}

let categoryId = $('#category').val();
let brandId = $('#brand').val();
let colorId = $('#color').val();
let genderId = $('#gender').val();
}

```

```

if(errorCounter == 0) {
    let data = {
        'productName': productName.val(),
        'productImage': productImage.val(),
        'productDescription': productDescription.val(),
        'categoryId': categoryId,
        'brandId': brandId,
        'colorId': colorId,
        'genderId': genderId,
        'button': true
    };

    ajaxCallBack('addProduct', 'post', data, function(result) {
        $('#response').html(`<small id="responseInformation"
class="form-text text-success font-weight-
bold">${result.message}</small>`).fadeIn().delay(3000).fadeOut();
    });
}
else {
    console.log(errorCounter);
}
});

}

function insertSizes() {
$(document).on('click', '#addSizesButton', function() {
    let productId = $('#product').val();
    let sizeIds = [];
    let sizesHelp = $('#sizesHelp');

    $('input[name="sizes"]:checked').each(function(el) {
        sizeIds.push(parseInt($(this).val()));
    });

    let errorCounter = 0;

    if(sizeIds.length == 0) {
        errorCounter++;
        sizesHelp.addClass('text-danger');
    }

    if(errorCounter == 0) {
        let data = {
            'productId': productId,
            'sizeIds': sizeIds,
            'button': true
        };
    }
}

```

```

        ajaxCallBack('addSizes', 'post', data, function(result) {
            $('#responseSizes').html(`<small id="responseInformation"
class="form-text text-success font-weight-
bold">${result.message}</small>`).fadeIn().delay(3000).fadeOut();
        });
    }
    else {
        console.log(errorCounter);
    }
});

function insertPrices() {
    $(document).on('click', '#addPricesButton', function() {
        let productId = $('#productPriceId').val();
        let productPriceNew = $('#productPriceNew');
        let productPriceNewHelp = $('#productPriceNewHelp');
        let productPriceOld = $('#productPriceOld');

        let regexPrice = /^\\d+(?:\\.\\d{1,2})?$/;

        let errorCounter = 0;

        if(!regexPrice.test($('#productPriceNew').val())) {
            errorCounter++;
            productPriceNewHelp.text('Example: 30.99');
            productPriceNewHelp.addClass('text-danger');
        }

        if(errorCounter == 0) {
            let data = {
                'productId': productId,
                'productPriceNew': productPriceNew.val(),
                'productPriceOld': productPriceOld.val(),
                'button': true
            };

            ajaxCallBack('addPrices', 'post', data, function(result) {
                $('#responsePrices').html(`<small id="responseInformation"
class="form-text text-success font-weight-
bold">${result.message}</small>`).fadeIn().delay(3000).fadeOut();
            });
        }
        else {
            console.log(errorCounter);
        }
    });
}

```

```

function deleteProduct() {
    $(document).on('click', '#deleteProductButton', function() {
        let productId = $('#productDeleteId').val();
        let data = {
            'productId': productId,
            'button': true
        };

        ajaxCallBack('deleteProduct', 'post', data, function(result) {
            $('#responseDelete').html(`<small id="responseInformation" class="form-text text-success font-weight-bold">${result.message}</small>`).fadeIn().delay(3000).fadeOut();
        });
    });
}

function addToCart() {
    $(document).on('click', '#addToCartButton', function() {
        let userId = $('#userId').val();
        let productId = $('#productId').val();
        let quantity = $('#quantity').val();
        let size = $('input[name=sizes]:checked').val();

        let errorCounter = 0;

        if(typeof size === 'undefined') {
            errorCounter++;
            $('#sizeHelp').text('You need to select size!');
        }
        if(typeof userId === 'undefined') {
            errorCounter++;
            $('#addCartHelp').text('You need to be logged in!');
        }

        if(errorCounter == 0) {
            let data = {
                'userId': userId,
                'productId': productId,
                'quantity': quantity,
                'size': size,
                'button': true
            };

            ajaxCallBack('addToCart', 'post', data, function(result) {
                $('#add-to-cart').modal("show");
            });
        }
    });
}

```

```

        else {
            console.log(errorCounter);
        }
    });
}

// Function to update quantity
function updateQuantity() {
    const buttonResult = document.querySelectorAll(".button-operator-result");
    const buttonPlus = document.querySelectorAll(".button-operator-plus");
    const buttonMinus = document.querySelectorAll(".button-operator-minus");
    const prices = document.querySelectorAll(".price-text-new");
    let userId = $('#userId').val();
    let productId = $('#productId').val();
    for (let i = 0; i < buttonPlus.length; i++) {
        let newQuantity = parseInt(buttonResult[i].value);
        buttonPlus[i].addEventListener("click", () => {
            if(newQuantity < 10) {
                newQuantity++;
                buttonResult[i].value = newQuantity;
                let data = {
                    'userId': userId,
                    'productId': productId,
                    'quantity': buttonResult[i].value,
                    'price': prices[i].textContent,
                    'button': true
                };
                ajaxCallBack('updateQuantity', 'post', data, function(result)
{
                    $('#summary').text(result);
                    $('#checkout-link').attr('href', 'checkout.php?summary=' + result);
                });
            }
        });
        buttonMinus[i].addEventListener("click", () => {
            if(newQuantity > 1) {
                newQuantity--;
                buttonResult[i].value = newQuantity;
                let data = {
                    'userId': userId,
                    'productId': productId,
                    'quantity': buttonResult[i].value,
                    'price': prices[i].textContent,
                    'button': true
                };
                ajaxCallBack('updateQuantity', 'post', data, function(result)
{
                    $('#summary').text(result);
                    $('#checkout-link').attr('href', 'checkout.php?summary=' + result);
                });
            }
        });
    }
}

```

```

    };

    ajaxCallBack('updateQuantity', 'post', data, function(result)
{
    $('#summary').text(result);
    $('#checkout-link').attr('href', 'checkout.php?summary=' +
result);
}
);

});

}

function deleteFromCart() {
$(document).on('click', '.cart-button-delete', function() {
    let userId = $('#userId').val();
    let productId = $('#productId').val();

    let data = {
        'userId': userId,
        'productId': productId,
        'button': true
    };

    ajaxCallBack('deleteFromCart', 'post', data, function(result) {
        let html = displayProductsInCart(result[0]);
        $('#displayProducts').html(html);
        $('#summary').text(result[1]);
        $('#product-count-cart').text(result[0].length);
        $('#checkout-link').attr('href', 'checkout.php?summary=' +
result[1]);
    });
});
}

function displayProductsInCart(products) {
    let html = '';
    if(products.length == 0) {
        html += '<div class="col-12 d-flex justify-content-center align-items-
center py-3"><p>There are no products in cart.</p></div>';
    }
    else {
        for(let product of products) {
            html += `<!-- Single Product in Cart --&gt;
&lt;div class="col-12 row d-flex align-items-center justify-content-
center border-bottom single-product-cart py-2"&gt;
    <!-- Single Product Image --&gt;
    &lt;div class="col-lg-1 col-12"&gt;
</pre>

```

```

        <div style="background-image:
url(..../images/products/${product.product_image}.png); class="cart-background-
image">
            </div>
        </div>
        <!-- Single Product Name -->
        <div class="col-lg-4 col-12">
            <h3>${product.product_name}</h3>
        </div>
        <!-- Single Product Quantity -->
        <div class="col-lg-4 col-12">
            <div class="product-quantity d-flex align-items-center mb-
2">
                <span class="button-operator ml-2 button-operator-
minus">-</span>
                <input type="text" class="button-quantity button-
operator-result" id="quantity" value="${product.cart_quantity}" readonly />
                <input type="hidden" id="userId"
value="${product.user_id}">
                <input type="hidden" id="productId"
value="${product.product_id}">
                <span class="button-operator button-operator-
plus">+</span>
                <small class="form-text text-muted ml-2 quantity-
help"></small>
            </div>
        </div>
        <!-- Single Product Price -->
        <div class="col-lg-2 col-12">
            <p class="price-text-new">${product.price_new}</p>
        </div>
        <!-- Single Product Delete -->
        <div class="col-lg-1 col-12">
            <button class="cart-button-delete">
                <i class="fa-solid fa-trash"></i>
            </button>
        </div>
    </div>`;
}
}

return html;
}

function rateProduct() {
    $(document).on('click', '#rateProductButton', function() {
        let userId = $('#userId').val();
        let productId = $('#productId').val();
        let rating = $('#ratings').val();
    })
}

```

```

let errorCounter = 0;

if(typeof userId === 'undefined') {
    errorCounter++;
    $('#rateProductHelp').text('You need to be logged in!');
}

if(errorCounter == 0) {
    let data = {
        'userId': userId,
        'productId': productId,
        'rating': rating,
        'button': true
    };

    ajaxCallBack('rateProduct', 'post', data, function(result) {
        $('#responseRate').html(`<small id="responseInformation" class="form-text text-success font-weight-bold">${result.message}</small>`).fadeIn().delay(3000).fadeOut();
    });
}

else {
    console.log(errorCounter);
}
});

function pagination() {
$(document).on('click', '.pagination-list a', function(e) {
    e.preventDefault();
    let limit = $(this).data('limit');
    let data = {
        limit: limit
    };
    ajaxCallBack("pagination", "post", data, function(result) {
        let html = showProducts(result[0], result[1], result[2]);
        $('#productsResult').html(html);
        pageNumber(result[3]);
    });
});
}

function pageNumber(pageNumber) {
    html = "";
    for(let i = 0; i < pageNumber; i++) {

```

```

        html += `<li><a href="#" class="p-3 mr-1" data-
limit="${i}">${i+1}</a></li>`;
    }
    $("#pagination").html(html);
}

```

## CSS

### Style.css

```

@import
url('https://fonts.googleapis.com/css2?family=Montserrat&family=Oswald&family=
Raleway&display=swap');

:root {
    --font-heading: 'Montserrat', sans-serif;
    --font-text: 'Raleway', sans-serif;
    --font-small-text: 'Oswald', sans-serif;
    --color-black: #111111;
    --color-white: #FFFFFF;
    --color-grey: #F3F2EE;
    --color-red: #E53637;
    --color-pink: #F2DFDB;
    --size-big-heading: 2rem;
    --size-subheading: 1.5rem;
    --size-bigger-text: 1.25rem;
    --size-normal-text: 1rem;
    --size-small-text: 0.875rem;
}

* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}

body {
    font-family: var(--font-text);
    color: var(--black);
    font-size: var(--size-normal-text);
    letter-spacing: 2px;
}

img {
    width: 100%;
}

ul {
    list-style-type: none;
}

ul li, i {
    font-size: var(--size-normal-text);
}

a {
    text-decoration: none;
    color: var(--color-black);
}

```

```
    font-size: var(--size-normal-text);
}
a:hover {
    text-decoration: none;
    color: inherit;
}
input:focus, textarea:focus, select:focus {
    border-color: var(--color-black) !important;
    box-shadow: none !important;
}
header {
    background-color: var(--color-black);
}
header a {
    color: var(--color-white) !important;
}
header a:hover i {
    color: var(--color-red);
}
nav {
    background-color: var(--color-white);
    box-shadow: rgba(0, 0, 0, 0.1) 0px 10px 15px -3px, rgba(0, 0, 0, 0.05) 0px 4px 6px -2px;
    position: sticky;
    top: 0;
    left: 0;
    z-index: 99;
}
nav h1 {
    font-size: var(--size-big-heading);
    white-space: nowrap;
    font-family: var(--font-heading);
}
nav a {
    font-weight: bold;
}
nav ul li {
    border-bottom: 1px solid transparent;
    transition: 0.3s all;
}
nav ul li:hover {
    border-color: var(--color-red);
}
nav a i {
    font-size: var(--size-bigger-text);
}
.cart-link {
    position: relative;
```

```
padding: 12px;
}
.cart-link::after {
  content: '';
  position: absolute;
  width: 22px;
  height: 22px;
  border-radius: 50%;
  top: 0;
  right: 0;
  background-color: var(--color-red);
  opacity: 0.8;
}
.cart-link::before {
  content: '3';
  position: absolute;
  border-radius: 50%;
  width: 20px;
  height: 20px;
  display: flex;
  justify-content: center;
  align-items: center;
  color: var(--color-black);
  top: 0;
  right: 0;
  text-align: center;
  font-weight: bold;
  z-index: 3;
}
#toggle-button {
  width: 35px;
  height: 26px;
  /* display: none; */
  position: absolute;
  top: 30%;
  right: 3%;
  flex-direction: column;
  justify-content: space-between;
  align-items: center;
}
#toggle-button .bar {
  height: 3px;
  width: 100%;
  background-color: var(--color-black);
  border-radius: 10px;
}
#hero {
  width: 100%;
```

```

background-image: url('../images/background/bg-image-homepage.png');
background-position: center;
background-repeat: no-repeat;
background-size: cover;
height: 700px;
padding: 200px 0px;
}
.shop-now-button {
    display: inline-block;
    padding: 12px 40px;
    background-color: var(--color-black) !important;
    color: var(--color-white);
    text-transform: uppercase;
    transition: 0.3s all;
}
.shop-now-button i {
    color: var(--color-red);
}
.shop-now-button:hover {
    color: var(--color-white);
    padding: 15px 40px;
}
#represent {
    background-color: var(--color-white);
}
.filter-image {
    background-color: var(--color-black);
}
.filter-image img {
    opacity: 0.5;
}
.shop-now-link {
    border-bottom: 2px solid var(--color-black);
    padding-bottom: 5px;
    text-transform: uppercase;
    font-weight: bold;
    transition: 0.3s all;
}
.shop-now-link:hover {
    border-color: var(--color-red);
}
#products {
    background-color: var(--color-white);
}
.product-text {
    text-align: center;
}
.price-text-old {

```

```
    display: inline-block;
    text-decoration: line-through;
}
.price-text-new {
    display: inline-block;
    font-weight: bold;
}
.stars i {
    color: var(--color-pink);
}
.star-filled {
    color: orange !important;
}
.product {
    background-color: var(--color-white);
}
.product h3 {
    font-size: var(--size-bigger-text);
    font-weight: bold;
}
.product-image {
    height: 250px;
    background-size: contain;
    background-repeat: no-repeat;
    background-position: center;
}
.overlay-product-image {
    position: relative;
    display: flex;
    align-items: center;
    justify-content: center;
    height: inherit;
    visibility: hidden;
    opacity: 0;
    transition: 0.5s all;
}
.product-icons {
    position: absolute;
    visibility: hidden;
    opacity: 0;
    transition: 0.5s all;
}
.product-icons a, .product-icons button {
    border: 1px solid var(--color-white);
    padding: 10px;
    color: var(--color-white);
    font-size: var(--size-normal-text) !important;
    transition: 0.3s all;
```

```
}

.product-icons button {
    background-color: transparent;
    width: 46.5px !important;
    height: 41px;
}
.product-icons a:hover, .product-icons button:hover {
    padding: 12px;
}
.product-icons i {
    font-size: var(--size-bigger-text);
}
.product:hover .product-icons, .product:hover .overlay-product-image {
    visibility: visible;
    opacity: 1;
}
.product:hover .overlay-product-image {
    background-color: rgba(0, 0, 0, 0.7);
}
.product:hover .product-image {
    background-size: cover;
}
#about-us {
    width: 100%;
    background-image: url('../images/background/about-us-store.jpg');
    background-position: center;
    background-repeat: no-repeat;
    background-size: cover;
    background-attachment: fixed;
}
.overlay {
    height: inherit;
    background-color: rgba(0, 0, 0, 0.7);
}
#about-us p {
    color: var(--color-white);
}
#services {
    background-color: var(--color-grey);
}
.service p {
    text-transform: uppercase;
}
.service i {
    font-size: var(--size-big-heading);
}
footer {
    background-color: var(--color-black);
```

```
    color: var(--color-white);
    text-align: center;
}
footer .shop-now-link {
    color: var(--color-white);
}
footer a {
    color: var(--color-white);
    transition: 0.3s all;
}
footer a:hover {
    border-bottom: 1px solid var(--color-red);
}
footer h3 {
    font-size: var(--size-normal-text);
    text-transform: uppercase;
    font-weight: bold;
}
.list-social li a {
    border: none;
}
.list-social i {
    font-size: var(--size-big-heading);
    color: var(--color-white);
    transition: 0.3s all;
}
.list-social li:hover i {
    padding: 3px;
}
#main-about-us {
    background-color: var(--color-white);
    font-size: var(--size-normal-text);
    font-weight: 600;
}
.about-us-link {
    border-bottom: 1px solid var(--color-red);
    font-weight: bold;
}
#message {
    resize: none;
}
.address-holder h3 {
    font-size: var(--size-normal-text);
    text-transform: uppercase;
}
.filter-group .btn:focus {
    outline: 0 !important;
    box-shadow: none;
```

```
}

.filter-group h6 {
    font-weight: bold;
}

.size-label::after, .size-label::before {
    display: none;
}

.size-label {
    min-width: 70px;
    padding: 5px 0px;
    border: 1px solid var(--color-black);
    cursor: pointer;
    text-align: center;
}

.active-size {
    border-width: 3px;
    font-weight: bold;
}

.button-clear {
    border: 1px solid var(--color-black);
    transition: 0.3s all;
    text-transform: uppercase;
    font-weight: bold;
    font-size: var(--size-small-text);
}

.button-clear:hover {
    border-color: var(--color-red);
}

.button-clear:focus {
    outline: 0;
    box-shadow: none;
}

.pagination-list a {
    border: 1px solid var(--color-black);
    font-weight: bold;
}

.pagination-list a:hover {
    background-color: var(--color-black);
    color: var(--color-white);
}

.pagination-active-link {
    background-color: var(--color-black);
    color: var(--color-white);
}

#contact label {
    font-weight: bold;
}

.single-product-background {
```

```
height: 500px;
background-size: cover;
background-repeat: no-repeat;
background-position: center;
}

#single-product h3 {
    font-size: var(--size-bigger-text);
    font-weight: bold;
}

#single-product p {
    font-size: var(--size-normal-text);
    text-transform: uppercase;
}

.product-colors label {
    min-width: 30px;
    min-height: 30px;
    border-radius: 50%;
}

.active-color {
    min-width: 40px !important;
    min-height: 40px !important;
    border: 3px solid var(--color-red);
}

.color-black {
    background-color: black;
}

.color-white {
    background-color: white;
}

.color-blue {
    background-color: blue;
}

.color-yellow {
    background-color: yellow;
}

.color-green {
    background-color: green;
}

.button-operator, .button-quantity {
    display: flex;
    align-items: center;
    justify-content: center;
    text-align: center;
    font-weight: bold;
}

.button-operator {
    width: 20px;
    background-color: var(--color-black);
```

```
    color: var(--color-white);
    cursor: pointer;
}
.button-quantity {
    width: 40px;
    border: 1px solid var(--color-black);
}
.quantity-help {
    color: var(--color-red) !important;
}
.button {
    padding: 12px 40px;
    background-color: var(--color-black) !important;
    color: var(--color-white) !important;
    text-transform: uppercase;
    transition: 0.3s all;
}
.button:hover {
    transform: rotate(1deg);
}
.button:focus {
    outline: 0 !important;
}
.product-add-to-cart button, .go-to-cart, .button {
    width: 100%;
    border: 1px solid var(--color-black);
    text-transform: uppercase;
    font-weight: bold;
    transition: 0.3s all;
}
.product-add-to-cart button:hover, .go-to-cart:hover, .button {
    background-color: var(--color-black);
    color: var(--color-white);
}
.button-close-modal {
    width: 30px !important;
    height: 30px !important;
    display: flex;
    justify-content: center;
    align-items: center;
}
.padding-150 {
    padding: 150px 0px;
}
.password-container {
    position: relative;
}
.show-password {
```

```
position: absolute;
right: 10px;
top: 45px;
cursor: pointer;
text-decoration: line-through;
text-decoration-thickness: 2px;
}
.active-show-password {
    text-decoration: none;
}
#cart-section h3 {
    font-size: var(--size-normal-text);
}
.single-product-cart h3 {
    font-weight: bold;
}
.cart-button-delete {
    border: none;
}
.cart-button-delete:focus {
    outline: 0;
}
.cart-background-image {
    width: 100%;
    height: 70px;
    background-repeat: no-repeat;
    background-position: center;
    background-size: cover;
}

@media screen and (max-width: 992px) {
    .cart-background-image {
        height: 300px;
    }
}
@media screen and (max-width: 768px) {
    nav ul {
        margin-bottom: 0px;
    }
    #toggle-button {
        display: flex;
    }
    #toggle-button.active {
        top: 10%;
    }
    #menu {
        display: none;
    }
}
```

```
        }
    #menu.active {
        display: block;
    }
.padding-150 {
    padding: 50px 0px;
}
}
```