

Visoka škola strukovnih studija
za informacione i komunikacione
tehnologije

Mshirts
<http://mshirts.kibonga.space/shop.php>

Smer: Internet tehnologije

Modul: Web Programiranje

Predmet: Web Programiranje 2

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1 Uvod

1.1 Korišćeni programski jezici

Korišćene tehnologije:

- HTML5
- CSS3
- Javascript
- Material Design Icons
- Bootstrap 5 + bootstrap.js

1.2 Opis funkcionalnosti

- Navigacija se dinamički učitava iz baze (naziv, naslov, podnaslov, opis footer-a, meta opisi)
- Proizvodi u prodavnici su svi dinamički učitani filtriranje/sortiranje se vrši dinamički (samo ulogovani korisnik ima mogućnost da kupi proizvod)
- Straničenje i paginacija raznih stranica(svaka stranica koja ima veću količinu podataka, tako da se u jednom trenutku ne učitava više od 6-12 proizvoda/podataka)
- Korpa se evidentira na Local Storage-u kao i na Session-u, tako da se logovanjem korisnika dinamički dohvataju prethodno izabrane stavke(koje pritom nisu kupljene)
- Registracija i logovanje se proveravaju na obe strane
- Logovanje se može izvršiti unosom korisničkog imena ili email-om(oba su jedinstvena)
- Kontakt forma je automatski popunjena u slučaju ulogovanog korisnika
- Glasanje vezano za anketu je omogućeno samo za ulogovanog korisnika, koji može glasati samo jednom nakon čega će mu se prikazati uvid u rezultate ankete

- Korisnik ima uvid u detalje sopstvenih porudžbina kao i u uvid u mejlove koje je poslao
- Admin ima mogućnost uvida u korisčke naloge, proizvode, porudžbine, poruke i ankete
- Admin može videti sve registrovane korisnike, po potrebi ih i obrisati, ali ne može uticati na korisnikove privatne podatke
- Admin ima uvid svih proizvoda, može dodati novi proizvod, kao i ažurirati postojeći. Dodavanjem proizvoda se moraju dostaviti informacije o slici normalne veličine kao i thumbnail verziji ali u slučaju ažuriranja slike su u potpunosti opcionalne
- Admin može obrisati proizvod, čime on postaje neaktivan, da bi i dalje postojale informacije o tom proizvodu
- Admin ima uvid detalja svih porudžbina, koje može da obriše. Brisanje proizvoda ne utiče na detalje porudžbina
- Admin ima uvid u detalje svih poruka, koje može obrisati, poruke mogu slati svi(sem admina), a pojedinačne poruke se mogu identifikovati emai-om
- Admin ima uvid u ankete(pitanje, odgovor, statistika)
- Stranice su zaštićene od neautorizovanog pristupa
- Url uvek ostaje čist

1.3 Template

Za izradu sajta nije korišćen template.

Korišćene su određene Bootstrap 5 komponente.

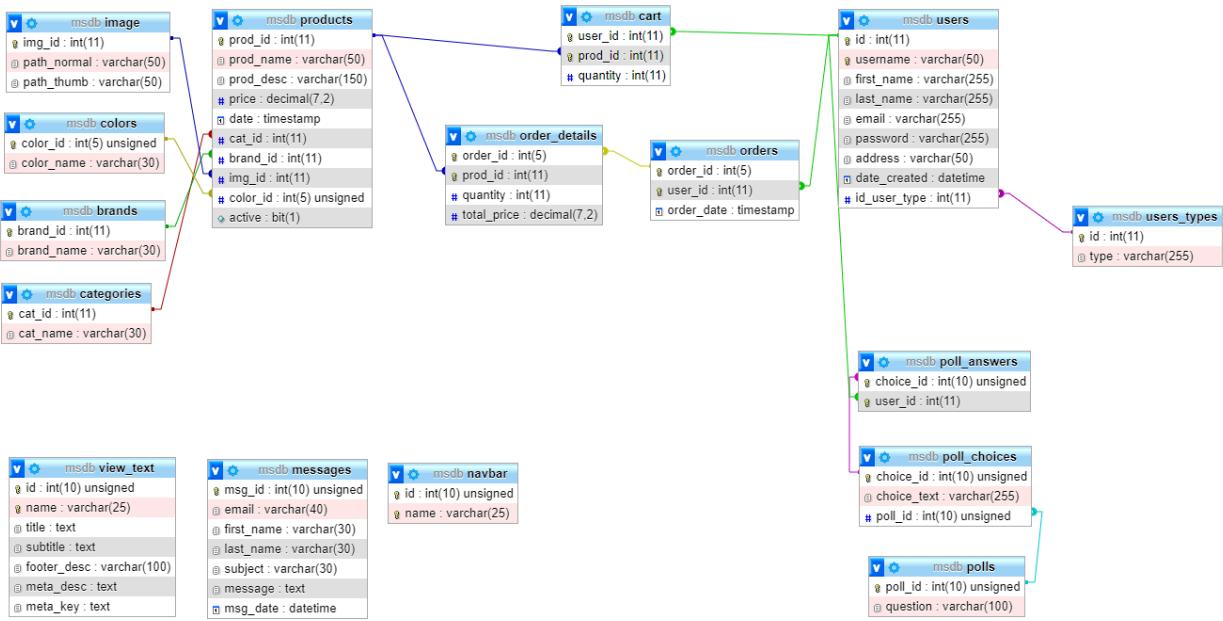
2. Organizacija

2.1 Organizaciona šema i šema baze podataka

Gotovo sve stranice su međusobno povezane, ali su i autorizovane
Korisnik nema pristup adminskim stranicama, dok admin nema pristup kontakt stranici
Prikazi određenih stranica se razlikuju od nivoa autorizacije(npr. admin nema mogućnost kupovine proizvoda)

Listing stranica:

- admin-messages.php
- admin-orders.php
- admin-poll.php
- admin-product-add.php
- admin-product-update.php
- admin-products.php
- admin-users.php
- admin.php
- author.php
- about.php
- cart.php
- contact.php
- customer.php
- customer-messages.php
- customer-orders.php
- index.php
- login.php
- product.php
- register.php
- shop.php
- index.php



2.2 Sitemap

```
<?xml version="1.0" encoding="UTF-8"?>
<urlset>
  xmlns="http://www.sitemaps.org/schemas/sitemap/0.9"
  <url>
    <loc>https://mshirts.kibonga.space/</loc>
    <lastmod>2021-04-23</lastmod>
    <changefreq>daily</changefreq>
    <priority>1.00</priority>
  </url>
  <url>
    <loc>https://mshirts.kibonga.space/admin.php</loc>
    <lastmod>2021-04-23</lastmod>
    <changefreq>daily</changefreq>
    <priority>0.90</priority>
  </url>
  <url>
    <loc>https://mshirts.kibonga.space/customer.php</loc>
  
```

```
<lastmod>2021-04-23</lastmod>
<changefreq>weekly</changefreq>
<priority>0.80</priority>
</url>
<url>
    <loc>https://mshirts.kibonga.space/cart.php</loc>
    <lastmod>2021-04-23</lastmod>
    <changefreq>weekly</changefreq>
    <priority>0.80</priority>
</url>
<url>
    <loc>https://mshirts.kibonga.space/product.php</loc>
    <lastmod>2021-04-23</lastmod>
    <changefreq>weekly</changefreq>
    <priority>0.80</priority>
</url>
<url>
    <loc>https://mshirts.kibonga.space/login.php</loc>
    <lastmod>2021-04-23</lastmod>
    <changefreq>weekly</changefreq>
    <priority>0.80</priority>
</url>
<url>
    <loc>https://mshirts.kibonga.space/register.php</loc>
    <lastmod>2021-04-23</lastmod>
    <changefreq>weekly</changefreq>
    <priority>0.80</priority>
</url>
<url>
    <loc>https://mshirts.kibonga.space/admin-messages.php</loc>
    <lastmod>2021-04-23</lastmod>
    <changefreq>weekly</changefreq>
    <priority>0.80</priority>
</url>
<url>
    <loc>https://mshirts.kibonga.space/admin-orders.php</loc>
    <lastmod>2021-04-23</lastmod>
    <changefreq>weekly</changefreq>
    <priority>0.80</priority>
</url>
<url>
    <loc>https://mshirts.kibonga.space/admin-poll.php</loc>
    <lastmod>2021-04-23</lastmod>
    <changefreq>weekly</changefreq>
    <priority>0.80</priority>
```

```
</url>
<url>
    <loc>https://mshirts.kibonga.space/admin-product-add.php</loc>
    <lastmod>2021-04-23</lastmod>
    <changefreq>weekly</changefreq>
    <priority>0.80</priority>
</url>
<url>
    <loc>https://mshirts.kibonga.space/admin-product-update.php</loc>
    <lastmod>2021-04-23</lastmod>
    <changefreq>weekly</changefreq>
    <priority>0.80</priority>
</url>
<url>
    <loc>https://mshirts.kibonga.space/admin-products.php</loc>
    <lastmod>2021-04-23</lastmod>
    <changefreq>weekly</changefreq>
    <priority>0.80</priority>
</url>
<url>
    <loc>https://mshirts.kibonga.space/admin-users.php</loc>
    <lastmod>2021-04-23</lastmod>
    <changefreq>weekly</changefreq>
    <priority>0.80</priority>
</url>
<url>
    <loc>https://mshirts.kibonga.space/customer-messages.php</loc>
    <lastmod>2021-04-23</lastmod>
    <changefreq>weekly</changefreq>
    <priority>0.80</priority>
</url>
<url>
    <loc>https://mshirts.kibonga.space/customer-orders.php</loc>
    <lastmod>2021-04-23</lastmod>
    <changefreq>weekly</changefreq>
    <priority>0.80</priority>
</url>
<url>
    <loc>https://mshirts.kibonga.space/contact.php</loc>
    <lastmod>2021-04-23</lastmod>
    <changefreq>weekly</changefreq>
    <priority>0.80</priority>
</url>
<url>
    <loc>https://mshirts.kibonga.space/about.php</loc>
```

```
<lastmod>2021-04-23</lastmod>
<changefreq>weekly</changefreq>
<priority>0.80</priority>
</url>
<url>
  <loc>https://mshirts.kibonga.space/author.php</loc>
  <lastmod>2021-04-23</lastmod>
  <changefreq>yearly</changefreq>
  <priority>0.60</priority>
</url>
</urlset>
```

2.2.1 Robots.txt

User-agent:*

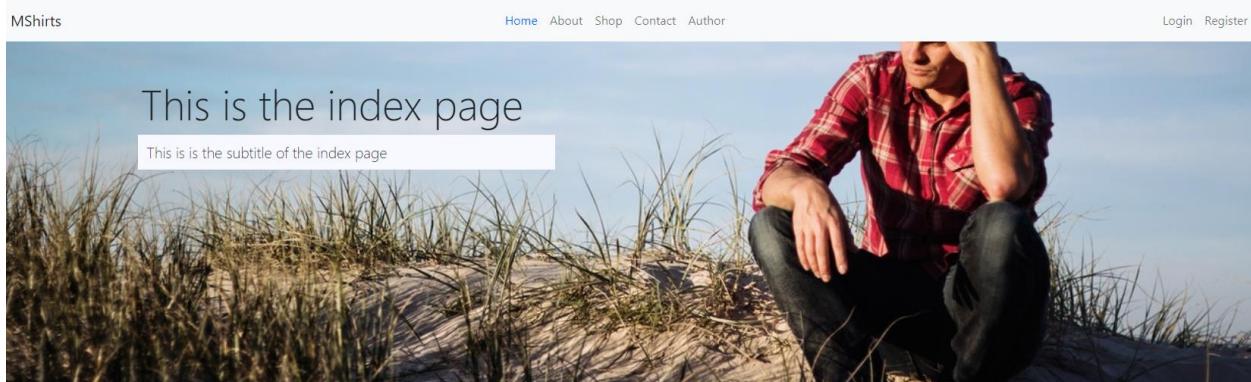
Disallow:/admin/

2.3 Opis stranica sajta

- Na svim stranicama se dinamički učitavaju podaci o linkovima(aktivni link), naslovu, podnaslovu, meta podacima kao i footeru
- U navigaciju se menja u zavisnosti nivoa autorizacije

2.3.1 index.php

Podrazumevana učitavanja



Need a shirt for every occasion? It'll blow your mind.

Match any combination and rock every style with our shirts. Don't believe us? Check them out





Oh yeah, it's that good. See for yourself.

Quality and design are our base principles and only the finest is the best. Our products are made entirely of eco-friendly materials.

Be the change you desire

All of our shirt are certified and proven to be the best by many awards we've gotten over the past 15 years.

[Start shopping](#)



Our newest collections have just arrived, and you can be first one to check them out. Remember they rock every style.



Doesn't matter what age you are, our shirts will fit you like no other. After trying them you'll never want to switch back.



Simple but powerful. Our shirts design is our strongest point. Everyday combos never looked this fresh and good.

FOOTER CONTENT

Here is the footer navigation and all the useful links

NAVIGATION

[Home](#)
[About](#)
[Shop](#)
[Contact](#)
[Author](#)

USEFUL

[Docs](#)
[LinkedIn](#)
[Github](#)
[Portfolio](#)

Made by Kibonga

2.3.2 about.php

Podrazumevana podešavanja

MShirts

Home About Shop Contact Author

Login Register

This is the about page

This is the subtitle of the about page

Who are we



What others think about us



Ben Askren

I've been a fan of MShirt from day one. I'm really



Jorge Masvidal

If you are like me and like to change outfits frequently I



Kamaru Ousman

They have shirts for all the seasons, doesn't matter if its

2.3.3 shop.php

Podrazumevana podešavanja

- Filtriranje/sortiranje proizvoda
- Prikaz 6-12 proizvoda (samo se toliko dohvata iz baze)
- Prikaz broja svih dostupnih proizvoda
- Paginacija

The screenshot shows a web page titled "This is the shop page" with a subtitle "This is the subtitle of the shop page". The page features a large background image of a man sitting on a sand dune. On the left, there is a sidebar with filters for "Shirt type" (Search bar) and "Brands" (checkboxes for Crewneck, Polo, Sleveshirt). The main content area displays a grid of three product thumbnails, each labeled with a brand name: Zara, OVS, and Zara. At the top right, there is a navigation bar with links for Home, About, Shop, Contact, Author, Login, and Register. A message at the top indicates "Number of items: 28" and "Products per page: 6 12".

H&M Free Yellow added to cart

Personal info:

Name: H&M Free Yellow

Category: Crewneck

Brand: H&M

Price: \$ 58.99

Quantity: 1

Total: \$ 58.99

[View in cart](#) [Close](#)

Price: \$43.49

Quantity: 1

H&M Free Blue

Color: Blue

[View](#) [Add to cart](#)

Price: \$49.99

Quantity: 1

H&M Free Red

Color: Red

[View](#) [Add to cart](#)

Price: \$58.99

Quantity: 1

H&M Free Yellow

Color: Yellow

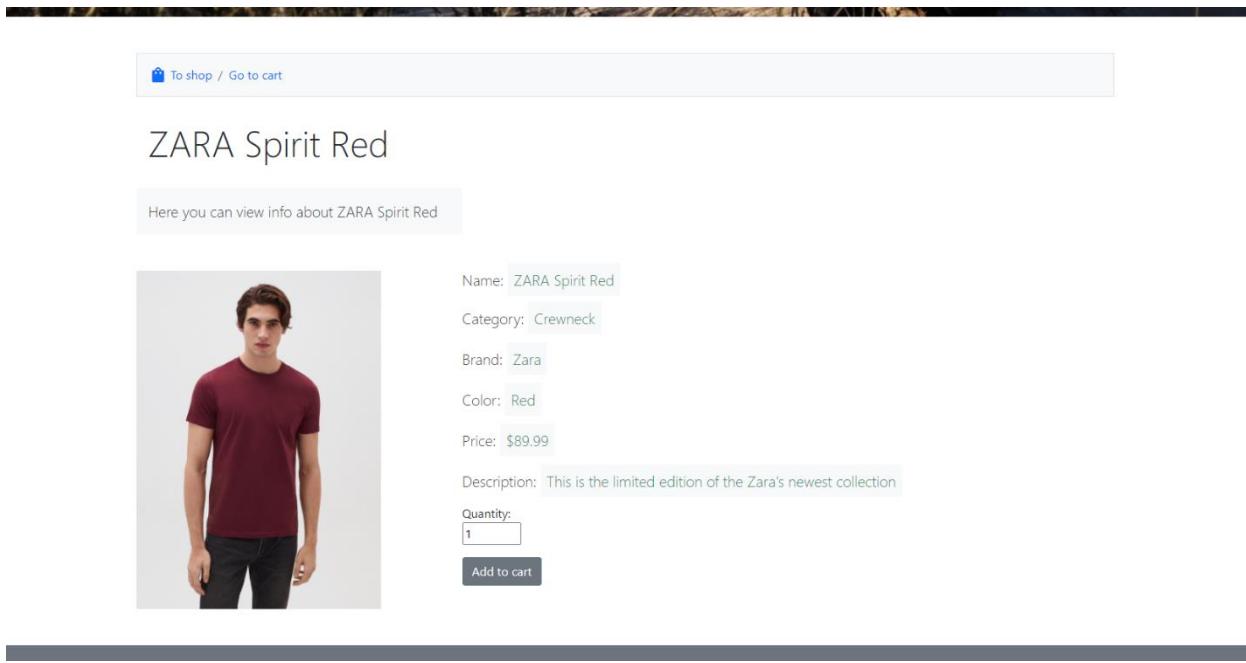
[View](#) [Add to cart](#)

The image shows a screenshot of a web browser displaying a product listing for three different H&M Free t-shirts: Blue, Red, and Yellow. The Yellow t-shirt is currently selected, and a modal window is open over the other two options. The modal contains the product name 'H&M Free Yellow', its category 'Crewneck', brand 'H&M', price '\$ 58.99', quantity '1', and total '\$ 58.99'. It also includes 'View in cart' and 'Close' buttons. Below the modal, the other two t-shirts are visible with their respective details: Price '\$43.49', Quantity '1', Color 'Blue', and 'View' and 'Add to cart' buttons; and Price '\$49.99', Quantity '1', Color 'Red', and 'View' and 'Add to cart' buttons.

2.3.4. product.php

Podrazumevana podešavanja

- Drugačiji prikaz u zavisnosti od nivoa autorizacije(samo ulogovani korisnik može kupiti proizvod)



 To shop

ZARA Spirit Red

Here you can view info about ZARA Spirit Red



Name: ZARA Spirit Red

Category: Crewneck

Brand: Zara

Color: Red

Price: \$89.99

Description: This is the limited edition of the Zara's newest collection

FOOTER CONTENT

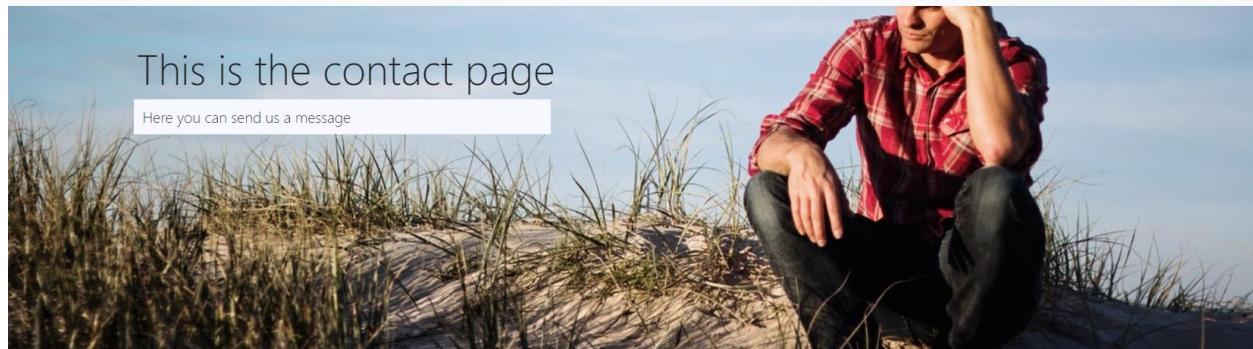
NAVIGATION

USEFUL

2.3.5 contact.php

Podrazumevana podešavanja

- Automatski popunjena za ulogovanog korisnika
- Admin nema pristup ovoj stranici
- Validacija na obe strane



This is the contact page

Here you can send us a message



Have any questions? Send us an mail.

Don't hesitate to send us an email if you have any questions, we are here to help.

First name

Mark

Last name

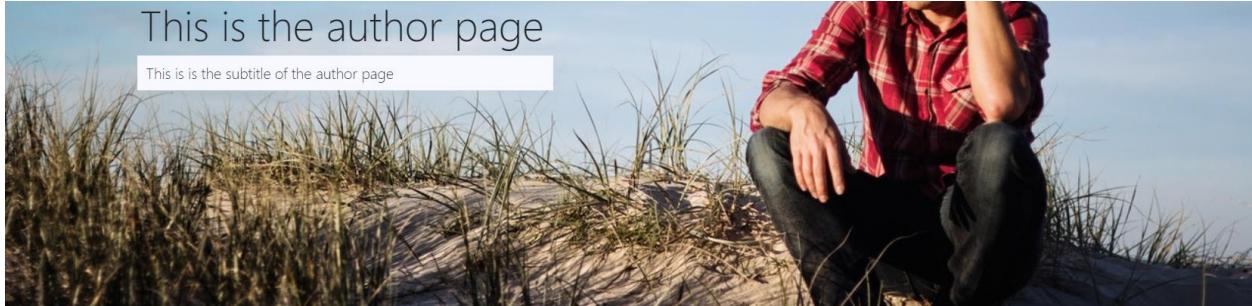
Cuban

Email

you@example.com

2.3.6 author.php

Podrazumevana podešavanja



Author

My name is Pavle and as you can see... I'm doing just fine. My main goal is to become a professional web developer. I like problem solving and building things, that's probably the reason i enjoy web development so much.

Personal info

Making this shitsite got me like:

"Yeah well, I'm gonna build my own PHP framework...With blackjack and hookers! In fact, forget about PHP framework..."

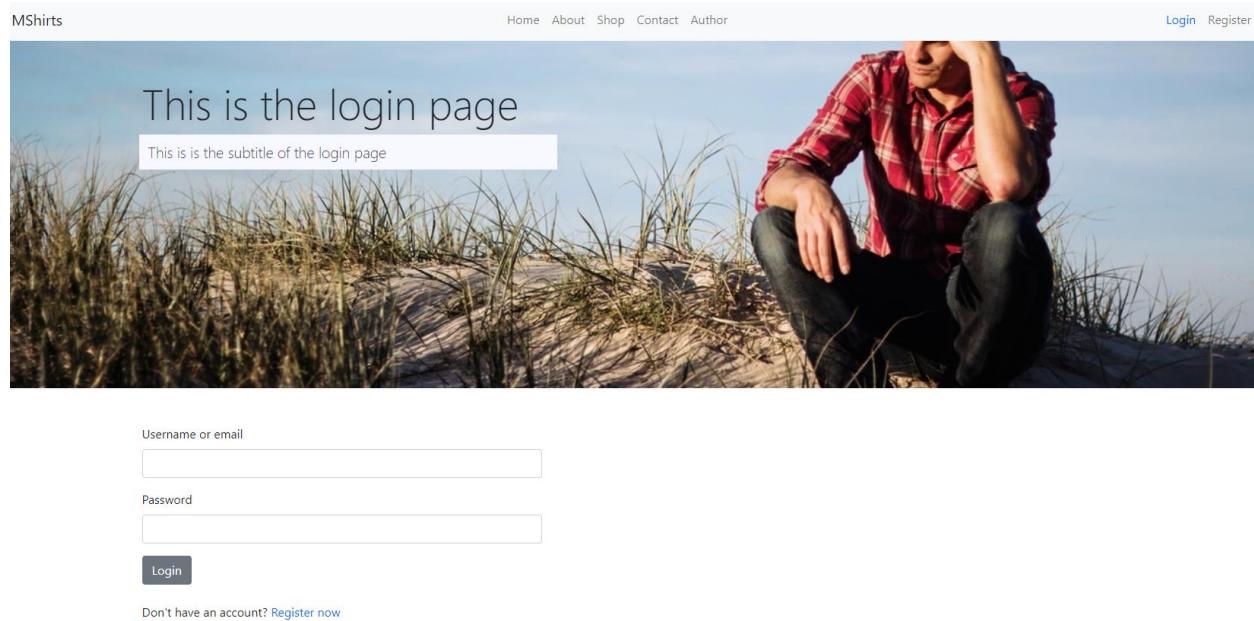
Favourite hook:



2.3.7 login.php

Podrazumevana podešavanja

- Validacija na obe strane
- Korisnik se može ulogovati korisničkim imenom ili email-om



2.3.8 register.php

Podrazumevana podešavanja

- Validacija na obe strane
- Korisničko ime i email moraju biti jedinstveni

The screenshot shows a web page titled "This is the register page" with a subtitle "This is the subtitle of the register page". The page has a header with "MShirts" and navigation links for Home, About, Shop, Contact, Author, Login, and Register. Below the header is a large image of a man in a red plaid shirt sitting on a sand dune. The registration form consists of four input fields: "Username", "First name", "Last name", and "Address", each with a corresponding label above it.

This is the register page
This is the subtitle of the register page

MShirts

Home About Shop Contact Author

Login Register

Username

First name

Last name

Address

2.3.9 cart.php

This is the cart page
This is the subtitle of the cart page

Shopping cart

No. items in cart: 1

No.	Image	Name	Category	Brand	Color	Price	Quantity	Total	Remove
1		H&M Free Yellow	Crewneck	H&M	Yellow	\$58.99	1	\$58.99	

[Make Purchase](#) [Continue shopping](#)

Order
Price:
\$58.99

Podrazumevana podešavanja

- Pristup ima samo ulogovani korisnik
- Realizovana korišćenjem LocalStorage-a
- Po realizovanoj kupovini se brišu podaci

2.3.10 customer.php

Podrazumevana podešavanja

- Prikaz osnovnih podataka korisnika
- Mogućnost pregleda porudžbina kao i poruka za tog korisnika
- Anketa na koju se može glasati samo jednom, nakon čega se prikaz dinamički menja i korisnik ima uvid u rezultate ankete



Conor, these are your personal info

Conor Mcgregor

MysticMac

red.panties@night.com

2021-04-19 10:31:23

View orders

View messages

How do you like our services?

Results

Excellent, I like your services very much (2)

Very good, I enjoy using your services (2)

Good, I don't mind your services at all (1)

Not pleased, I don't enjoy using your services (0)

2.3.11 customer-messages.php

Podrazumevana podešavanja

- Prikaz svih poruka korisnika
- Paginacija, straničenje
- Prikaz 6-12 poruka

The screenshot shows a web page titled "Conor's messages". At the top, there is a navigation bar with links for Home, About, Shop, Contact, Author, and a user icon with a red notification badge. Below the navigation bar, a large image of a man sitting on a sand dune with his hand to his chin is displayed. On the left side of the image, the text "Conor's messages" is overlaid. A button labeled "View all of your messages" is visible. The main content area contains the text "Here you can see all messages you've sent" and a message summary: "Back to profile / To shop" and "Number of messages: 5".

Here you can see all messages you've sent

[Back to profile](#) / [To shop](#)

Number of messages: 5

messages per page:

6 ■■■ 12 ■■■

Message no.1

Sender:

Conor McGregor

Email:

red.panties@night.com

Received:

2021-04-19 23:07:12

Subject:

Apology

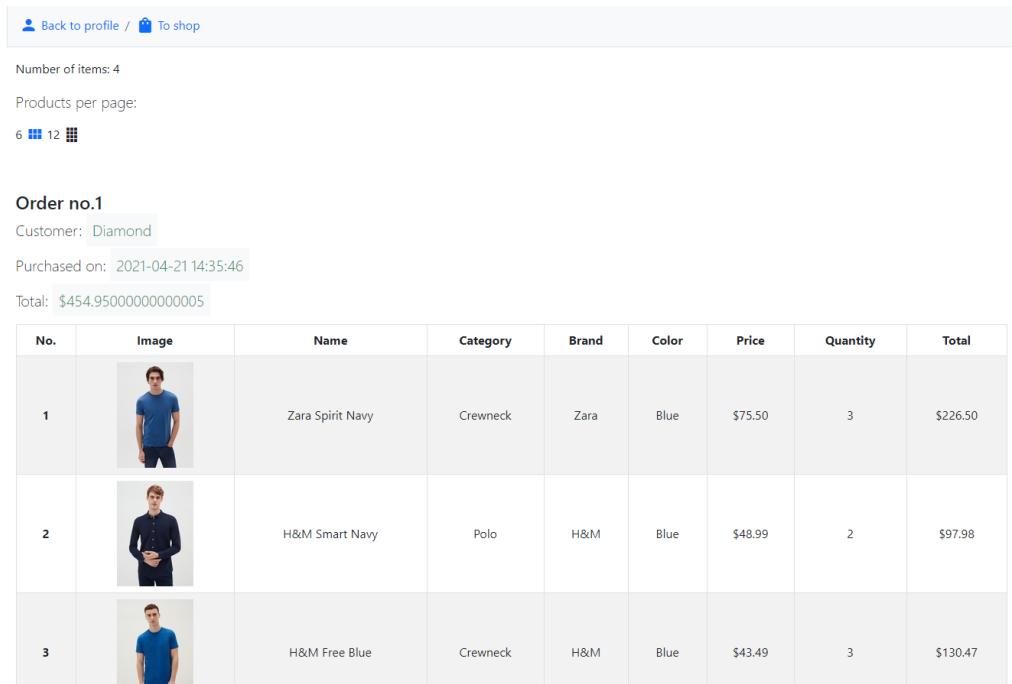
Message:

And I'd just like to say from the bottom of my heart, I'd like to take this chance to apologise... to absolutely nobody. The double champ does what the fuck he wants!

2.3.12 customer-orders.php

Podrazumevana podešavanja

- Prikaz svih detalja porudžbina korisnika
- Paginacija, straničenje
- Prikaz 6-12 poruka



The screenshot shows a user interface for managing orders. At the top, there are navigation links: 'Back to profile' and 'To shop'. Below that, it displays 'Number of items: 4' and 'Products per page:' with options '6 ■■■ 12 ■■■'. The main content area is titled 'Order no.1' and includes details: 'Customer: Diamond', 'Purchased on: 2021-04-21 14:35:46', and 'Total: \$454.95000000000005'. A table below lists the three items purchased:

No.	Image	Name	Category	Brand	Color	Price	Quantity	Total
1		Zara Spirit Navy	Crewneck	Zara	Blue	\$75.50	3	\$226.50
2		H&M Smart Navy	Polo	H&M	Blue	\$48.99	2	\$97.98
3		H&M Free Blue	Crewneck	H&M	Blue	\$43.49	3	\$130.47

2.3.13 admin.php

Podrazumevana podešavanja

- Navigacija ka stranicama za upravljanje: korisnicima, proizvodima, porudžbinama, porukama, anketama



Admin dashboard

Here you can manage these options

Users / Products / Orders / Messages / Poll

2.3.14 admin-users.php

Podrazumevana podešavanja

- Prikaz svih registrovanih korisnika
- Prikaz broja korisnika
- Straničenje, paginacija, prikaz 6-12
- Uklanjanje korisnika

Registered users

Here you can manage these options

[← Back to dashboard](#) / [To shop](#)

Number of users: 6

Users per page:

6 12

No.	Username	First name	Last name	Email	Registered on	Delete
1	Diamond	Dustin	Poirier	pressure.makes.diamonds@gmail.com	2021-03-04 15:29:02	
2	Gamebred	Jorge	Masvidal	super.necessary@flying.knee	2021-03-07 21:14:02	
3	BobbyKnuckles	Robert	Whitaker	bobby@knuckles.nz	2021-04-18 16:20:47	
4	MysticMac	Conor	Mcgregor	red.panties@night.com	2021-04-19 10:31:23	
5	Predator	Francis	Ngannou	knock.out@artists.ko	2021-04-19 10:34:58	
6	Blessed	Max	Holloway	best.boxer@punch.ko	2021-04-22 00:14:44	

1

2.3.15 admin-products.php

Podrazumevana podešavanja

- Prikaz svih proizvoda
 - Prikaz broja proizvoda
 - Straničenje, paginacija, prikaz 6-12
 - Uklanjanje, ažuriranje proizvoda
-

Available products

Here you can manage all the available products

[← Back to dashboard](#) / [To shop](#) / [+ Add new product](#)

Number of items: 28

Products per page:

6 12

No.	Image	Name	Category	Brand	Color	Inserted on	Edit	Delete
1		ZARA Spirit Red	Crewneck	Zara	Red	2021-04-20 23:53:24		
2		OVS Unleashed	Crewneck	OVS	Black	2021-04-20 23:53:24		

2.3.16 admin-product-add.php

Podrazumevana podešavanja

- Validacija unetih podataka na obe strane
- Unos novog proizvoda zahteva definisanje imena, opisa, cene i dve slike (normalna i thumbnail)

Add new product

Here you can manage all the new products

[Back to dashboard](#) / [To shop](#) / [Back to products](#)

Name

Product name

Description

Product description

Price

Price

Category

Crewneck

Brand

ovs

2.3.17 admin-product-update.php

Podrazumevana podešavanja

- Validacija unetih podataka na obe strane
- Ažuriranje proizvoda ne zahteva unos novih slika, slike se mogu definisati ali i ne moraju, moguće je definisati i samo jednu sliku

Category
Crewneck

Brand
Zara

Color
Red

Upload image - Regular
 No file chosen

Upload image - Thumbnail
 No file chosen

I confirm that the info provided is valid



Update product

Here you can manage specific product

[← Back to dashboard](#) / [To shop](#) / [Back to products](#)

Name

ZARA Spirit Red

Description

This is the limited edition of the Zara's newest collection

Price

89.99

Category

Crewneck

Brand

Zara



2.3.18 admin-poll.php

Podrazumevana podešavanja

- Uvid u anketu
- Prikaz odgovora korisnika kao i statistika odgovora



Poll results

Here you view poll results

[← Back to dashboard](#) / [🛒 To shop](#)

Poll question: How do you like our services?

Poll results

Here you view poll results

[← Back to dashboard](#) / [🛒 To shop](#)

Poll question: How do you like our services?

No.	Answer text	Votes
1	Excellent, I like your services very much	2
2	Very good, I enjoy using you services	2
3	Good, I don't mind your services at all	1
4	Not pleased, I don't enjoy using your services	0

No.	User	Answer
1	MysticMac	Excellent, I like your services very much
2	Predator	Excellent, I like your services very much
3	Gamebred	Very good, I enjoy using you services
4	Blessed	Very good, I enjoy using you services
5	BobbyKnuckles	Good, I don't mind your services at all

2.3.19 admin-orders.php

Podrazumevana podešavanja

- Prikaz svih porudžbina
- Prikaz broja porudžbina
- Straničenje, paginacija, prikaz 6-12
- Uklanjanje porudžbina

Successfull orders

Here you can manage all orders that were made

[← Back to dashboard](#) / [To shop](#)

Number of orders: 12

Orders per page:

6 ■■■■■■ 12 ■■■■■■

Order no.1

Customer: Diamond

Purchased on: 2021-04-21 14:35:46

Total: \$454.95

Remove: 

No.	Image	Name	Category	Brand	Color	Price	Quantity	Total
1		H&M Smart Navy	Polo	H&M	Blue	\$48.99	2	\$97.98

2.3.20 admin-messages

Podrazumevana podešavanja

- Prikaz svih poruka
- Prikaz broja poruka
- Straničenje, paginacija, prikaz 6-12
- Uklanjanje poruka



Message inbox

Here you can manage all messages that were received

[← Back to dashboard](#) / [To shop](#)

Number of messages: 9

Messages per page:

6 12

Message no.1

Sender:

Conor McGregor

Email:

red.panties@night.com

Received:

2021-04-19 23:07:12

3. Kodovi

3.1. PHP

3.1.1 about.php

```
<?php
    require_once "config/connection.php";
    require_once "models/functions.php";
    require_once "views/head.php";
    require_once "views/nav.php";
?>

<div class="mb-5" id="hero-slider">
    <div class="container py-5">
        <div class="row">
            <h1 class="display-4">This is the about page</h1>
            <p class="ms-2 lead col-5 py-2" id="hero-
paragraf">This is is the subtitle of the about page</p>
        </div>
    </div>
</div>

<div class=" py-5">
    <div class="container">

        <h3 class="lead display-5 mb-4">Who are we</h3>

        <div class="row row-cols-1 row-cols-sm-2 row-cols-md-3 g-3">
            <div class="col">
                <div class="card shadow-sm">
                    <figure>
                        
                    </figure>
```

```
<div class="card-body">
    <p class="card-
text">We are a mens only store, specialized in selling shirts. Our products have been praised by many around the world.</p>
    <div class="d-flex justify-content-between align-items-center">
        </div>
    </div>
</div>
<div class="col">
    <div class="card shadow-sm">
        <figure>
            
        </figure>

        <div class="card-body">
            <p class="card-
text">Our top notch materials make for the best quality by which we are recognized. Our shirts have gathered many awards for their pristine design.</p>
            <div class="d-flex justify-content-between align-items-center">
                </div>
            </div>
        </div>
    <div class="col">
        <div class="card shadow-sm">
            <figure>
                
            </figure>

            <div class="card-body">
                <p class="card-
text">MShirts has a stong base of satisfied customers, and we tend to keep it that way. Our quality of service is our number one moto.</p>
                <div class="d-flex justify-content-between align-items-center">
                    </div>
                </div>
            </div>
        </div>
    </div>
</div>
```

```
<section id="about-hero" class="my-5">

</section>

<div class="container">
  <hr>
</div>

<div class="container my-5">
  <h3 class="lead display-5 mb-4">What others think about us</h3>
  <!-- Three columns of text below the carousel -->
  <div class="row my-5">
    <div class="col-lg-4 text-center">
      

        <h4 class="lead my-3">Ben Askren</h4>
        <p>I've been a fan of MShirt from day one. I'm really impressed with the quality and desing, not to mention the prices.</p>
      </div><!-- /.col-lg-4 -->
      <div class="col-lg-4 text-center">
        

          <h4 class="lead my-3">Jorge Masvidal</h4>
          <p>If you are like me and like to change outfits frequently I would suggest looking into their newest collection, its awsome.</p>
        </div><!-- /.col-lg-4 -->
        <div class="col-lg-4 text-center">
          

            <h4 class="lead my-3">Kamaru Ousman</h4>
            <p>They have shirts for all the seasons, doesn't matter if its middle of July or just plain December. They rock with everything.</p>
          </div><!-- /.col-lg-4 -->
        </div><!-- /.row -->
      </div>

```

```
<div class="container">
    <hr>
</div>

<?php
require_once "views/footer.php";
?>
```

3.1.2 admin-messages.php

```
<?php
    if(!isset($_SESSION))
    {
        session_start();
    }
    if($_SESSION['loggedUser']->user_type != 'admin') {
        header("Location: index.php");
    }

    require_once "config/connection.php";
    require_once "models/functions.php";
    require_once "models/admin-model.php";
    require_once "views/head.php";
    require_once "views/nav.php";

?>

<div class="mb-5" id="hero-slider">
    <div class="container py-5">
        <div class="row">
            <h1 class="display-4">Messages panel</h1>
            <p class="ms-2 lead col-5 py-2" id="hero-paragraf">View all of the messages</p>
        </div>
    </div>
</div>
```

```

<div class="mb-5">
    <div class="container">
        <div class="row">
            <h3 class="lead p-3 display-5 mb-3">Message inbox</h3>
            <p class="lead col-md-5 bg-light mb-5 p-3">Here you can manage all messages that were received</p>
            <ol class="breadcrumb text-primary bg-light p-3 border">
                <li class="breadcrumb-item"><a href="admin.php">
                    <span class="material-icons align-bottom">
                        arrow_back
                    </span>
                    Back to dashboard
                </a></li>
                <li class="breadcrumb-item"><a href="shop.php">
                    <span class="material-icons align-bottom">
                        shopping_bag
                    </span>
                    To shop
                </a></li>
            </ol>

            <div>
                <p class="p-0">Number of messages: <span id="item-count"></span></p>
                <div class="mb-2">
                    <div>
                        <p class="lead">Messages per page: </p>
                        <div class="d-flex justify-content-start">
                            6
                            <a href="#" class="active-grid grid" data-offset="6">
                                <span class="material-icons mx-1">
                                    view_module
                                </span>
                            </a>
                            12
                            <a href="#" class="grid" data-offset="12">
                                <span class="material-icons rotate-90 mx-1">
                                    view_comfy
                                </span>
                            </a>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>

```

```
<div id="admin-messages-div">

    <!-- <table class="table table-striped table-bordered text-center">
        <thead>
            <tr>
                <th scope="col">No.</th>
                <th scope="col">Image</th>
                <th scope="col">Name</th>
                <th scope="col">Category</th>
                <th scope="col">Brand</th>
                <th scope="col">Color</th>
                <th scope="col">Inserted on</th>
                <th scope="col">Edit</th>
                <th scope="col">Delete</th>
            </tr>
        </thead>
        <tbody id="admin-products-table" class="table-striped">

            </tbody>
        </table> -->

    </div>

    </div>
</div>

<div class="container">
<nav aria-label="...">
    <ul class="pagination" id="pagination">

        </ul>
</nav>
</div>

<div id="delete-user-div"></div>

</div>
```

```
<?php
require_once "views/footer.php";
?>
```

3.1.3 admin-orders.php

```
<?php
    if(!isset($_SESSION))
    {
        session_start();
    }
    if($_SESSION['loggedUser']->user_type != 'admin') {
        header("Location: index.php");
    }

    require_once "config/connection.php";
    require_once "models/functions.php";
    require_once "models/admin-model.php";
    require_once "views/head.php";
    require_once "views/nav.php";

?>

<div class="mb-5" id="hero-slider">
    <div class="container py-5">
        <div class="row">
            <h1 class="display-4">Orders panel</h1>
            <p class="ms-2 lead col-5 py-2" id="hero-paragraf">View all of the shop transactions</p>
        </div>
    </div>
</div>

<div class="mb-5">
    <div class="container">
        <div class="row">
            <h3 class="lead p-3 display-5 mb-3">Successfull orders</h3>
```

```

<p class="lead col-md-5 bg-light mb-5 p-3">Here you can manage all orders that were made</p>
<ol class="breadcrumb text-primary bg-light p-3 border">
    <li class="breadcrumb-item"><a href="admin.php">
        <span class="material-icons align-bottom">
            arrow_back
        </span>
        Back to dashboard
    </a></li>
    <li class="breadcrumb-item"><a href="shop.php">
        <span class="material-icons align-bottom">
            shopping_bag
        </span>
        To shop
    </a></li>
</ol>

<div>
    <p class="p-0">Number of orders: <span id="item-count"></span></p>
    <div class="mb-2">
        <div>
            <p class="lead">Orders per page: </p>
            <div class="d-flex justify-content-start">
                6
                <a href="#" class="active-grid grid" data-offset="6">
                    <span class="material-icons mx-1">
                        view_module
                    </span>
                </a>
                12
                <a href="#" class="grid" data-offset="12">
                    <span class="material-icons rotate-90 mx-1">
                        view_comfy
                    </span>
                </a>
            </div>
        </div>
    </div>
</div>

<div id="admin-orders-div">

```

```
</div>

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



<nav aria-label="...">
    <ul class="pagination" id="pagination">

        </ul>
</nav>
</div>

<div id="delete-user-div"></div>

</div>

<?php
require_once "views/footer.php";
?>


```

3.1.4 admin-poll.php

```
<?php
    if(!isset($_SESSION))
    {
        session_start();
    }
    if($_SESSION['loggedUser']->user_type != 'admin') {
        header("Location: index.php");
    }

    require_once "config/connection.php";
    require_once "models/functions.php";
    require_once "models/admin-model.php";
```

```

require_once "views/head.php";
require_once "views/nav.php";

$poll = adminPollResults(1);
// display($poll);
?>

<div class="mb-5" id="hero-slider">
    <div class="container py-5">
        <div class="row">
            <h1 class="display-4">Polls panel</h1>
            <p class="ms-2 lead col-5 py-2" id="hero-paragraf">View all of the active polls</p>
        </div>
    </div>
</div>

<div class="mb-5">
    <div class="container">
        <div class="row">
            <h3 class="lead p-3 display-5 mb-3">Poll results</h3>
            <p class="lead col-md-4 bg-light mb-5 p-3">Here you view poll results</p>
            <ol class="breadcrumb text-primary bg-light p-3 border">
                <li class="breadcrumb-item"><a href="admin.php">
                    <span class="material-icons align-bottom">
                        arrow_back
                    </span>
                    Back to dashboard
                </a></li>
                <li class="breadcrumb-item"><a href="shop.php">
                    <span class="material-icons align-bottom">
                        shopping_bag
                    </span>
                    To shop
                </a></li>
            </ol>

            <div>
                <div class="mb-2">
                    <div>
                        <p class="lead">Poll question: <?php echo $poll['question'] ?></p>

```

```

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

        <table class="table table-striped table-bordered text-center">
            <thead>
                <tr>
                    <th scopescope="col">Answer text</th>
                    <th scope="col">Votes</th>
                </tr>
            </thead>
            <tbody id="admin-users-table" class="table-striped">
                <?php foreach($poll['answers'] as $i => $answer): ?>
                <tr>
                    <th class="lead"><?php echo $i +1 ?></th>
                    <th><?php echo $answer->text?></th>
                    <th><?php echo $poll['results'][$i]?></th>
                </tr>
                <?php endforeach;?>
            </tbody>
        </table>

        <table class="table table-striped table-bordered text-center">
            <thead>
                <tr>
                    <th scope="col">No.</th>
                    <th scope="col">User</th>
                    <th scope="col">Answer</th>
                </tr>
            </thead>
            <tbody id="admin-users-table" class="table-striped">
                <?php foreach($poll['users'] as $i => $user): ?>
                <tr>
                    <th class="lead"><?php echo $i +1 ?></th>
                    <th><?php echo $user->username?></th>
                    <th><?php echo $user->answer?></th>
                </tr>
                <?php endforeach;?>
            </tbody>
        </table>
    </div>
</div>
</div>
```

```
<div class="container">
<nav aria-label="...">
  <ul class="pagination" id="pagination">

    </ul>
</nav>
</div>

<div id="delete-user-div"></div>

</div>

<?php
require_once "views/footer.php";
?>
```

3.1.5 admin-product-add.php

```
<?php
  if(!isset($_SESSION))
  {
    session_start();
  }
  if($_SESSION['loggedUser']->user_type != 'admin') {
    header("Location: index.php");
  }

  require_once "config/connection.php";
  require_once "models/functions.php";
  require_once "models/admin-model.php";
  require_once "views/head.php";
  require_once "views/nav.php";

  $f = getAllFilters();
  // display($f);
```

```
?>

<div class="mb-5" id="hero-slider">
    <div class="container py-5">
        <div class="row">
            <h1 class="display-4">Add new Products panel</h1>
            <p class="ms-2 lead col-5 py-2" id="hero-paragraf">Here you can add new products</p>
        </div>
    </div>
</div>

<div class="mb-5">
    <div class="container">
        <div class="row">
            <h3 class="lead p-3 display-5 mb-3">Add new product</h3>
            <p class="lead col-md-4 bg-light mb-5 p-3">Here you can mannage all the the new products</p>
            <ol class="breadcrumb text-primary bg-light p-3 border">
                <li class="breadcrumb-item"><a href="admin.php">
                    <span class="material-icons align-bottom">
                        arrow_back
                    </span>
                    Back to dashboard
                </a></li>
                <li class="breadcrumb-item"><a href="shop.php">
                    <span class="material-icons align-bottom">
                        shopping_bag
                    </span>
                    To shop
                </a></li>
                <li class="breadcrumb-item"><a href="admin-products.php">
                    <span class="material-icons align-bottom">
                        local_offer
                    </span>
                    Back to products
                </a></li>
            </ol>
        </div>
    </div>
</div>

<div clas="m-5">
```

```

<div class="container">
    <div class="row">
        <div class="col-md-6">
            <div class="mb-3">
                <label for="exampleFormControlInput1" class="form-label d-
block lead bg-light p-2 text-success">Name</label>
                <input type="text" class="form-
control" id="name" placeholder="Product name">
                <span class="invalid"></span>
            </div>
            <div class="mb-3">
                <label for="exampleFormControlTextarea1" class="form-label d-
block lead bg-light p-2 text-success">Description</label>
                <textarea class="form-
control" id="desc" rows="3" placeholder="Product description"></textarea>
                <span class="invalid"></span>
            </div>
            <div class="mb-3">
                <label for="exampleFormControlTextarea1" class="form-label d-
block lead bg-light p-2 text-success">Price</label>
                <input type="number" class="form-
control" id="price" min='1' max='100' placeholder="Price">
                <span class="invalid"></span>
            </div>
            <div class="mb-3">
                <label for="exampleFormControlTextarea1" class="form-label d-
block lead bg-light p-2 text-success">Category</label>
                <select class="form-select" id="cat" aria-label="">
                    <?php foreach($f[0] as $i => $cat): ?>
                        <option id="cat-<?php echo $cat-
>cat_id?>" value="<?php echo $cat->cat_id?>"><?php echo $cat->cat_name?></option>
                    <?php endforeach; ?>
                </select>
            </div>
            <div class="mb-3">
                <label for="exampleFormControlTextarea1" class="form-label d-
block lead bg-light p-2 text-success">Brand</label>
                <select class="form-select" id="brand" aria-label="">
                    <?php foreach($f[1] as $i => $brand): ?>
                        <option id="brand-<?php echo $brand-
>brand_id?>" value="<?php echo $brand->brand_id?>"><?php echo $brand-
>brand_name?></option>
                    <?php endforeach; ?>
                </select>
            </div>

```

```

        <div class="mb-3">
            <label for="exampleFormControlTextarea1" class="form-label d-
block lead bg-light p-2 text-success">Color</label>
            <select class="form-select" id="color" aria-label="">
                <?php foreach($f[2] as $i => $color): ?>
                    <option id="color-<?php echo $color-
>color_id?>" value"<?php echo $color->color_id?>"><?php echo $color-
>color_name?></option>
                <?php endforeach; ?>
            </select>
        </div>
        <div class="mb-3">
            <label class="form-label d-block lead bg-light p-2 text-
success" for="inputGroupFile01">Upload image - Regular</label>
            <input type="file" class="form-control" id="img_normal">
            <span class="invalid"></span>
        </div>
        <div class="mb-3">
            <label class="form-label d-block lead bg-light p-2 text-
success" for="inputGroupFile01">Upload image - Thumbnail</label>
            <input type="file" accept="image/png, image/jpeg, image/jpg"
class="form-control" id="img_thumb">
            <span class="invalid"></span>
        </div>
        <div class="mb-3 lead bg-light p-2 px-4 text-success">
            <input type="checkbox" id="add-product-agree">
            <label class="form-label ms-
3" for="inputGroupFile01">I confirm that the info provided is valid</label>
        </div>
        <div classclass="btn btn-
secondary" id="submit">Add product</button>
        </div>
        <div class="mt-2">
            <p id="add-product-invalid" class="invalid lead"></p>
            <p id="add-product-valid" class="text-success lead"></p>
        </div>
    </div>
</div>

<?php
require_once "views/footer.php";
?>
```

3.1.6 admin-product-update.php

```
<?php
    if(!isset($_SESSION))
    {
        session_start();
    }
    if($_SESSION['loggedUser']->user_type != 'admin') {
        header("Location: index.php");
    }

    require_once "config/connection.php";
    require_once "models/functions.php";
    require_once "models/admin-model.php";
    require_once "views/head.php";
    require_once "views/nav.php";

    // $f = getFiltersID();
    // display($f);

?>

<div class="mb-5" id="hero-slider">
    <div class="container py-5">
        <div class="row">
            <h1 class="display-4">Update new Products panel</h1>
            <p class="ms-2 lead col-5 py-2" id="hero-
paragraf">Here you can update new products</p>
        </div>
    </div>
</div>

<div class="mb-5">
    <div class="container">
        <div class="row">
            <h3 class="lead p-3 display-5 mb-3">Update product</h3>
            <p class="lead col-md-4 bg-light mb-5 p-
3">Here you can mannage specific product</p>
            <ol class="breadcrumb text-primary bg-light p-3 border">
                <li class="breadcrumb-item"><a href="admin.php">
                    <span class="material-icons align-bottom">
```

```

                arrow_back
            </span>
            Back to dashboard
        </a></li>
        <li class="breadcrumb-item"><a href="shop.php">
            <span class="material-icons align-bottom">
                shopping_bag
            </span>
            To shop
        </a></li>
        <li class="breadcrumb-item"><a href="admin-products.php">
            <span class="material-icons align-bottom">
                local_offer
            </span>
            Back to products
        </a></li>
    </ol>
</div>
</div>
</div>

<div clas="m-5">
    <div class="container">
        <div class="row">
            <div class="col-md-6">
                <div class="mb-3">
                    <label for="exampleFormControlInput1" class="form-label d-
block lead bg-light p-2 text-success">Name</label>
                    <input type="text" class="form-
control" id="name" placeholder="Product name">
                    <span class="invalid"></span>
                </div>
                <div class="mb-3">
                    <label for="exampleFormControlTextarea1" class="form-label d-
block lead bg-light p-2 text-success">Description</label>
                    <textarea class="form-
control" id="desc" rows="3" placeholder="Product description"></textarea>
                    <span class="invalid"></span>
                </div>
                <div class="mb-3">
                    <label for="exampleFormControlInput1" class="form-label d-
block lead bg-light p-2 text-success">Price</label>
                    <input type="number" class="form-
control" id="price" min='1' max='100' placeholder="Price">
                    <span class="invalid"></span>
                </div>
            </div>
        </div>
    </div>
</div>
```

```
</div>
<div class="mb-3">
    <label for="exampleFormControlTextarea1" class="form-label d-
block lead bg-light p-2 text-success">Category</label>
    <select class="form-select" id="cat" aria-label="">

        </select>
    </div>
    <div class="mb-3">
        <label for="exampleFormControlTextarea1" class="form-label d-
block lead bg-light p-2 text-success">Brand</label>
        <select class="form-select" id="brand" aria-label="">

            </select>
        </div>
        <div class="mb-3">
            <label for="exampleFormControlTextarea1" class="form-label d-
block lead bg-light p-2 text-success">Color</label>
            <select class="form-select" id="color" aria-label="">

                </select>
            </div>
            <div class="mb-3">
                <label class="form-label d-block lead bg-light p-2 text-
success" for="inputGroupFile01">Upload image - Regular</label>
                <input type="file" class="form-control" id="img_normal">
                <span class="invalid"></span>
            </div>
            <div class="mb-3">
                <label class="form-label d-block lead bg-light p-2 text-
success" for="inputGroupFile01">Upload image - Thumbnail</label>
                <input type="file" accept="image/png, image/jpeg, image/jpg"
class="form-control" id="img_thumb">
                <span class="invalid"></span>
            </div>
            <div class="mb-3 lead bg-light p-2 px-4 text-success">
                <input type="checkbox" id="update-product-agree">
                <label class="form-label ms-
3" for="inputGroupFile01">I confirm that the info provided is valid</label>
            </div>
            <div class="mt-4" id="btn">

            </div>
            <div class="mt-2">
                <p id="update-product-invalid" class="invalid lead"></p>
            </div>
        </div>
    </div>
</div>
```

```
        <p id="update-product-valid" class="text-success lead"></p>
    </div>
</div>
<div class="col-md-4" id="img">
    </div>
</div>
</div>

<?php
require_once "views/footer.php";
?>
```

3.1.7 admin-products.php

```
<?php
    if(!isset($_SESSION))
    {
        session_start();
    }
    if($_SESSION['loggedUser']->user_type != 'admin') {
        header("Location: index.php");
    }

    require_once "config/connection.php";
    require_once "models/functions.php";
    require_once "models/admin-model.php";
    require_once "views/head.php";
    require_once "views/nav.php";

?>

<div class="mb-5" id="hero-slider">
    <div class="container py-5">
        <div class="row">
            <h1 class="display-4">Products panel</h1>
```

```

        <p class="ms-2 lead col-5 py-2" id="hero-paragraf">View all of the available products </p>
    </div>
</div>
</div>

<div class="mb-5">
    <div class="container">
        <div class="row">
            <h3 class="lead p-3 display-5 mb-3">Available products</h3>
            <p class="lead col-md-4 bg-light mb-5 p-3">Here you can mannage all the available products</p>
            <ol class="breadcrumb text-primary bg-light p-3 border">
                <li class="breadcrumb-item"><a href="admin.php">
                    <span class="material-icons align-bottom">
                        arrow_back
                    </span>
                    Back to dashboard
                </a></li>
                <li class="breadcrumb-item"><a href="shop.php">
                    <span class="material-icons align-bottom">
                        shopping_bag
                    </span>
                    To shop
                </a></li>
                <li class="breadcrumb-item"><a href="admin-product-add.php">
                    <span class="material-icons align-bottom">
                        add_circle
                    </span>
                    Add new product
                </a></li>
            </ol>

        <div>
            <p class="p-0">Number of items: <span id="item-count"></span></p>
            <div class="mb-2">
                <div>
                    <p class="lead">Products per page: </p>
                    <div class="d-flex justify-content-start">
                        6
                        <a href="#" class="active-grid grid" data-offset="6">
                            <span class="material-icons mx-1" >
                                view_module
                            </span>
                        </a>
                    </div>
                </div>
            </div>
        </div>
    </div>
</div>

```

```
        </a>
        12
        <a href="#" class="grid" data-offset="12">
            <span class="material-icons rotate-90 mx-1">
                view_comfy
            </span>
        </a>
    </div>
</div>
</div>
</div>

<table class="table table-striped table-bordered text-center">
    <thead>
        <tr>
            <th scope="col">No.</th>
            <th scope="col">Image</th>
            <th scope="col">Name</th>
            <th scope="col">Category</th>
            <th scope="col">Brand</th>
            <th scope="col">Color</th>
            <th scope="col">Inserted on</th>
            <th scope="col">Edit</th>
            <th scope="col">Delete</th>
        </tr>
    </thead>
    <tbody id="admin-products-table" class="table-striped">
        </tbody>
    </table>
</div>
</div>
</div>

<div class="container">
<nav aria-label="...">
    <ul class="pagination" id="pagination">
        </ul>
</nav>
</div>

<div id="delete-user-div"></div>
```

```
</div>

<?php
require_once "views/footer.php";
?>
```

3.1.8 admin-users.php

```
<?php
    if(!isset($_SESSION))
    {
        session_start();
    }
    if($_SESSION['loggedUser']->user_type != 'admin') {
        header("Location: index.php");
    }

    require_once "config/connection.php";
    require_once "models/functions.php";
    require_once "models/admin-model.php";
    require_once "views/head.php";
    require_once "views/nav.php";

?>

<div class="mb-5" id="hero-slider">
    <div class="container py-5">
        <div class="row">
            <h1 class="display-4">Users panel</h1>
            <p class="ms-2 lead col-5 py-2" id="hero-paragraf">View all of the registered users</p>
        </div>
    </div>
</div>

<div class="mb-5">
    <div class="container">
        <div class="row">
            <h3 class="lead p-3 display-5 mb-3">Registered users</h3>
```

```

<p class="lead col-md-4 bg-light mb-5 p-3">Here you can manage these options</p>
<ol class="breadcrumb text-primary bg-light p-3 border">
    <li class="breadcrumb-item"><a href="admin.php">
        <span class="material-icons align-bottom">
            arrow_back
        </span>
        Back to dashboard
    </a></li>
    <li class="breadcrumb-item"><a href="shop.php">
        <span class="material-icons align-bottom">
            shopping_bag
        </span>
        To shop
    </a></li>
</ol>

<div>
    <p class="p-0">Number of users: <span id="item-count"></span></p>
    <div class="mb-2">
        <div>
            <p class="lead">Users per page: </p>
            <div class="d-flex justify-content-start">
                6
                <a href="#" class="active-grid grid" data-offset="6">
                    <span class="material-icons mx-1" >
                        view_module
                    </span>
                </a>
                12
                <a href="#" class="grid" data-offset="12">
                    <span class="material-icons rotate-90 mx-1" >
                        view_comfy
                    </span>
                </a>
            </div>
        </div>
    </div>
</div>

<table class="table table-striped table-bordered text-center">
    <thead>
        <tr>
            <th scope="col">No.</th>
            <th scope="col">Username</th>

```

```

        <th scope="col">First name</th>
        <th scope="col">Last name</th>
        <th scope="col">Email</th>
        <th scope="col">Registered on</th>
        <th scope="col">Delete</th>
    </tr>
</thead>
<tbody id="admin-users-table" class="table-striped">

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

<div class="container">
<nav aria-label="...">
    <ul class="pagination" id="pagination">

    </ul>
</nav>
</div>

<div id="delete-user-div"></div>

</div>

<?php
require_once "views/footer.php";
?>
```

3.1.9 admin.php

```

<?php
    if(!isset($_SESSION))
    {
        session_start();
    }
    if($_SESSION['loggedUser']->user_type != 'admin') {
```

```

        header("Location: index.php");
    }

    require_once "config/connection.php";
    require_once "models/functions.php";
    // require_once "models/admin-model.php";
    require_once "views/head.php";
    require_once "views/nav.php";

?>

<div class="mb-5" id="hero-slider">
    <div class="container py-5">
        <div class="row">
            <h1 class="display-4">Welcome back <?php echo $_SESSION['loggedUser']->username ?></h1>
            <p class="ms-2 lead col-5 py-2" id="hero-paragraf">This is the admin panel, here you have full control</p>
        </div>
    </div>
</div>

<div class="mb-5">
    <div class="container">
        <h3 class="lead p-3 display-5 mb-3">Admin dashboard</h3>
        <p class="lead col-md-4 bg-light mb-5 p-3">Here you can manage these options</p>
        <nav aria-label="breadcrumb col-md-4 p-0">
            <ol class="breadcrumb text-primary bg-light p-3 border">
                <li class="breadcrumb-item align-middle"><a href="admin-users.php" class="">
                    <span class="material-icons align-bottom">
                        people
                    </span> Users</a></li>
                <li class="breadcrumb-item"><a href="admin-products.php">
                    <span class="material-icons align-bottom">
                        local_offer
                    </span>
                    Products
                </a></li>
                <li class="breadcrumb-item"><a href="admin-orders.php">
                    <span class="material-icons align-bottom">

```

```
        receipt_long
    </span>
Orders</a>
</li>
<li class="breadcrumb-item"><a href="admin-messages.php">
<span class="material-icons align-bottom">
    email
</span>
Messages</a>
</li>
<li class="breadcrumb-item"><a href="admin-poll.php">
<span class="material-icons align-bottom">
    poll
</span>
Poll</a>
</li>
</ol>
</nav>
</div>
</div>

<?php
require_once "views/footer.php";
?>
```

3.1.10 author.php

```
<?php
require_once "config/connection.php";
require_once "models/functions.php";
require_once "views/head.php";
require_once "views/nav.php";

?>

<div class="mb-5" id="hero-slider">
<div class="container py-5">
```

```

<div >
    <div >
        <h1 >This is the author page</h1>
        <p >This is the subtitle of the author page</p>
    </div>
</div>

<div >
    <div >
        <hr >
        <div >
            <div >
                <h2 >Author</h2>
                <p >My name is Pavle and as you can see... I'm doing just fine. My main goal is to become a professional web developer. I like problem solving and building things, that's probably the reason i enjoy web development so much.</p>
                <hr>
                <h3 >Personal info</h3>
                <p >Making this shitsite got me like:</p>
                <p >"Yeah well, I'm gonna build my own PHP framework...With blackjack and hookers! In fact, forget about PHP framework..."</p>
                <p >Favourite book:</p>
                <p>Illiad by Homer, <small>the chaddest book</small></p>
                <p >Miscellaneous:</p>
                <p>I really hate jQuery</p>
                <hr>
            </div>
        </div >
        <div >
            <figure>
                
            </figure>
        </div>
    </div>
</div>

<hr >

<?php
require_once "views/footer.php";

```

?>

3.1.11 cart.php

```
<?php
    if(!isset($_SESSION))
    {
        session_start();
    }
    if($_SESSION['loggedUser']->user_type != "customer") {
        header("Location: index.php");
    }
    require_once "config/connection.php";
    require_once "models/functions.php";
    require_once "models/shop-model.php";
    require_once "views/head.php";
    require_once "views/nav.php";

?>

<div class="mb-5" id="hero-slider">
    <div class="container py-5">
        <div class="row">
            <h1 class="display-4">This is the cart page</h1>
            <p class="ms-2 lead col-5 py-2" id="hero-
paragraf">This is is the subtitle of the cart page</p>
        </div>
    </div>
</div>

<div id="product-add-div"></div>

<div id="popup-cart">

    <div class="modal fade" id="remove-prod-cart-modal" tabindex="-1" aria-
labelledby="remove-prod-cart-modal" aria-hidden="true">
        <div class="modal-dialog">
            <div class="modal-content">
                <div class="modal-header">
```

```

        <h5 class="modal-title lead" id="remove-prod-cart-modal-title"></h5>
        <button type="button" class="btn-close" data-bs-dismiss="modal" aria-
Label="Close"></button>
    </div>
    <div class="modal-body">
        <h4 class="lead">Details: </h4>
        <p class="lead">Name: <span id="remove-prod-cart-modal-
name" class="bg-light border p-1"></span></p>
        <p class="lead" >Color: <span id="remove-prod-cart-modal-
color" class="bg-light border p-1"></span></p>
        <p class="lead" >Price: <span id="remove-prod-cart-modal-
price" class="bg-light border p-1"></span></p>
        <p class="lead" >Brand: <span id="remove-prod-cart-modal-
brand" class="bg-light border p-1"></span></p>
    </div>
    <div class="modal-footer">
        <a href="shop.php" class="btn btn-secondary">Continue shopping</a>
        <button type="button" class="btn btn-light border" data-bs-
dismiss="modal">Close</button>
    </div>
</div>

</div>

<section class="section-pagetop bg">
    <div class="container">
        <h2 class="title-page">Shopping cart</h2>
        <p class="lead">No. items in cart: <span id="modal-number-products-
cart"></span></p>
    </div> <!-- container // -->
</section>

<div class="container">
<table class="table table-striped table-bordered text-center">
    <thead>
        <tr>
            <th scope="col">No.</th>
            <th scope="col">Image</th>

```

```

        <th scope="col">Name</th>
        <th scope="col">Category</th>
        <th scope="col">Brand</th>
        <th scope="col">Color</th>
        <th scope="col">Price</th>
        <th scope="col">Quantity</th>
        <th scope="col">Total</th>
        <th scope="col">Remove</th>
    </tr>
</thead>
<tbody id="cart-orders-list" class="table-striped">

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

<!-- ===== SECTION CONTENT ===== -->
<section class="section-content padding-y">
    <div class="container">

        <div class="row">
            <main class="col-md-9">
                <div class="card">

                    <div>
                        <input type="hidden" name="cart-user-id" id="cart-user-
id" value="<?php echo $_SESSION['loggedUser']->user_id?>">
                    </div>

<!-- <div class="my-5">
    <h3 class="lead display-4 my-5">Cart</h3>
    <table id="cart">

        </table>
</div> -->

<div class="card-body border-top">

```

```

        <a href="#" class="btn btn-secondary float-md-right" id="cart-make-purchase"> Make Purchase </a>
            <a href="shop.php" class="btn btn-light"> <i class="fa fa-chevron-left"></i> Continue shopping </a>
        </div>
        <p class="lead text-danger ms-3" id="cart-no-item"></p>
        <p class="lead text-success ms-3" id="cart-success"></p>
    </div> <!-- card.-->

    <div class="alert alert-success mt-3">
        <p class="icontext"><i class="icon text-success fa fa-truck"></i> Free Delivery within 1-2 weeks</p>
    </div>

</main> <!-- col.-->
<aside class="col-lg-3">
    <div class="card">
        <div class="card-body">
            <div class="card-title">
                <h3 class="lead">Order</h3>
            </div>
            <dl class="dlist-align">
                <dt>Price:</dt>
                <dd class="text-right" >&dollar;<span id='price'></span></dd>
            </dl>
            <hr>
            <dl class="dlist-align">
                <dt>Total:</dt>
                <dd class="text-right h5" >&dollar;<strong id="total-price"></strong></dd>
            </dl>
        </div> <!-- card .-->
    </aside> <!-- col.-->
</div>

</div> <!-- container .-->
</section>
<!-- ===== SECTION CONTENT END// ===== -->
```

```
<?php
require_once "views/footer.php";
```

```
?>
```

3.1.12 contact.php

```
<?php

if(!isset($_SESSION))
{
    session_start();
}
if(isset($_SESSION['loggedUser']) && $_SESSION['loggedUser']->user_type == "admin") {
    header("Location: index.php");
}
require_once "config/connection.php";
require_once "models/functions.php";
require_once "models/shop-model.php";
require_once "views/head.php";
require_once "views/nav.php";

?>

<div class="mb-5" id="hero-slider">
    <div class="container py-5">
        <div class="row">
            <h1 class="display-4">This is the contact page</h1>
            <p class="ms-2 lead col-5 py-2" id="hero-paragraf">Here you can send us a message</p>
        </div>
    </div>
</div>

<div class="container">
    <div class="row">
        <hr class="featurette-divider">

        <div class="container my-5">
```

```

<div class="row">

    <div class="col-md-6">
        <figure>
            
        </figure>
    </div>

    <div class="col-md-6">
        <div>
            <h4 class="featurette-heading">Have any questions? <span class="text-muted">Send us an mail.</span></h4>
            <p class="lead">Don't hesitate to send us an email if you have any questions, we are here to help.</p>
            <!-- <h4 class="lead text-success d-none col-md-6 py-3" id="contact-success"></h4> -->
        </div>
        <form class="" id="contact-form">
            <div class="row g-3">
                <div class="col-sm-6">
                    <label for="firstName" class="form-label">First name</label>
                    <input type="text" class="form-control" id="fname" placeholder="Mark" value=<?php echo (isset($_SESSION['loggedUser'])) && $_SESSION['loggedUser']->user_type == 'customer' ? $_SESSION['loggedUser']->first_name : '' ?>" required>
                        <span clas='text-danger'>
                            <?php echo isset($_SESSION['fnameCon']) ? $_SESSION['fnameCon'] : "" ?>
                        </span>
                </div>

                <div class="col-sm-6">
                    <label for="lastName" class="form-label">Last name</label>
                    <input type="text" class="form-control" id="lname" placeholder="Cuban" value=<?php echo (isset($_SESSION['loggedUser'])) && $_SESSION['loggedUser']->user_type == 'customer' ? $_SESSION['loggedUser']->last_name : '' ?>" required>
                        <span clas='text-danger'>
                            <?php echo isset($_SESSION['lnameCon']) ? $_SESSION['lnameCon'] : "" ?>
                        </span>
                </div>
            </div>
        </form>
    </div>

```

```

        </div>

        <div class="col-12">
            <label for="email" class="form-label">Email <span class="text-muted"></span></label>
                <input type="email" class="form-control" id="email" placeholder"you@example.com" value="php echo (isset($_SESSION['loggedUser']) &amp;&amp; $_SESSION['loggedUser']-&gt;user_type == 'customer') ? $_SESSION['loggedUser']-&gt;email : '' ?&gt;"&gt;
                    &lt;span <iclas'text-danger'>
                        <?php echo isset($_SESSION['emailCon']) ? $_SESSION['emailCon'] : "" ?>
                    </span>
                </div>

                <div class="col-12">
                    <label for="subject" class="form-label">Subject <span class="text-muted"></span></label>
                    <input type="text" class="form-control" id="subject" placeholder"Subject" value="">
                    <span clas'text-danger'>
                        <?php echo isset($_SESSION['subjectCon']) ? $_SESSION['subjectCon'] : "" ?>
                    </span>
                </div>

                <div class="col-12">
                    <label for="email" class="form-label">Message <span class="text-muted"></span></label>
                    <textarea name="message" class="form-control" id="message" cols="30" rows="3"></textarea>
                    <span clas'text-danger'>
                        <?php echo isset($_SESSION['messageCon']) ? $_SESSION['messageCon'] : "" ?>
                    </span>
                </div>

                <hr class="my-4">

            <div>
                <button class="w-35 btn btn-secondary border btn col-md-5 mb-3" id="contact-submit" type="submit">Send</button>
            </div>

```

```
        <div>
            <span id="contact-success" class="bg-light text-success"></span>
            <span id="contact-fail" class="bg-light invalid"></span>
        </div>

        </form>
    </div>

</div>

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

<?php

unset($_SESSION['fnameCon']);
unset($_SESSION['lnameCon']);
unset($_SESSION['emailCon']);
unset($_SESSION['subjectCon']);
unset($_SESSION['messageCon']);

?>

<?php
require_once "views/footer.php";
?>
```

3.1.13 customer-messages.php

```
<?php

    if(!isset($_SESSION))
    {
        session_start();
    }

    if($_SESSION['loggedUser']->user_type != 'customer') {
        header("Location: index.php");
    }

    require_once "config/connection.php";
    require_once "models/functions.php";
    require_once "models/admin-model.php";
    require_once "views/head.php";
    require_once "views/nav.php";

?

<div class="mb-5" id="hero-slider">
    <div class="container py-5">
        <div class="row">
            <h1 class="display-4"><?php echo $_SESSION['loggedUser']->first_name?>'s messages</h1>
            <p class="ms-2 lead col-5 py-2" id="hero-paragraf">View all of your messages</p>
        </div>
    </div>
</div>

<div class="mb-5">
    <div class="container">
        <div class="row">
            <h3 class="lead p-3 display-5 mb-3">Sent messages</h3>
            <p class="lead col-md-5 bg-light mb-5 p-3">Here you can see all messages you've sent</p>
            <ol class="breadcrumb text-primary bg-light p-3 border">
                <li class="breadcrumb-item"><a href="customer.php">
                    <span class="material-icons align-bottom">
                        person
                </span>
                <a href="customer.php">
                    <span class="material-icons align-bottom">
                        person
                </span>
                </a>
            </li>
        </ol>
    </div>
</div>
```

```

        </span>
        Back to profile
    </a></li>
<li class="breadcrumb-item"><a href="shop.php">
    <span class="material-icons align-bottom">
        shopping_bag
    </span>
    To shop
</a></li>
</ol>

<div>
    <p class="p-0">Number of messages: <span id="item-
count"></span></p>
    <div class="mb-2">
        <div>
            <p class="lead">messages per page: </p>
            <div class="d-flex justify-content-start">
                6
                <a href="#" class="active-grid grid" data-offset="6">
                    <span class="material-icons mx-1" >
                        view_module
                    </span>
                </a>
                12
                <a href="#" class="grid" data-offset="12">
                    <span class="material-icons rotate-90 mx-1" >
                        view_comfy
                    </span>
                </a>
            </div>
        </div>
    </div>
</div>

<div id="customer-messages-div">

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

```

```
<div class="container">
<nav aria-label="...">
    <ul class="pagination" id="pagination">
        </ul>
</nav>
</div>

<div id="delete-user-div"></div>

</div>

<?php
require_once "views/footer.php";
?>
```

3.1.14 customer-orders.php

```
<?php
    if(!isset($_SESSION))
    {
        session_start();
    }
    if($_SESSION['loggedUser']->user_type != 'customer') {
        header("Location: index.php");
    }

    require_once "config/connection.php";
    require_once "models/functions.php";
    require_once "models/admin-model.php";
    require_once "views/head.php";
    require_once "views/nav.php";

?>
```

```

<div class="mb-5" id="hero-slider">
    <div class="container py-5">
        <div class="row">
            <h1 class="display-4"><?php echo $_SESSION['loggedUser']->first_name?>'s orders</h1>
            <p class="ms-2 lead col-5 py-2" id="hero-paragraf">View all of your transactions</p>
        </div>
    </div>
</div>

<div class="mb-5">
    <div class="container">
        <div class="row">
            <h3 class="lead p-3 display-5 mb-3">Successfull orders</h3>
            <p class="lead col-md-5 bg-light mb-5 p-3">Here you can see all orders you made</p>
            <ol class="breadcrumb text-primary bg-light p-3 border">
                <li class="breadcrumb-item"><a href="customer.php">
                    <span class="material-icons align-bottom">
                        person
                    </span>
                    Back to profile
                </a></li>
                <li class="breadcrumb-item"><a href="shop.php">
                    <span class="material-icons align-bottom">
                        shopping_bag
                    </span>
                    To shop
                </a></li>
            </ol>

            <div>
                <p class="p-0">Number of items: <span id="item-count"></span></p>
                <div class="mb-2">
                    <div>
                        <p class="lead">Products per page: </p>
                        <div class="d-flex justify-content-start">
                            6
                            <a href="#" class="active-grid grid" data-offset="6">
                                <span class="material-icons mx-1" >
                                    view_module
                                </span>
                            </a>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>
</div>

```

```
12
<a href="#" class="grid" data-offset="12">
    <span class="material-icons rotate-90 mx-1">
        view_comfy
    </span>
</a>
</div>
</div>
</div>

<div id="customer-orders-div">

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

<div class="container">
<nav aria-label="...">
    <ul class="pagination" id="pagination">
        ...
    </ul>
</nav>
</div>

<div id="delete-user-div"></div>

</div>

<?php
require_once "views/footer.php";
?>
```

3.1.15 customer.php

```
<?php
if(!isset($_SESSION))
{
    session_start();
}
require_once "config/connection.php";
require_once "models/functions.php";
// require_once "models/customer-model.php";
// require_once "models/polls.php";
require_once "views/head.php";
require_once "views/nav.php";

if($_SESSION['loggedUser']->user_type != "customer") {
    header("Location: index.php");
}

// $poll = selectPoll(1);
// display($poll);

?>

<div class="mb-5" id="hero-slider">
    <div class="container py-5">
        <div class="row">
            <h1 class="display-4">Welcome back <?php echo $_SESSION['loggedUser']->first_name ?></h1>
            <p class="ms-2 lead col-5 py-2" id="hero-paragraf">Here you can manage your info</p>
        </div>
    </div>
</div>

<div class="container">
    <div class="row">
        <div class="col-md-6">
            <h3 class="lead display-6"><?php echo $_SESSION['loggedUser']->first_name ?>, these are your personal info</h3>
            <div class="mt-3">
                <div class="d-flex align-items-center p-3 bg-light">
                    <span class="material-icons">person</span>
```

```

        <span class="lead ms-3 text-
success"><?php echo $_SESSION['loggedUser']-
>first_name; echo " " . $_SESSION['loggedUser']->last_name?></span>
        </div>
        <div class="d-flex align-items-center mt-3 p-3 bg-light">
        <span class="material-icons">
            account_circle
        </span>
        <span class="lead ms-3 text-
success"><?php echo $_SESSION['loggedUser']->username;?></span>
        </div>
        <div class="d-flex align-items-center mt-3 p-3 bg-light">
        <span class="material-icons">
            alternate_email
        </span>
        <span class="lead ms-3 text-
success"><?php echo $_SESSION['loggedUser']->email;?></span>
        </div>
        <div class="d-flex align-items-center mt-3 p-3 bg-light">
        <span class="material-icons">
            event
        </span>
        <span class="lead ms-3 text-
success"><?php echo $_SESSION['loggedUser']->date_created;?></span>
        </div>
        <!-- <div class="d-flex align-items-center mt-3 p-3 bg-light">
        <span class="material-icons">
            lock
        </span>
        <span class="lead ms-3 text-success"><a data-bs-
toggle="collapse" data-bs-
target="#collapseExample" href="#collapseExample" role="button" aria-
expanded="false" aria-controls="collapseExample">Change password</a> </span>
        </div> -->
        <div class="d-flex align-items-center mt-3 p-3 bg-light">
        <span class="material-icons">
            receipt_long
        </span>
        <span class="lead ms-3 text-success"><a href="customer-
orders.php">View orders</a> </span>
        </div>
        <div class="d-flex align-items-center mt-3 p-3 bg-light">
        <span class="material-icons">
            email
        </span>

```

```
        <span class="lead ms-3 text-success"><a href="customer-
messages.php">View messages</a> </span>
    </div>
</div>

<div id="customer-poll" class='col-md-5 mt-5 ms-auto d-flex-column align-self-
center'>

</div>
</div>

</div>

<?php
require_once "views/footer.php";
?>
```

3.1.16 index.php

```
<?php
require_once "config/connection.php";
require_once "models/functions.php";
require_once "views/head.php";
require_once "views/nav.php";
```

```
?>

<div class="mb-5" id="hero-slider">
  <div class="container py-5">
    <div class="row">
      <h1 class="display-4">This is the index page</h1>
      <p class="ms-2 lead col-5 py-2" id="hero-paragraf">This is is the subtitle of the index page</p>
    </div>
  </div>
</div>

<div class="container">
  <div class="row">
    <hr class="featurette-divider">

    <div class="row featurette my-5 d-flex align-items-center">
      <div class="col-md-7">
        <h4 class="display-6 lead">Need a shirt for every occasion? <span class="text-muted">It'll blow your mind.</span></h4>
        <p class="lead">Match any combination and rock every style with our shirts. Don't believe us?<a href="shop.php" class="text-muted bg-light"> Check them out</a></p>
      </div>
      <div class="col-md-5">
        <figure>
          
        </figure>
      </div>
    </div>

    <hr class="featurette-divider">

    <div class="row featurette my-5 d-flex align-items-center">
      <div class="col-md-7 order-md-2">
        <h4 class="display-6 lead">Oh yeah, it's that good. <span class="text-muted">See for yourself.</span></h4>
      </div>
    </div>
  </div>
</div>
```



```
        
    </figure>

    <div class="card-body">
        <p class="card-
text">Our newest collections have just arrived, and you can be first one to check them out. Remember they rock every style.</p>
        <div class="d-flex justify-content-between align-items-center">
            </div>
        </div>
    </div>
    <div class="col">
        <div class="card shadow-sm">
            <figure>
                
            </figure>

            <div class="card-body">
                <p class="card-
text">Doesn't matter what age you are, our shirts will fit you like no other. After trying them you'll never want to switch back.</p>
                <div class="d-flex justify-content-between align-items-center">
                    </div>
                </div>
            </div>
        </div>
        <div class="col">
            <div class="card shadow-sm">
                <figure>
                    
                </figure>

                <div class="card-body">
                    <p class="card-
text">Simple but powerful. Our shirts design is our strongest point. Everyday combos never looked this fresh and good.</p>
                    <div class="d-flex justify-content-between align-items-center">
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>
</div>
```

```
</div>

<?php
    require_once "views/footer.php";
?>
```

3.1.17 login.php

```
<?php
    if(!isset($_SESSION))
    {
        session_start();
    }

    if(isset($_SESSION['loggedUser'])) {
        header("Location: index.php");
    }

    require_once "models/functions.php";
    require_once "config/connection.php";
    require_once "views/head.php";
    require_once "views/nav.php";

?>

<div class="mb-5" id="hero-slider">
    <div class="container py-5">
        <div class="row">
            <h1 class="display-4">This is the login page</h1>
```

```

        <p class="ms-2 lead col-5 py-2" id="hero-paragraf">This is is the subtitle of the login page</p>
    </div>
</div>

<div class="container">
    <div class="row">
        <form action="models/login-model.php" method="POST" class="col-5" id="login-form">
            <div class="mb-3">
                <label class="form-label">Username or email</label>
                <input type="text" class="form-control" name="usernameEmail" id="usernameEmail" value=<?php echo isset($_SESSION['usernameEmail']) ? $_SESSION['usernameEmail'] : "" ?>">
                <span class='invalid'>
                    <?php echo isset($_SESSION['usernameEmailError']) ? $_SESSION['usernameEmailError'] : "" ?>
                </span>
            </div>
            <div class="mb-3">
                <label class="form-label">Password</label>
                <input type="password" class="form-control" name="password" id="password" value=<?php echo isset($_SESSION['password']) ? $_SESSION['password'] : "" ?>">
                <span class='invalid'>
                    <?php echo isset($_SESSION['passwordError']) ? $_SESSION['passwordError'] : "" ?>
                </span>
            </div>
            <button type="submit" value="login" name='login-user' value="login-user" id="login-user" class="btn btn-secondary">Login</button><br>
            <span class='invalid'>
                <?php echo isset($_SESSION['errorLogin']) ? $_SESSION['errorLogin'] : "" ?>
            </span>
            <p class='option mt-4'>Don't have an account? <a class="text-primary" href='<?php echo 'register.php' ?>'>Register now</a></p>
        </form>
    </div>
</div>

```

```

<?php

unset($_SESSION['usernameEmailError']);
unset($_SESSION['passwordError']);
unset($_SESSION['usernameEmail']);
unset($_SESSION['password']);
unset($_SESSION['errorLogin']);

?>

<?php
require_once "views/footer.php";
?>

```

3.1.18 product.php

```

<?php
    if(!isset($_SESSION))
    {
        session_start();
    }

    require_once "config/connection.php";
    require_once "models/functions.php";
    require_once "models/shop-model.php";
    require_once "views/head.php";
    require_once "views/nav.php";

?>
<div id="single-product-add-div"></div>

<div class="mb-5" id="hero-slider">
    <div class="container py-5">
        <div class="row">
            <h1 class="display-4" id="single-product-h1"></h1>
            <p class="ms-2 lead col-5 py-2" id="hero-
paragraf">Here you can learn more about <span id="single-product-
p"></span>'s info</p>
        </div>
    </div>

```

```

</div>

<div class="container">
    <ol class="breadcrumb text-primary bg-light p-3 border">
        <li class="breadcrumb-item"><a href="shop.php">
            <span class="material-icons align-bottom">
                shopping_bag
            </span>
            To shop
        </a></li>
        <?php if(isset($_SESSION['loggedUser'])) && $_SESSION['loggedUser']->
        user_type == 'customer'): ?>
            <li class="breadcrumb-item"><a href="cart.php">Go to cart</a></li>
        <?php endif; ?>
    </ol>
</div>

<div id="single-product-div"></div>

<?php
require_once "views/footer.php";
?>
```

3.1.19 register.php

```

<?php
    if(!isset($_SESSION))
    {
        session_start();
    }

    if(isset($_SESSION['loggedUser'])) {
        header("Location: index.php");
    }

    require_once "models/functions.php";
    require_once "config/connection.php";
    require_once "views/head.php";
    require_once "views/nav.php";
```

```

?>

<div class="mb-5" id="hero-slider">
    <div class="container py-5">
        <div class="row">
            <h1 class="display-4">This is the register page</h1>
            <p class="ms-2 lead col-5 py-2" id="hero-
paragraph">This is is the subtitle of the register page</p>
        </div>
    </div>
</div>

<div class="container">
    <div class="row">
        <form action="models/register-model.php" method="POST" class="col-
5" id="login-form">
            <div class="mb-3">
                <label class="form-label">Username</label>
                <input type="text" class="form-control" name="username-
register" id="username" value=<?php echo isset($_SESSION['usernameRegister']) ? $_SESSION['usernameRegister'] : "" ?>">
                <span class='invalid'>
                    <?php echo isset($_SESSION['usernameRegisterError']) ? $_SESSION['usernameRegisterError'] : "" ?>
                </span>
            </div>
            <div class="mb-3">
                <label class="form-label">First name</label>
                <input type="text" class="form-control" name="fname-
register" id="fname" value=<?php echo isset($_SESSION['fnameRegister']) ? $_SESSION['fnameRegister'] : "" ?>">
                <span class='invalid'>
                    <?php echo isset($_SESSION['fnameRegisterError']) ? $_SESSION['fnameRegisterError'] : "" ?>
                </span>
            </div>
            <div class="mb-3">
                <label class="form-label">Last name</label>
                <input type="text" class="form-control" name="lname-
register" id="lname" value=<?php echo isset($_SESSION['lnameRegister']) ? $_SESSION['lnameRegister'] : "" ?>">
                <span class='invalid'>

```

```

        <?php echo isset($_SESSION['lnameRegisterError']) ? $_SESSION
['lnameRegisterError'] : "" ?>
        </span>
    </div>
    <div class="mb-3">
        <label class="form-label">Address</label>
        <input type="text" class="form-control" name="address-
register" id="address" value="<?php echo isset($_SESSION['addressRegister']) ? $_
SESSION['addressRegister'] : "" ?>">
        <span class='invalid'>
            <?php echo isset($_SESSION['addressRegisterError']) ? $_SESSI
ON['addressRegisterError'] : "" ?>
        </span>
    </div>
    <div class="mb-3">
        <label class="form-label">Email</label>
        <input type="text" class="form-control" name="email-
register" id="email" value="<?php echo isset($_SESSION['emailRegister']) ? $_SESS
ION['emailRegister'] : "" ?>">
        <span class='invalid'>
            <?php echo isset($_SESSION['emailRegisterError']) ? $_SESSION
['emailRegisterError'] : "" ?>
        </span>
    </div>
    <div class="mb-3">
        <label class="form-label">Password</label>
        <input type="password" class="form-control" name="password-
register-
1" id="password1" value="<?php echo isset($_SESSION['passwordRegister1']) ? $_SES
SION['passwordRegister1'] : "" ?>">
        <span class='invalid'>
            <?php echo isset($_SESSION['passwordRegister1Error']) ? $_SES
SION['passwordRegister1Error'] : "" ?>
        </span>
    </div>
    <div class="mb-3">
        <label class="form-label">Confirm Password</label>
        <input type="password" class="form-control" name="password-
register-
2" id="password2" value="<?php echo isset($_SESSION['passwordRegister2']) ? $_SES
SION['passwordRegister2'] : "" ?>">
        <span class='invalid'>
            <?php echo isset($_SESSION['passwordRegister2Error']) ? $_SES
SION['passwordRegister2Error'] : "" ?>
        </span>
    </div>

```

```
</div>
</div>
<div class="mb-3">
    <button type="submit" name='register-user' value="register-user" id="register-user" class='btn btn-secondary'>Register</button><br>
    <span class='invalid'>
        <?php echo isset($_SESSION['errorRegister']) ? $_SESSION['errorRegister'] : "" ?>
    </span>
    <p class='option mt-4'>Already have an account? <a class="text-primary" href='<?php echo 'login.php' ?>'>Login now</a></p>
</div>
</div>

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

<?php

unset($_SESSION['usernameRegisterError']);
unset($_SESSION['usernameRegister']);
unset($_SESSION['fnameRegisterError']);
unset($_SESSION['fnameRegister']);
unset($_SESSION['lnameRegisterError']);
unset($_SESSION['lnameRegister']);
unset($_SESSION['passwordRegister1Error']);
unset($_SESSION['passwordRegister1']);
unset($_SESSION['passwordRegister2Error']);
unset($_SESSION['passwordRegister2']);
unset($_SESSION['addressRegisterError']);
unset($_SESSION['addressRegister']);
unset($_SESSION['emailRegisterError']);
unset($_SESSION['emailRegister']);
unset($_SESSION['errorRegister']);

?>

<?php
require_once "views/footer.php";
?>
```

3.1.20 shop.php

```
<?php
    require_once "config/connection.php";
    require_once "models/functions.php";
    require_once "models/shop-model.php";
    require_once "views/head.php";
    require_once "views/nav.php";
    $data = loadFilters();

?>

<div id="shop-add-div"></div>

<div class="mb-5" id="hero-slider">
    <div class="container py-5">
        <div class="row">
            <h1 class="display-4">This is the shop page</h1>
            <p class="ms-2 lead col-5 py-2" id="hero-paragraf">This is the subtitle of the shop page</p>
        </div>
    </div>
</div>

<section class="section-content padding-y">
    <div class="container">

        <div class="row">
            <aside class="col-md-3">

                <div class="card">
                    <article class="filter-group">
                        <header class="card-header">
                            <a href="#" data-toggle="collapse" data-target="#collapse_1" aria-expanded="true" class="">
                                <i class="icon-control fa fa-chevron-down"></i>
                                <h6 class="title">Shirt type</h6>
                            </a>
                        </header>
                        <div class="filter-content collapse show" id="collapse_1" >
```

```

<div class="card-body">
    <form class="pb-3">
        <div class"input-group">
            <input type="text" class="form-control" id="search-products" placeholder="Search">
                <div class="input-group-append">
                    <button class="btn btn-light" type="button"><i class="fa fa-search"></i></button>
                </div>
            </div>
        </form>

        <div id="category">

            </div>
        </div> <!-- card-body.-->
    </div>
</article> <!-- filter-group .-->

<!-- #region -->
<article class="filter-group">
    <header class="card-header">
        <a href="#" data-toggle="collapse" data-target="#collapse_2" aria-expanded"true" class="">
            <i class="icon-control fa fa-chevron-down"></i>
            <h6 class="title">Brands </h6>
        </a>
    </header>
    <div class="filter-content collapse show" id="collapse_2" >
        <div class="card-body" id="cat">
            <?php foreach($data['cat'] as $i => $item):?>
                <label class="custom-control custom-checkbox d-flex justify-content-between mb-2">
                    <div>
                        <input type="checkbox" value= 'php echo $item-&gt;cat_id ?&gt;' <iname="cat" id="cat-<?php echo $item->cat_id ?>"class="custom-control-input"> <?php echo $item->cat_name ?>
                    </div>
                    <span class="badge badge-pill badge-danger bg-primary"></span>
                </label>
            <?php endforeach ?>
        </div> <!-- card-body.-->
    </div>

```

```

</article> <!-- filter-group .// -->
<!-- #endregion -->

<!-- #region -->
<article class="filter-group">
    <header class="card-header">
        <a href="#" data-toggle="collapse" data-
target="#collapse_2" aria-expanded="true" class="">
            <i class="icon-control fa fa-chevron-down"></i>
            <h6 class="title">Brands </h6>
        </a>
    </header>
    <div class="filter-content collapse show" id="collapse_2" >
        <div class="card-body" id="brand">
            <?php foreach($data['brand'] as $i => $item):?>
                <label class="custom-control custom-checkbox d-
flex justify-content-between mb-2">
                    <div>
                        <input type="checkbox" value='<?php echo $item-
>brand_id ?>' name="brand" id="brand-<?php echo $item->brand_id ?>" class="custom-
control-input"> <?php echo $item->brand_name ?>
                    </div>
                    <span class="badge badge-pill badge-danger bg-
primary"></span>
                </label>
            <?php endforeach ?>
        </div> <!-- card-body.-->
    </div>
</article> <!-- filter-group .// -->
<!-- #endregion -->

<article class="filter-group">
    <header class="card-header">
        <a href="#" data-toggle="collapse" data-
target="#collapse_2" aria-expanded="true" class="">
            <i class="icon-control fa fa-chevron-down"></i>
            <h6 class="title">Colors </h6>
        </a>
    </header>
    <div class="filter-content collapse show" id="collapse_2" >

```

```

<div class="card-body" id="colors">
    <?php foreach($data['color'] as $i => $item):?>
        <label class"custom-control custom-checkbox d-
flex justify-content-between mb-2">
            <div>
                <input type="checkbox" value'<?php echo $item-
>color_id ?>' name="color" id="color-<?php echo $item->color_id ?>"class="custom-
control-input"> <?php echo $item->color_name ?>
            </div>
            <span class="badge badge-pill badge-danger bg-
primary"></span>
        </label>
    <?php endforeach ?>
</div> <!-- card-body.-->
</div>
</article> <!-- filter-group .-->

<article class="filter-group">
    <header class="card-header">
        <a href="#" data-toggle="collapse" data-
target="#collapse_3" aria-expanded"true" class="">
            <i class="icon-control fa fa-chevron-down"></i>
            <h6 class="title">Price range </h6>
        </a>
    </header>
    <div class="filter-content collapse show" id="collapse_3" >
        <div class="card-body">
            <input type="range" class="custom-
range" min="0" step="25" max="100" value="100" name="range" id="range">
            <span id='range-value'>$100</span>
        </div><!-- card-body.-->
    </div>
</article> <!-- filter-group .-->
</div> <!-- card.-->

</aside> <!-- col.-->
<main class="col-md-9">

    <header class="border-bottom mb-4 pb-3">
        <div class="form-inline">
            <p class="p-0">Number of items: <span id="item-count"></span></p>
            <div class=>mb-2">
                <div>

```

```
<p class="lead">Products per page: </p>
<div class="d-flex justify-content-start">
    6
    <a href="#" class="active-grid grid" data-offset="6">
        <span class="material-icons mx-1" >
            view_module
        </span>
    </a>
    12
    <a href="#" class="grid" data-offset="12">
        <span class="material-icons rotate-90 mx-1" >
            view_comfy
        </span>
    </a>
</div>
</div>
<select class="mr-2 form-select" id="select">
    <option value="">Select</option>
    <option value="newest">Latest items</option>
    <option value="nameAsc">Name A-Z</option>
    <option value="nameDesc">Name Z-A</option>
    <option value="priceDesc">Most Expensive</option>
    <option value="priceAsc">Least Expensive</option>
</select>
</div>
</header><!-- sect-heading -->

<div class="row" id="products">
</div> <!-- row end.// -->

<nav aria-label="...">
    <ul class="pagination" id="pagination">
        </ul>
</nav>

</main> <!-- col.// -->

</div>
</div> <!-- container .// -->
</section>
```

```
<! -  
- ===== SECTION CONTENT END// ===== -->  
  
<?php  
require_once "views/footer.php";  
?>
```

3.1.21 nav.php

```
<?php  
    if(!isset($_SESSION))  
    {  
        session_start();  
    }  
    try{  
        $nav = loadNav();  
    }  
    catch(PDOException $e) {  
        echo "Could not load the nav: " . $e->getMessage();  
    }  
    // display($_SESSION['loggedUser']);  
  
?>  
<nav class="navbar navbar-expand-sm navbar-light bg-light">  
    <div class="container-fluid">  
        <a class="navbar-brand" href="index.php"><?php echo WEBISTE?></a>  
        <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">  
            <span class="navbar-toggler-icon"></span>  
        </button>  
        <div class="collapse navbar-collapse" id="navbarSupportedContent">  
            <ul class="navbar-nav mx-auto mb-2 mb-lg-0">
```

```

<?php foreach($nav as $i => $link): ?>

    <?php if((!isset($_SESSION['loggedUser'])) || $_SESSION['loggedUser']
]->user_type != 'customer' && $link->name == "cart") {
        continue;
    }?>
    <?php if((isset($_SESSION['loggedUser'])) && $_SESSION['loggedUser']
->user_type == 'admin') && $link->name == "contact") {
        continue;
    }?>
    <li class="nav-item">
        <a class="nav-
link <?php echo strpos($_SERVER['PHP_SELF'], $link->name.'.php') ? "active text-
primary" : "" ?>" aria-current="page" href="<?php echo $link-
>name?.php"><?php echo $link->name == 'index' ? "Home" : ucfirst($link-
>name) ?></a>
        </li>
    <?php endforeach; ?>

</ul>

<ul class="navbar-nav mb-2 mb-lg-0 d-flex justify-content-
end" id="navUser">
    <?php if(isset($_SESSION['loggedUser'])) { ?>

        <?php if($_SESSION['loggedUser']->user_type == 'admin') {?>
            <li class="nav-item">
                <a class="nav-
link <?php echo strpos($_SERVER['PHP_SELF'], 'admin') ? "active text-
primary" : "" ?>" href="<?= 'admin.php'?>">
                    <span class="material-icons">
                        account_circle
                    </span>
                </a>
            </li>
        <?php } elseif($_SESSION['loggedUser']-
>user_type == 'customer') { ?>
            <li class="nav-item">
                <a class="nav-link rounded-
circle" href="cart.php" tabindex="-1" aria-disabled="true">
                    <span class="material-icons">
                        shopping_cart
                    </span>
                    <span class='badge' id='customer-cart-quantity'></span>
            </li>
        <?php } ?>
    <?php endif(); ?>
</ul>

```

```

                </a>
            </li>
            <li class="nav-item">
                <a class="nav-
link <?php echo strpos($_SERVER['PHP_SELF'], 'customer') ? "active text-
primary" : "" ?>" href="<?= 'customer.php' ?>">
                    <span class="material-icons">
                        account_circle
                    </span>
                </a>
            </li>
            <?php } ?>
            <li class="nav-item">
                <a class="nav-link" id="user-
logout" href="<?php echo "models/logout.php" ?>">Logout</a>
            </li>

            <?php } else { ?>
            <li class="nav-item">
                <a class="nav-
link <?php echo strpos($_SERVER['PHP_SELF'], 'login.php') ? "active text-
primary" : "" ?>" href="<?= 'login.php' ?>">Login</a>
            </li>
            <li class="nav-item">
                <a class="nav-
link <?php echo strpos($_SERVER['PHP_SELF'], 'register.php') ? "active text-
primary" : "" ?>" href="<?= 'register.php' ?>">Register</a>
            </li>
            <?php } ?>

        </ul>

        <?php if(isset($_SESSION['loggedUser']) && $_SESSION['loggedUser']->user_type == "customer"): ?>
            <input type="hidden" name="customer-id" id="customer-
id" value="<?php echo $_SESSION['loggedUser']->user_id ?>">
            <input type="hidden" name="customer-type" id="customer-
type" value="<?php echo $_SESSION['loggedUser']->user_type ?>">
            <?php if(isset($_SESSION['cart'])): ?>
                <?php foreach($_SESSION['cart'] as $i => $prod): ?>

                    <input type="hidden" class="prod_id" name="prod-cart-
<?php echo $i?>" id="session-cart-<?php echo $i?>" value="<?php echo $prod-
>prod_id ?>">

```

```

        <input type="hidden" class="prod_quantity" name="quantity-cart-
<?php echo $i?>" id="session-cart-<?php echo $i?>" value="<?php echo $prod-
>quantity ?>">

        <?php endforeach; ?>
        <?php endif; ?>

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

3.1.22 head.php

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link href="https://fonts.googleapis.com/icon?family=Material+Icons" rel="stylesheet">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-
beta2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-
BmbxuPwQa2lc/FVzBcNJ7UAyJxM6wuqIj61tLrc4wSX0szH/Ev+nYRRuWlolflf1" crossorigin="an
onymous">
    <link rel="stylesheet" href="assets/css/style.css">
    <link rel="shortcut icon" href="favicon.png" type="image/x-icon">
    <meta name="description" content="">
    <meta name="keywords" content="mshirts, shop, shirts, buy">
    <title>MShirts | All the shirts you'll ever need</title>
    <script defer src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-
beta2/dist/js/bootstrap.bundle.min.js" integrity="sha384-
b5kHyXgcpbZJ0/tY9U17kGkf1S0CWuKcCD38l8YkeH8z8QjE0GmW1gYU5S9FOnJ0" crossorigin="an
onymous"></script>
    <script defer src="assets/js/main.js" ></script>
</head>
<body>
```

3.1.23 footer.php

```
<?php
    try{
        $nav = loadNav();
    }
    catch(PDOException $e) {
        echo "Could not load the nav: " . $e->getMessage();
    }

?>
</div>

<footer class="bg-secondary text-white text-center text-lg-start mt-5">
    <!-- Grid container -->
    <div class="container p-4">
        <!--Grid row-->
        <div class="row">
            <!--Grid column-->
            <div class="col-lg-6 col-md-12 mb-4 mb-md-0">
                <h5 class="text-uppercase">Footer Content</h5>

                <p class="lead">
                    Here is the footer navigation and all the useful links
                </p>
            </div>
            <!--Grid column-->

            <!--Grid column-->
            <div class="col-lg-3 col-md-6 mb-4 mb-md-0">
                <h5 class="text-uppercase">Navigation</h5>

                <ul class="navbar-nav mx-auto mb-2 mb-lg-0 ">

                    <?php foreach($nav as $i => $link): ?>
                    <li class="nav-item">
                        <a class="nav-link text-white" href="<?php echo $link->name?>.php"><?php echo $link->name == 'index' ? "Home" : ucfirst($link->name) ?></a>
                    </li>
                
```

```
<?php endforeach; ?>

        </ul>
    </div>
    <!--Grid column-->

    <!--Grid column-->
    <div class="col-lg-3 col-md-6 mb-4 mb-md-0">
        <h5 class="text-uppercase mb-0">Useful</h5>

        <ul class="list-unstyled">
            <li>
                <a href="docs.pdf" target="_blank" class="text-white">Docs</a>
            </li>
            <li>
                <a href="https://www.linkedin.com/" target="_blank" class="text-white">LinkedIn</a>
            </li>
            <li>
                <a href="https://github.com/" target="_blank" class="text-white">Github</a>
            </li>
            <li>
                <a href="https://pavle-say-what-one-mo-time.lzivadinovic.com/" target="_blank" class="text-white">Portfolio</a>
            </li>
        </ul>
    </div>
    <!--Grid column-->
    </div>
    <!--Grid row-->
</div>
<!-- Grid container -->

<!-- Copyright -->
<div class="text-center p-3" style="background-color: rgba(0, 0, 0, 0.2);">
    <p id="footer-copyright" class="lead">Made by Kibonga</p>
</div>
<!-- Copyright -->
</footer>
<script defer src="assets/js/jquery.min.js" ></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta3/dist/js/bootstrap.bundle.min.js" integrity="sha384-"
```

```
JEW9xMcG8R+pH31jmWH6WWP0WintQrMb4s7Z0dauHnUtxwoG2vI5DkLtS3qm9Ekf" crossorigin="anonymous"></script>
</body>
</html>
```

3.1.24 models/admin-model.php

```
<?php

if(!isset($_SESSION))
{
    session_start();
}
// require_once "config/connection.php";
require_once 'functions.php';

function getAllUsers($perPageNum, $pageNum) {

    global $conn;

    $start = ($pageNum-1) * $perPageNum;

    $query = ("SELECT * FROM users WHERE id_user_type <> 1 ORDER BY id ASC LIMIT
$start, $perPageNum");
    $users = queryString($query);
    $query = ("SELECT COUNT(*) as amount FROM users WHERE id_user_type <> 1");
    $amount = queryString($query);

    $resp = array(
        "users" => $users,
        "amount" => $amount,
        "page" => $pageNum
    );

    return $resp;
}
```

```

function getAllProducts($perPageNum, $pageNum) {

    $start = ($pageNum-1) * $perPageNum;
    // $end = $start + $perPageNum;

    $query = ("SELECT p.prod_id as id, p.prod_name as name, p.price, p.date, c.cat_name as cat, b.brand_name as brand, col.color_name as color, i.path_thumb as img_thumb, i.path_normal as img_normal FROM products p INNER JOIN brands b ON p.brand_id = b.brand_id INNER JOIN categories c ON p.cat_id = c.cat_id INNER JOIN colors col ON p.color_id = col.color_id INNER JOIN image i ON p.img_id = i.img_id WHERE active = 1 ORDER BY p.prod_id ASC LIMIT $start, $perPageNum");
    $products = queryString($query);
    $query = ("SELECT COUNT(*) as amount FROM products WHERE active = 1");
    $amount = queryString($query);

    $resp = array(
        "products" => $products,
        "amount" => $amount,
        "page" => $pageNum
    );

    return $resp;
}

function getAllOrders($perPageNum, $pageNum) {

    $start = ($pageNum-1) * $perPageNum;

    $query = ("SELECT DISTINCT order_id FROM order_details ORDER BY order_id ASC LIMIT $start, $perPageNum");
    $ID = queryString($query);
    // display($ID);

    $in = "(";
    foreach($ID as $i => $id) {
        $in = $in."$id->order_id,";
    }
}

```

```

        $in = substr($in, 0, -1);
        $in .= $in .")";

        // display($in);

        $query = ("SELECT o.order_id, u.id as user_id, u.username as customer, p.prod_id, p.prod_name, c.cat_name as cat, b.brand_name as brand, col.color_name as color, i.path_thumb as img_thumb, i.path_normal as img_normal, od.quantity, p.price as prod_price, od.total_price, o.order_date FROM products p INNER JOIN order_details od ON p.prod_id = od.prod_id INNER JOIN orders o ON o.order_id = od.order_id INNER JOIN users u ON o.user_id = u.id INNER JOIN brands b ON p.brand_id = b.brand_id INNER JOIN categories c ON p.cat_id = c.cat_id INNER JOIN image i ON p.img_id = i.img_id INNER JOIN colors col ON col.color_id = p.color_id WHERE o.order_id IN $in ORDER BY o.order_id");
        $orders = queryString($query);
        $query = ("SELECT COUNT(*) as amount FROM orders");
        $amount = queryString($query);
        // $query = ("SELECT DISTINCT order_id FROM orders");
        // $distinctOrders = queryString($query);

        $resp = array(
            "orders" => $orders,
            "amount" => $amount,
            "page" => $pageNum,
            "dist" => $ID
        );

        return $resp;
    }

    function getAllFilters() {
        global $conn;

        $res = array();
        $query = ("SELECT * FROM categories");
        $cats = queryString($query);

        $query = ("SELECT * FROM brands");
        $brands = queryString($query);

        $query = ("SELECT * FROM colors");

```

```

$colors = queryString($query);

$res[] = $cats;
$res[] = $brands;
$res[] = $colors;

return $res;

}

function getAllMessages($perPageNum, $pageNum) {
    global $conn;

$start = ($pageNum-1) * $perPageNum;

$query = ("SELECT * FROM messages LIMIT $start, $perPageNum");
/messages = queryString($query);
$query = ("SELECT COUNT(*) as amount FROM messages");
$amount = queryString($query);

$resp = array(
    "messages" => $messages,
    "amount" => $amount,
    "page" => $pageNum
);

return $resp;

}

function adminRemoveUser($user_id) {
    global $conn;
    if(!empty($user_id) && isset($user_id)) {

        $query = $conn->prepare("SELECT * FROM users WHERE id = :id");
        $query->bindParam(":id", $user_id);

        $query->execute();
        if($query->rowCount() > 0) {
            $query = $conn->prepare("DELETE FROM orders WHERE user_id = :id");
            $query->bindParam(":id", $user_id);
        }
    }
}

```

```

$res = $query->execute();

$query = $conn->prepare("DELETE FROM cart WHERE user_id = :id");
$query->bindParam(":id", $user_id);

$res = $query->execute();

$query = $conn->prepare("DELETE FROM users WHERE id = :id");
$query->bindParam(":id", $user_id);
$res = $query->execute();
if($res) {
    return "Success";
}
else {
    echo json_encode("Failed to delete user", JSON_FORCE_OBJECT);
    http_response_code(500);
}
}

else {
    echo json_encode("Could not find that user", JSON_FORCE_OBJECT);
    http_response_code(500);
}
}

else {
    echo json_encode("Invalid user id passed", JSON_FORCE_OBJECT);
    http_response_code(404);
}

}

function adminRemoveOrder($user_id, $order_id) {

    if((!empty($user_id) && isset($user_id)) && (!empty($order_id) && isset($order_id))) {
        global $conn;

        $query = $conn->prepare("DELETE FROM orders WHERE order_id = :order_id");
        $query->bindParam(":order_id", $order_id);

        $res = $query->execute();
        if($res) {

```

```

        return "Success";
    }
    else {
        echo json_encode("Failed to delete order", JSON_FORCE_OBJECT);
        http_response_code(500);
    }

}

else {
    echo json_encode("Could not find that order", JSON_FORCE_OBJECT);
    http_response_code(404);
}

}

function adminRemoveMessage($msg_id) {

if(!empty($msg_id) && isset($msg_id)) {

    global $conn;

$query = $conn->prepare("DELETE FROM messages WHERE msg_id = :msg_id");
$query->bindParam(":msg_id", $msg_id);

$res = $query->execute();
if($res) {
    return "Success";
}
else {
    echo json_encode("Could not delete message", JSON_FORCE_OBJECT);
    http_response_code(500);
}

}
else {
    echo json_encode("Invalid message ID", JSON_FORCE_OBJECT);
    http_response_code(404);
}

}

function adminRemoveProduct($prod_id) {

```

```

if(!empty($prod_id) && isset($prod_id)) {

    global $conn;

    $query = $conn-
>prepare("SELECT * FROM products WHERE prod_id = :prod_id AND active = 1");
    $query->bindParam(":prod_id", $prod_id);

    $resp = $query->execute();

    if($resp) {
        $query = $conn-
>prepare("UPDATE products SET active = 0 WHERE prod_id = :prod_id");
        $query->bindParam(":prod_id", $prod_id);

        $res = $query->execute();
        if($res) {
            return "Success";
        }else {
            echo json_encode("Could not delete product", JSON_FORCE_OBJECT);
            http_response_code(500);
        }
    }
    else {
        echo json_encode("There is no such product", JSON_FORCE_OBJECT);
        http_response_code(404);
    }
}

else {
    echo json_encode("Invalid product ID", JSON_FORCE_OBJECT);
    http_response_code(404);
}
}

function adminPollResults($poll_id) {

    global $conn;

    $query = $conn-
>prepare("SELECT u.username, pc.choice_text as answer FROM polls p INNER JOIN pol
l_choices pc ON p.poll_id = pc.poll_id INNER JOIN poll_answers pa ON pa.choice_id

```

```

= pc.choice_id INNER JOIN users u ON u.id = pa.user_id WHERE p.poll_id = :poll_id");
$query->bindParam(":poll_id", $poll_id);
$query->execute();

$res['users'] = $query->fetchAll(PDO::FETCH_OBJ);
// display($res);

$query = $conn-
>prepare("SELECT choice_id FROM poll_choices WHERE poll_id = :poll_id");
$query->bindParam(":poll_id", $poll_id);
$query->execute();
$choices = $query->fetchAll(PDO::FETCH_OBJ);

$choice_count = array();
foreach($choices as $i => $choice_id) {
    // display($choice_id->choice_id);
    $id = $choice_id->choice_id;
    $query = $conn-
>prepare("SELECT COUNT(*) FROM poll_answers WHERE choice_id = :id");
    $query->bindParam(":id", $id);
    $query->execute();
    $num = $query->fetch()[0];
    $choice_count[] = $num;

}
// display($choice_count);
$res['results'] = $choice_count;
// $choice_count;

$query = $conn-
>prepare("SELECT choice_text as text, choice_id as id FROM poll_choices WHERE poll_id = :poll_id");
$query->bindParam(":poll_id", $poll_id);
$query->execute();
$answers = $query->fetchAll(PDO::FETCH_OBJ);
$res["answers"] = $answers;

$query = $conn-
>prepare("SELECT question FROM polls WHERE poll_id = :poll_id");
$query->bindParam(":poll_id", $poll_id);
$query->execute();
$question = $query->fetch()[0];
$res['question'] = $question;

```

```

    // display($choice_count);
    // display($answers);

    return $res;

}

```

3.1.25 models/customer-model.php

```

<?php

if(!isset($_SESSION))
{
    session_start();
}

require_once "../config/connection.php";
require_once 'functions.php';

function getAllOrdersID($user_id, $perPageNum, $pageNum) {

    if((!empty($user_id) && isset($user_id))) {

        global $conn;
        $start = ($pageNum-1) * $perPageNum;

        $query = ("SELECT DISTINCT od.order_id FROM order_details od INNER JOIN orders o ON od.order_id = o.order_id WHERE o.user_id = $user_id ORDER BY order_id ASC LIMIT $start, $perPageNum");
        $ID = queryString($query);

        $orders = null;
        $amount = 0;
        if(!empty($ID)) {
            $in = "(";
            foreach($ID as $i => $id) {
                $in = $in."$id->order_id,";
            }
            $in = substr($in, 0, -1);
            $in = $in .")";
        }
    }
}

```

```

        $query = $conn-
>prepare("SELECT o.order_id, u.id as user_id, u.username as customer, p.prod_id,
p.prod_name, c.cat_name as cat, b.brand_name as brand, col.color_name as color,
i.path_thumb as img_thumb, i.path_normal as img_normal, od.quantity, p.price as prod_price,
od.total_price, o.order_date FROM products p INNER JOIN order_details
od ON p.prod_id = od.prod_id INNER JOIN orders o ON o.order_id = od.order_id INNER
JOIN users u ON o.user_id = u.id INNER JOIN brands b ON p.brand_id = b.brand_id
INNER JOIN categories c ON p.cat_id = c.cat_id INNER JOIN image i ON p.img_id =
i.img_id INNER JOIN colors col ON col.color_id = p.color_id WHERE o.user_id = :user_id
AND o.order_id IN $in ORDER BY o.order_id ASC");
        $query->bindParam(":user_id", $user_id);
        $query->execute();
        if($query->rowCount() > 0) {
            $orders = $query->fetchAll(PDO::FETCH_OBJ);
            // display($orders);
            $query = ("SELECT COUNT(*) as amount FROM orders WHERE user_id =
$user_id");
            $amount = queryString($query);
        }
    }

    // $query = ("SELECT DISTINCT order_id FROM orders WHERE user_id = $user_
id");
    // $distinctOrders = queryString($query);

    $resp = array(
        "orders" => $orders,
        "amount" => $amount,
        "page" => $pageNum,
        "dist" => $ID
    );

    return $resp;
}
else {
    echo json_encode("Invalid user id passed", JSON_FORCE_OBJECT);
    http_response_code(404);
}

}

function getAllMessagesID($user_id, $perPageNum, $pageNum) {
    global $conn;

```

```

if((!empty($user_id) && isset($user_id))) {
    $start = ($pageNum-1) * $perPageNum;

    $query = $conn->prepare("SELECT email FROM users WHERE id = :user_id");
    $query->bindParam("user_id", $user_id);
    $query->execute();
    if($query->rowCount() > 0) {
        $email = $query->fetchAll(PDO::FETCH_OBJ);
        $email = $email[0]->email;
        // display($email);
        // display($email[0]->email);
        $query = $conn-
>prepare("SELECT * FROM messages WHERE email = :email ORDER BY msg_id ASC LIMIT $start, $perPageNum");
        $query->bindParam(":email", $email);
        $query->execute();
        $messages = $query->fetchAll(PDO::FETCH_OBJ);
        // display($messages);

        $query = $conn-
>prepare("SELECT COUNT(*) as amount FROM messages WHERE email = :email");
        $query->bindParam(":email", $email);
        $query->execute();
        if($query->rowCount() > 0) {
            $amount = $query->fetchAll(PDO::FETCH_OBJ);
        }
        else {
            $amount = 0;
        }

        // display("amount: ");
        // display($amount);

        return array(
            "messages" => $messages,
            "amount" => $amount,
            "page" => $perPageNum
        );
    }
    else {
        echo json_encode("Could not find messages for that user", JSON_FORCE_OBJECT);
        http_response_code(500);
    }
}

```

```

        }
    }else {
        echo json_encode("Invalid user id passed", JSON_FORCE_OBJECT);
        http_response_code(404);
    }
}

```

3.1.26 models/functions.php

```

<?php

function display($content) {

    echo "<pre>";
    print_r($content);
    echo "</pre>";

}

function selectAll($table) {
    global $conn;
    $query = $conn->query("SELECT * FROM $table ORDER BY id ASC");
    return $query->fetchAll(PDO::FETCH_OBJ);
}

function selectIN($table, $column, $arr) {
    global $conn;
    $query = $conn-
>query("SELECT * FROM $table WHERE $column IN $arr ORDER BY $column ASC");
    return $query->fetchAll(PDO::FETCH_OBJ);
}

function selectAllID($table, $id) {
    global $conn;
    $query = $conn->query("SELECT * FROM $table ORDER BY $id ASC");

    return $query->fetchAll(PDO::FETCH_OBJ);
}

```

```

function queryString($query) {
    global $conn;
    $query = $conn->query($query);
    return $query->fetchAll(PDO::FETCH_OBJ);
}

// function prepareQueryID($query, $id) {
//     global $conn;
//     // display($query);
//     // display($id);
//     $query = $conn->prepare($query);
//     $query->bindParam(1, $id);
//     // display($query);
//     return $query->fetchAll(PDO::FETCH_OBJ);
// }

function loadNav() {
    $nav = selectAll('navbar');
    return $nav;
}

function active($current_page){
    $url_array = explode('/', $_SERVER['REQUEST_URI']) ;
    $url = end($url_array);
    if($current_page == $url){
        echo 'active';
    }
}

```

3.1.27 models/getDataAjax.php

```

<?php
    // require_once "../config/connection.php";
    require_once "functions.php";
    require_once "shop-model.php";
    require_once "admin-model.php";
    require_once "customer-model.php";
    require_once "logout-model.php";
    require_once "login-model.php";

```

```

require_once "register-model.php";
require_once "orders-model.php";
require_once "message-model.php";
require_once "polls-model.php";

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

    $data = file_get_contents("php://input");
    $data = json_decode($data, true);

    switch($data['method']) {
        case "getAllProductsShop" : {
            $resp = getAllProductsShop($data['params']['perPageNum'], $data['params']['pageNum']);
        }
        break;
        case "getFilteredProducts" : {
            $resp = getFilteredProducts($data['params']);
        }
        break;
        case "getAllUsers" : {
            // display($data);
            $resp = getAllUsers($data['params']['perPageNum'], $data['params']['pageNum']);
        }
        break;
        case "getAllProducts" : {
            $resp = getAllProducts($data['params']['perPageNum'], $data['params']['pageNum']);
        }
        break;
        case "getAllOrders" : {
            $resp = getAllOrders($data['params']['perPageNum'], $data['params']['pageNum']);
        }
        break;
        case "getProductID" : {
            $resp = getProductID($data['params']['prodID']);
        }
        break;
        case "getAllOrdersID" : {
            $resp = getAllOrdersID($data['params']['user_id'], $data['params']['perPageNum'], $data['params']['pageNum']);
        }
    }
}

```

```

        break;
    case "logoutCustomer" : {
        // display($data['params']['user_id']);
        // display($data['params']['cart']);
        if(isset($data['params']['cart'])) {
            $resp = logoutCustomer($data['params']['user_id'], $data['params']['cart']);
        } else {
            $resp = logoutCustomer($data['params']['user_id']);
        }
    }
    break;
    case "selectProductsID" : {
        // display($data['params']['prodsID']);
        // display($data['params']['user_id']);
        // display($data['params']['cart']);
        $resp = selectProductsID($data['params']['prodsID']);
    }
    break;
    case "loginUser" : {
        $resp = loginUser($data['params']['usernameEmail'], $data['params']['password']);
    }
    break;
    case "registerUser" : {
        // display($data);
        $resp = registerUser($data['params']['username'], $data['params']['fname'],
        $data['params']['lname'], $data['params']['address'], $data['params']['email'],
        $data['params']['password1'], $data['params']['password2'],);
    }
    break;
    case "insertOrders" : {
        // display($data);
        $resp = insertOrders($data['params']['orders'], $data['params']['userID']);
    }
    break;
    case "insertMessage" : {
        // display($data);
        $resp = insertMessage($data['params']['fname'], $data['params']['lname'],
        $data['params']['email'], $data['params']['subject'], $data['params']['message']);
        // $resp = insertOrders($data['params']['orders'], $data['params']['userID']);
    }

```

```

    }
    break;
    case "getAllMessages" : {
        // display($data);
        $resp = getAllMessages($data['params']['perPageNum'], $data['params']
['pageNum']);
        // $resp = insertOrders($data['params']['orders'], $data['params'][ 'u
serID']);
    }
    break;
    case "getAllMessagesID" : {
        // display($data);
        $resp = getAllMessagesID($data['params']['user_id'], $data['params'][ 'perPageNum'],
        $data['params']['pageNum']);
        // $resp = insertOrders($data['params']['orders'], $data['params'][ 'u
serID']);
    }
    break;
    case "adminRemoveUser" : {
        // display($data);
        $resp = adminRemoveUser($data['params']['userID']);
        // $resp = insertOrders($data['params']['orders'], $data['params'][ 'u
serID']);
    }
    break;
    case "adminRemoveOrder" : {
        // display($data);
        $resp = adminRemoveOrder($data['params']['user_id'], $data['params'][ 'order_id']);
        // $resp = insertOrders($data['params']['orders'], $data['params'][ 'u
serID']);
    }
    break;
    case "adminRemoveMessage" : {
        // display($data);
        $resp = adminRemoveMessage($data['params']['msg_id']);
        // $resp = insertOrders($data['params']['orders'], $data['params'][ 'u
serID']);
    }
    break;
    case "adminRemoveProduct" : {
        // display($data);
        $resp = adminRemoveProduct($data['params']['prod_id']);
        // $resp = insertOrders($data['params']['orders'], $data['params'][ 'u
serID']);
    }
}

```

```
        }
        break;
    case "selectPollID" :
        // display($data);
        $resp = selectPollID($data['params']['poll_id'], $data['params']['use
r_id']);
        // $resp = insertOrders($data['params']['orders'], $data['params']['u
serID']);
    }
    break;
    case "insertPollAnswer" :
        // display($data);
        $resp = insertPollAnswer($data['params']['choice_id'], $data['params'
]['user_id']);
        // $resp = insertOrders($data['params']['orders'], $data['params']['u
serID']);
    }
    break;
    case "getAllFilters" :
        // display("YO WE IN");
        $resp = getAllFilters();
        // $resp = insertOrders($data['params']['orders'], $data['params']['u
serID']);
    }
    break;
}

// $resp = "RESPONSE!!!";
if($resp) {
    echo json_encode($resp, JSON_FORCE_OBJECT);
}

// if(isset($data)) {

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

```
}
```

3.1.28 models/login-model.php

```
<?php
if(!isset($_SESSION))
{
    session_start();
}
function loginUser($usernameEmail, $password) {

    global $conn;

    $res = array();
    $errors = false;
    $regName = "/^[\w{2,25}]/";
    $regEmail = "/^[\w+([-.\w+])*\@[\w+([-.\w+])*\.\w+([-.\w+])*$/";
    $regPass = "/^(?=.*[A-Za-z])(?=.*\d)(?=.*[@$!%*#?&])[A-Za-
z\d@$!%*#?&]{8,}$/";

    if(empty($usernameEmail)) {
        $_SESSION['usernameEmailError'] = "This field cannot be empty";
        $errors = true;
    }
    else if(!preg_match($regName, $usernameEmail) && !preg_match($regEmail, $user
nameEmail)) {
        $_SESSION['usernameEmailError'] = "Username or email is not valid";
        $errors = true;
    }else {
        $_SESSION['usernameEmail'] = $usernameEmail;
    }

    if(empty($password)) {
        $_SESSION['passwordError'] = "This field cannot be empty";
        $errors = true;
    }else if(!preg_match($regPass, $password)) {
        $_SESSION['passwordError'] = "Password must contain at least one uppercase and symbol and be min 8 characters";
        $errors = true;
    }
}
```

```

}else {
    $_SESSION['password'] = $password;
}

if($errors) {
    return "Errors";
}
else {

    $usernameEmail = addslashes($usernameEmail);
    $password = addslashes($password);

    // display($conn);
    $query = $conn-
>prepare("SELECT u.id as user_id, u.username, u.first_name, u.last_name, u.email,
    u.password, u.date_created, u.id_user_type, ut.id as id_user_type, ut.type as us
er_type FROM users u JOIN users_types ut ON u.id_user_type = ut.id WHERE (u.us
ername = :usernameEmail OR u.email = :usernameEmail) AND u.password = :password");
    $query->bindParam(":usernameEmail", $usernameEmail);
    $query->bindParam(":password", $password);

    $query->execute();
    $rows = $query->rowCount();
    if($rows == 1) {
        $loggedUser = $query->fetch(PDO::FETCH_OBJ);

        $_SESSION['loggedUser'] = $loggedUser;
        $res['user_id'] = $loggedUser->user_id;

        // display($loggedUser);

        $query = "SELECT * FROM cart WHERE user_id = $loggedUser->user_id";
        $query = $conn->query($query);

        $resp = $query->rowCount();
        // display($res);
        if($resp > 0) {
            // $res['cart'] = $query->fetchAll(PDO::FETCH_OBJ);
            $query = "SELECT p.prod_id, p.prod_name as name, b.brand_name as
brand, c.cat_name as cat, col.color_name as color, i.path_thumb as img, p.price,
ca.quantity, ca.quantity * p.price as totalPrice FROM products p INNER JOIN brand
s b ON p.brand_id = b.brand_id INNER JOIN categories c ON p.cat_id = c.cat_id INN
ER JOIN colors col ON p.color_id = col.color_id INNER JOIN image i ON p.img_id =

```

```

        i.img_id INNER JOIN cart ca ON ca.prod_id = p.prod_id WHERE ca.prod_id = p.prod_id AND ca.user_id = $loggedUser->user_id";
        $cart = queryString($query);
        $res['cart'] = $cart;

        // display($cart);

        // $_SESSION['cart'] = $res['cart'];
        return $res;
    }
    return $res;

}
else {
    $msg = [];
    $_SESSION['errorLogin'] = "Username or password is wrong";
    return $msg['errorLogin'] = "Username or passworrd is wrong AJAX";
}

}
}

```

3.1.29 models/logout-model.php

```

<?php
if(!isset($_SESSION))
{
    session_start();
}
// require_once "../config/connection.php";
require_once 'functions.php';

function logoutCustomer($user_id, $prods = null) {
    global $conn;

    $res = array();
    // display(count($prods));
    if(!empty($prods) && isset($prods) && count($prods)) {

```

```

$query = $conn->prepare("SELECT * FROM cart WHERE user_id = :user_id");
$query->bindParam(":user_id", $user_id);
$query->execute();

if($query->rowCount() > 0) {
    $query = $conn->prepare("DELETE FROM cart WHERE user_id = :user_id");
    $query->bindParam(":user_id", $user_id);
    $query->execute();
} else {
    echo json_encode("Failed to delete products from cart", JSON_FORCE_OBJECT);
    http_response_code(500);
}

foreach($prods as $i => $prod) {
    $query = $conn->prepare("INSERT INTO cart (user_id, prod_id, quantity) VALUES(:user_id, :prod_id, :quantity)");
    $query->bindParam(":user_id", $user_id);
    $query->bindParam(":prod_id", $prod['prod_id']);
    $query->bindParam(":quantity", $prod['quantity']);
    $res[] = $query->execute();
}

session_destroy();
$resp = array("msg" => "Logged out");
foreach($res as $i => $val) {
    if($val != 1) {
        echo json_encode("Failed to insert products into cart", JSON_FORCE_OBJECT);
        http_response_code(500);
    }
}

return $resp;
}

```

3.1.30 models/message-model.php

```
<?php
if(!isset($_SESSION))
{
    session_start();
}
// require_once "../config/connection.php";
require_once 'functions.php';

function insertMessage($fname, $lname, $email, $subject, $message) {

    $errors = false;
    $regName = "/^[\w{2,25}]$/";
    $regEmail = "/^[\w+([-+.'])\w+]@[\w+([-.\w+])*\.\w+([-.\w+])*$/";
    $regSubject = "/(^[\w]((\w+)|(\w*))*$)|(^\w$)/";
    // $regMessage = "/^[\wA-ZĐŽĆĆa-zđžćć0-9][\wĐĆĆžđžćć0-9]/\s\.,?]+$/";

    if(empty($fname)) {
        $_SESSION['fnameCon'] = "This field cannot be empty";
        $errors = true;
    }
    else if(!preg_match($regName, $fname)) {
        $_SESSION['fnameCon'] = "First name is not valid";
        $errors = true;
    }else {
        $_SESSION['fnameCon'] = $fname;
    }

    if(empty($lname)) {
        $_SESSION['lnameCon'] = "This field cannot be empty";
        $errors = true;
    }
    else if(!preg_match($regName, $lname)) {
        $_SESSION['lnameCon'] = "Last name is not valid";
        $errors = true;
    }else {
        $_SESSION['lnameCon'] = $lname;
    }

    if(empty($email)) {
        $_SESSION['lnameCon'] = "This field cannot be empty";
        $errors = true;
    }
}
```

```

}

else if(!preg_match($regEmail, $email)) {
    $_SESSION['emailCon'] = "Email is not valid";
    $errors = true;
} else {
    $_SESSION['emailCon'] = $email;
}

if(empty($subject)) {
    $_SESSION['subjectCon'] = "This field cannot be empty";
    $errors = true;
}
else if(!preg_match($regSubject, $subject)) {
    $_SESSION['subjectCon'] = "Subject is not valid";
    $errors = true;
} else {
    $_SESSION['subjectCon'] = $subject;
}

if(empty($message)) {
    $_SESSION['messageCon'] = "This field cannot be empty";
    $errors = true;
}
else {
    $_SESSION['messageCon'] = $message;
}
// else if(!preg_match($regMessage, $message)) {
//     $_SESSION['messageCon'] = "Message is not valid";
//     $errors = true;
// }

if($errors) {
    return "Errors";
} else {
    global $conn;
    $fname = addslashes($fname);
    $lname = addslashes($lname);
    $email = addslashes($email);

    $query = $conn-
>prepare("INSERT INTO messages (email, first_name, last_name, subject, message) V
ALUES(:email, :fname, :lname, :subject, :message)");

```

```

$query->bindParam(":fname", $fname);
$query->bindParam(":lname", $lname);
$query->bindParam(":email", $email);
$query->bindParam(":subject", $subject);
$query->bindParam(":message", $message);

$res = $query->execute();

if($res == 1) {
    return "Success";
}
else {
    echo json_encode("Failed to insert new message", JSON_FORCE_OBJECT);
    http_response_code(500);
    return "Failed";
}

}

}

```

3.1.31 models/orders-model.php

```

<?php

if(!isset($_SESSION))
{
    session_start();
}
// require_once "config/connection.php";
require_once 'functions.php';

function insertOrders($orders, $user_id) {

```

```

global $conn;

$res = array();
if(!empty($orders) && isset($orders) && !empty($user_id) && isset($user_id))
{

    $order_id = queryString("SELECT order_id from orders ORDER BY order_id DESC LIMIT 1");
    $order_id = $order_id[0]->order_id + 1;
    $query = $conn-
>prepare("INSERT INTO orders (order_id, user_id) VALUES(:order_id, :user_id)");
    $query->bindParam(":order_id", $order_id);
    $query->bindParam(":user_id", $user_id);
    $res = $query->execute();

    if($res) {
        foreach($orders as $i => $o) {
            $query = $conn-
>prepare("INSERT INTO order_details (order_id, prod_id, quantity, total_price) VA
LUES (:order_id, :prod_id, :quantity, :total_price)");
            $query->bindParam(":order_id", $order_id);
            $query->bindParam(":prod_id", $o['prod_id']);
            $query->bindParam(":quantity", $o['quantity']);
            $query->bindParam(":total_price", $o['totalPrice']);
            $res = $query->execute();

        }
        if($res) {
            $query = $conn-
>prepare("DELETE FROM cart WHERE user_id = :user_id");
            $query->bindParam(":user_id", $user_id);
            $res = $query->execute();
            return "Success";
        }else {
            echo json_encode("Failed to delete from cart", JSON_FORCE_OBJECT)
;
            http_response_code(500);
        }
    }else {
        echo json_encode("Failed to insert new order", JSON_FORCE_OBJECT);
        http_response_code(500);
    }
}

```

```

}else {
    echo json_encode("Invalid user id passed", JSON_FORCE_OBJECT);
    http_response_code(404);
}

}

```

3.1.32 models/polls-model.php

```

<?php

function selectPollID($poll_id, $user_id) {
    global $conn;

    $res = array();
    $query = $conn-
>prepare("SELECT question FROM polls WHERE poll_id = :poll_id");
    $query->bindParam(":poll_id", $poll_id);
    $query->execute();
    if($query->rowCount() > 0) {
        $question = $query->fetch(PDO::FETCH_OBJ);
        $res["question"] = $question;
        // display($question);

        $query = $conn-
>prepare("SELECT choice_text as text, choice_id as id  FROM poll_choices WHERE po
ll_id = :poll_id");
        $query->bindParam(":poll_id", $poll_id);
        $query->execute();
        if($query->rowCount() > 0) {
            $answers = $query->fetchAll(PDO::FETCH_OBJ);
            $res["answers"] = $answers;

            $query = $conn-
>prepare("SELECT count(*) from poll_answers WHERE user_id = :user_id");

```

```

$query->bindParam("user_id", $user_id);
$query->execute();
$voted = $query->fetch(PDO::FETCH_NUM);
// display($voted);

if($voted[0] > 0) {
    $res['voted'] = "1";
    $query = $conn-
>prepare("SELECT choice_id FROM poll_choices WHERE poll_id = :poll_id");
    $query->bindParam(":poll_id", $poll_id);
    $query->execute();
    $choices = $query->fetchAll(PDO::FETCH_OBJ);

    $choice_count = array();
    foreach($choices as $i => $choice_id) {
        // display($choice_id->choice_id);
        $id = $choice_id->choice_id;
        $query = $conn-
>prepare("SELECT COUNT(*) FROM poll_answers WHERE choice_id = :id");
        $query->bindParam(":id", $id);
        $query->execute();
        $num = $query->fetch()[0];
        $choice_count[] = $num;

    }
    // display($choice_count);
    $res['results'] = $choice_count;
}

}
else {
    $res['voted'] = "0";
    // display($res);
}

return $res;
}
else {
    // error
}

}
else {
    // error
}

```

```
    }

}

function insertPollAnswer($choice_id, $user_id) {
    global $conn;

    $query = $conn-
>prepare("SELECT COUNT(*) FROM poll_answers WHERE user_id = :user_id");
    $query->bindParam(":user_id", $user_id);
    $query->execute();

    // display($query);

    if($query) {
        $num = $query->fetch()[0];
        if(!$num) {
            $query = $conn-
>prepare("INSERT INTO poll_answers (choice_id, user_id) VALUES(:choice_id, :user_
id)");
            $query->bindParam(":user_id", $user_id);
            $query->bindParam(":choice_id", $choice_id);
            $res = $query->execute();

            if($res) {
                return "Success";
            }
            else {
                //failed to insert
            }
        }
        else {
            // already voted
        }
    }
    else {
        //error
    }
}
```

3.1.33 models/register-model.php

```
<?php
    if(!isset($_SESSION))
    {
        session_start();
    }

function registerUser($username, $fname, $lname, $address, $email, $password1, $password2) {

    $errors = false;
    $regUsername = "/^[\w{2,25}]/";
    $regName = "/^[\u0100-\u017f][\u0100-\u017f\u0100-\u017f\u0100-\u017f\u0100-\u017f]{2,15}/";
    $regEmail = "/^[\w+([-.\u0100-\u017f]\w+)*@\w+([-.\u0100-\u017f]\w+)*\.\w+([-.\u0100-\u017f]\w+)*$/";
    $regPass = "/^(?=.*[A-Za-z])(?=.*\d)(?=.*[@$!%*#?&])[A-Za-
z\d@$!%*#?&]{8,30}$/";
    $regAddress = "/^[\u0100-\u017f\u0100-\u017f\u0100-\u017f\u0100-\u017f]{2,50}$/";

    if(empty($username)) {
        $_SESSION['usernameRegisterError'] = "This field cannot be empty";
        $errors = true;
    }
    else if(!preg_match($regUsername, $username)) {
        $_SESSION['usernameRegisterError'] = "Username is not valid";
        $errors = true;
    }else {
        $_SESSION['usernameRegister'] = $username;
    }

    if(empty($fname)) {
        $_SESSION['fnameRegisterError'] = "First name cannot be empty";
        $errors = true;
    }
    else if(!preg_match($regName, $fname)) {
        $_SESSION['fnameRegisterError'] = "First name is not valid";
        $errors = true;
    }else {
        $_SESSION['fnameRegister'] = $fname;
    }

    if(empty($lname)) {
        $_SESSION['lnameRegisterError'] = "Last name cannot be empty";
    }
}
```

```

        $errors = true;
    }
    else if(!preg_match($regName, $lname)) {
        $_SESSION['lnameRegisterError'] = "Last name is not valid";
        $errors = true;
    }else {
        $_SESSION['lnameRegister'] = $lname;
    }

    if(empty($address)) {
        $_SESSION['addressRegisterError'] = "Address cannot be empty";
        $errors = true;
    }
    else if(!preg_match($regAddress, $address)) {
        $_SESSION['addressRegisterError'] = "Address is not valid";
        $errors = true;
    }else {
        $_SESSION['addressRegister'] = $address;
    }

    if(empty($password1)) {
        $_SESSION['passwordRegister1Error'] = "Password cannot be empty";
        $errors = true;
    }
    else if(!preg_match($regPass, $password1)) {
        $_SESSION['passwordRegister1Error'] = "Password is not valid";
        $errors = true;
    }else {
        $_SESSION['passwordRegister1'] = $password1;
    }

    if(empty($password2)) {
        $_SESSION['passwordRegister2Error'] = "Confirm password cannot be empty";
        $errors = true;
    }
    else if($password1 != $password2) {
        $_SESSION['passwordRegister2Error'] = "Passwords do not match";
        $errors = true;
    }else {
        $_SESSION['passwordRegister2'] = $password2;
    }
}

```

```
if($errors) {
    return "There were errors";
}
else {
    global $conn;

    $username = addslashes($username);
    $first_name = addslashes($fname);
    $last_name = addslashes($lname);
    $email = addslashes($email);
    $address = addslashes($address);
    $password = addslashes($password1);

    $query = $conn->
>prepare("SELECT * FROM users WHERE username = :username");
    $query->bindParam(":username", $username);
    $query->execute();
    $rows = $query->rowCount();
    if($rows) {
        $_SESSION['usernameRegisterError'] = "Username is already taken";
        $errors = true;
        return "Username is already taken";
    }
    $query->bindParam(":email", $email);
    $query = $conn->prepare("SELECT * FROM users WHERE email = :email");
    $query->bindParam(":email", $email);
    $query->execute();
    $rows = $query->rowCount();
    if($rows) {
        $_SESSION['emailRegisterError'] = "Email is already taken";
        $errors = true;
        return "Email is already taken";
    }

    if($errors) {
        return "Something went wrong";
    }
    else {
```

```

        $query = $conn-
>prepare("INSERT INTO users (username, first_name, last_name, email, password, ad-
dress, id_user_type) VALUES (:username, :first_name, :last_name, :email, :passwor-
d, :address, 2)");
        $query->bindParam(":username", $username);
        $query->bindParam(":first_name", $first_name);
        $query->bindParam(":last_name", $last_name);
        $query->bindParam(":email", $email);
        $query->bindParam(":password", $password);
        $query->bindParam(":address", $address);

$res = $query->execute();

if($res == 1) {
    $res = array();
    $query = $conn-
>prepare("SELECT u.id as user_id, u.username, u.first_name, u.last_name, u.email,
u.password, u.date_created, u.id_user_type, ut.id as id_user_type, ut.type as us-
er_type FROM users u JOIN users_types ut ON u.id_user_type = ut.id WHERE (u.us-
ername = :username OR u.email = :email) AND u.password = :password");
    $query->bindParam(":username", $username);
    $query->bindParam(":email", $email);
    $query->bindParam(":password", $password);

$query->execute();

$loggedUser = $query->fetch(PDO::FETCH_OBJ);
$_SESSION['loggedUser'] = $loggedUser;
// $id = queryString("SELECT id FROM users ORDER BY id DESC LIMIT
1");
// display($id);

// $res['loggedUser'] = $loggedUser;
$res['user_id'] = $loggedUser->user_id;
return $res;
}

}

}

```

```
//////////  
}
```

3.1.34 models/session-model.php

```
<?php  
    session_start();  
    $USER = false;  
    if(isset($_SESSION['user'])) {  
        $USER = $_SESSION['user'];  
    }
```

3.1.35 models/shop-model.php

```
<?php

if(!isset($_SESSION))
{
    session_start();
}
// require_once "../config/connection.php";
require_once 'functions.php';

function loadFilters() {

    $cat = selectAllID("categories", "cat_id");
    $brand = selectAllID("brands", "brand_id");
    $color = selectAllID("colors", "color_id");

    $res = array(
        "cat" => $cat,
        "brand" => $brand,
        "color" => $color
    );

    return $res;
}

function getAllProductsShop($perPageNum, $pageNum) {

    $start = ($pageNum-1) * $perPageNum;
    // $end = $start + $perPageNum;

    $query = ("SELECT p.prod_id as id, p.prod_name as name, p.price, p.date, c.cat_name as cat, b.brand_name as brand, col.color_name as color, i.path_thumb as img, i.path_normal as img_normal FROM products p INNER JOIN brands b ON p.brand_id = b.brand_id INNER JOIN categories c ON p.cat_id = c.cat_id INNER JOIN colors col ON p.color_id = col.color_id INNER JOIN image i ON p.img_id = i.img_id WHERE active = 1 ORDER BY p.prod_id ASC LIMIT $start, $perPageNum");
    $products = queryString($query);
    $query = ("SELECT COUNT(*) as amount FROM products WHERE active = 1");
}
```

```
$amount = queryString($query);

$resp = array(
    "products" => $products,
    "amount" => $amount,
    "page" => $pageNum
);

return $resp;

}

function getFilteredProducts($params) {
    $cat = "";
    $brand = "";
    $color = "";
    $range = "";
    $select = "";
    $search = "";

    if(isset($params['cat'])) {
        $cat = $params['cat'];
    }
    if(isset($params['brand'])) {
        $brand = $params['brand'];
    }
    if(isset($params['color'])) {
        $color = $params['color'];
    }
    if(isset($params['select'])) {
        $select = $params['select'];
    }
    if(isset($params['search'])) {
        $search = $params['search'];
    }
    if(isset($params['range'])) {
        $range = $params['range'];
    }
    if(isset($params['perPageNum'])) {
        $perPageNum = $params['perPageNum'];
    }
    if(isset($params['pageNum'])) {
```

```

        $pageNum = $params['pageNum'];
    }

$start = ($pageNum-1) * $perPageNum;

$condition = "WHERE active = 1";

if(!empty($cat)) {
    $string = "c.cat_id IN ($cat)";
    (!empty($condition)) ? $condition .= " AND $string" : $condition .= " WHERE $string";
}
if(!empty($brand)) {
    $string = "b.brand_id IN ($brand)";
    (!empty($condition)) ? $condition .= " AND $string" : $condition .= " WHERE $string";
}
if(!empty($color)) {
    $string = "p.color_id IN ($color)";
    (!empty($condition)) ? $condition .= " AND $string" : $condition .= " WHERE $string";
}
if(!empty($range)) {
    $string = "p.price < $range";
    (!empty($condition)) ? $condition .= " AND $string" : $condition .= " WHERE $string";
}
if(!empty($search)) {
    $string = "LOWER(p.prod_name) LIKE '%$search%'";
    (!empty($condition)) ? $condition .= " AND $string" : $condition .= " WHERE $string";
}
if(!empty($select)) {
    $condition .= " ORDER BY ";
    switch($select) {
        case "newest" : $condition .= "p.date DESC";
        break;
        case "nameAsc" : $condition .= "p.prod_name ASC";
        break;
        case "nameDesc" : $condition .= "p.prod_name DESC";
        break;
        case "priceDesc" : $condition .= "p.price DESC";
        break;
        case "priceAsc" : $condition .= "p.price ASC";
        break;
    }
}

```

```

        break;
    }

}

else {
    $condition .= " ORDER BY p.prod_id ASC";
}

$query = "SELECT p.prod_id as id, p.prod_name as name, p.price, p.date, c.cat_name as cat, b.brand_name as brand, col.color_name as color, i.path_thumb as img, i.path_normal as img_normal FROM products p INNER JOIN brands b ON p.brand_id = b.brand_id INNER JOIN categories c ON p.cat_id = c.cat_id INNER JOIN image i ON p.img_id = i.img_id INNER JOIN colors as col ON p.color_id = col.color_id $condition LIMIT $start, $perPageNum";
$products = queryString($query);
$query = "SELECT COUNT(*) as amount FROM products p INNER JOIN brands b ON p.brand_id = b.brand_id INNER JOIN categories c ON p.cat_id = c.cat_id INNER JOIN image i ON p.img_id = i.img_id INNER JOIN colors as col ON p.color_id = col.color_id $condition";
$amount = queryString($query);

// display($products);

$resp = array(
    "products" => $products,
    "amount" => $amount,
    "page" => $pageNum
);

// display($resp);

return $resp;

}

function getProductID($id) {

if(!isset($id) || empty($id)) {
    header("Location: index.php");
}

```

```

        $query = ("SELECT p.prod_id as id, p.prod_name as name, p.price, p.date, c.ca
t_name as cat, b.brand_name as brand, col.color_name as color, i.path_thumb as i
mg, i.path_normal as img_normal, p.prod_desc FROM products p INNER JOIN brands b
ON p.brand_id = b.brand_id INNER JOIN categories c ON p.cat_id = c.cat_id INNER J
OIN colors col ON p.color_id = col.color_id INNER JOIN image i ON p.img_id = i.im
g_id WHERE p.prod_id = $id");
        $product = queryString($query);

        $resp = array(
            "product" => $product
        );

        return $resp;
    }

function selectProductsID($prods_id) {

    $in = "(";
    foreach($prods_id as $i => $prod) {
        $in = $in."$prod,";
    }
    $in = substr($in, 0, -1);
    $in = $in .")";

    $query = ("SELECT p.prod_id as id, p.prod_name as name, p.price, p.date, c.ca
t_name as cat, b.brand_name as brand, col.color_name as color, i.path_thumb as i
mg, i.path_normal as img_normal, p.prod_desc FROM products p INNER JOIN brands b
ON p.brand_id = b.brand_id INNER JOIN categories c ON p.cat_id = c.cat_id INNER J
OIN colors col ON p.color_id = col.color_id INNER JOIN image i ON p.img_id = i.im
g_id WHERE p.prod_id IN $in");
    $products = queryString($query);

    // $products = selectIN("products", "prod_id", $in, );
}

return $products;

```

```
}
```

3.1.36 models/upload.php

```
<?php
    // require_once "../config/connection.php";
    require_once "functions.php";
    require_once "shop-model.php";
    require_once "admin-model.php";
    require_once "customer-model.php";
    require_once "logout-model.php";
    require_once "login-model.php";
    require_once "register-model.php";
    require_once "orders-model.php";

if(isset($_FILES) && isset($_POST)) {

    if(isset($_FILES['img_normal']) && isset($_FILES['img_thumb'])) {

        $post = validatePOST();
        print_r($post);

        if($post) {
            $name = $post['name'];
            $desc = $post['desc'];
            $price = $post['price'];
            $cat = $post['cat'];
            $brand = $post['brand'];
            $color = $post['color'];
            $method = $post['method'];

            $img_normal = $_FILES['img_normal'];
            $img_thumb = $_FILES['img_thumb'];

            $img_name1 = $img_normal['name'];
            $temp1 = $img_normal['tmp_name'];
        }
    }
}
```

```

$type1 = $img_normal['type'];
$size1 = $img_normal['size'];
$errors1 = $img_normal['error'];

$img_name2 = $img_thumb['name'];
$temp2 = $img_thumb['tmp_name'];
$type2 = $img_thumb['type'];
$size2 = $img_thumb['size'];
$errors2 = $img_thumb['error'];

if($errors1 == 0 && $errors2 == 0) {

    $errs = array();
    $extenstions = ["image/jpg", "image/jpeg", "image/png"];

    if(!in_array($type1, $extenstions) || !in_array($type2, $extenstions)) {
        $errs[] = "Invalid file type!";
    }
    if($size1 > 200000 || $size2 > 200000) {
        $errs[] = "File to large";
    }

    if(empty($errs)) {
        $new_img_normal = time()."_" . $img_name1;
        $new_img_thumb = time()."_" . $img_name2;

        $img1 = array(
            // "img_normal" => $img_normal,
            "temp1" => $temp1,
            "type1" => $type1,
            "size1" => $size1,
            "new_img_normal" => $new_img_normal
        );
        $img2 = array(
            // "img_thumb" => $img_thumb,
            "temp2" => $temp2,
            "type2" => $type2,
            "size2" => $size2,
            "new_img_thumb" => $new_img_thumb
        );

        if($method == 'insertNewProduct') {

```

```

                insertNewProduct($name, $desc, $price, $cat, $bra
nd, $color, $img1, $img2);
            }
            else if($method == 'updateProduct') {
                $prod_id = $_POST['prod_id'];
                print_r("Update both");
                updateProductBothIMG($name, $desc, $price, $cat,
                $brand, $color, $img1, $img2, $prod_id);
            }
            else {
                echo json_encode("Invalid method", JSON_FORCE_OBJ
ECT);
                http_response_code(404);
            }
        }

    }

else {
    echo json_encode("Images have errors", JSON_FORCE_OBJECT)
;
    http_response_code(404);
}
}

else if(isset($_FILES['img_normal']) || isset($_FILES['img_thumb']))
{
    print_r("One of two images");
    $post = validatePOST();
    print_r($post);

    $prod_id = null;

    if(!empty($_POST['prod_id']) && isset($_POST['prod_id'])) {
        $prod_id = $_POST['prod_id'];
    }

    if($post && $prod_id) {
        $name = $post['name'];

```

```

$desc = $post['desc'];
$price = $post['price'];
$cat = $post['cat'];
$brand = $post['brand'];
$color = $post['color'];
$method = $post['method'];

if($method == "updateProduct") {
    if(isset($_FILES['img_normal'])) {
        print_r("Updates normal image");
        $img_normal = $_FILES['img_normal'];

        $img_name1 = $img_normal['name'];
        $temp1 = $img_normal['tmp_name'];
        $type1 = $img_normal['type'];
        $size1 = $img_normal['size'];
        $errs1 = $img_normal['error'];

        if($errs1 == 0) {
            $errs = array();
            $extenstions = ["image/jpg", "image/jpeg", "image/png"];

            if(!in_array($type1, $extenstions)) {
                $errs[] = "Invalid file type!";
            }
            if($size1 > 200000) {
                $errs[] = "File to large";
            }
        }

        if(empty($errs)) {
            $new_img_normal = time()."_" . $img_name1;

            $img1 = array(
                // "img_normal" => $img_normal,
                "temp1" => $temp1,
                "type1" => $type1,
                "size1" => $size1,
                "new_img_normal" => $new_img_normal
            );

            if($method == 'updateProduct') {
                updateProductNormalIMG($name, $desc, $price, $cat, $brand, $color, $img1, $prod_id);
            }
        }
    }
}

```

```

        }
    }

}

if(isset($_FILES['img_thumb'])) {
    // print_r("Updates thumb image");
    $img_thumb = $_FILES['img_thumb'];

    $img_name2 = $img_thumb['name'];
    $temp2 = $img_thumb['tmp_name'];
    $type2 = $img_thumb['type'];
    $size2 = $img_thumb['size'];
    $errs2 = $img_thumb['error'];

    if($errs2 == 0) {
        $errs = array();
        $extenstions = ["image/jpg", "image/jpeg", "image/png"];
        if(!in_array($type2, $extenstions)) {
            $errs[] = "Invalid file type!";
        }
        if($size2 > 200000) {
            $errs[] = "File to large";
        }
        if(empty($errs)) {
            $new_img_thumb = time()."_" . $img_name2;

            $img2 = array(
                // "img_normal" => $img_normal,
                "temp2" => $temp2,
                "type2" => $type2,
                "size2" => $size2,
                "new_img_thumb" => $new_img_thumb
            );
            if($method == 'updateProduct') {
                updateProductThumbIMG($name, $desc, $price, $cat, $brand, $color, $img2, $prod_id);
            }
        }
    }
}

```

```

        }

    }

}

else if(!isset($_FILES['img_normal']) && !isset($_FILES['img_normal']))
) {
    $post = validatePOST();

    if($post && isset($_POST['prod_id'])) {
        $name = $post['name'];
        $desc = $post['desc'];
        $price = $post['price'];
        $cat = $post['cat'];
        $brand = $post['brand'];
        $color = $post['color'];
        $method = $post['method'];
        $prod_id = $_POST['prod_id'];

        // print_r("Update product without images");
        updateProductWithoutIMG($name, $desc, $price, $cat, $brand,
d, $color, $prod_id);
    }
}

}

else if(isset($_POST)){
    // print_r("WITHOUT IMAGES")
    echo json_encode("No data was sent", JSON_FORCE_OBJECT);
    http_response_code(404);
}

function insertNewProduct($name, $desc, $price, $cat, $brand, $color, $img1, $img
2) {
    global $conn;

    $location1 = '../assets/img/' . $img1['new_img_normal'];

```

```

$location2 = '../assets/img/'.$img2['new_img_thumb'];
if(move_uploaded_file($img1['temp1'], $location1) && move_uploaded_file($img2['temp2'], $location2)) {

    $query = $conn-
>prepare("INSERT INTO image (path_normal, path_thumb) VALUES(:img_normal, :img_th
umb)");
    $query->bindParam(":img_normal", $img1['new_img_normal']);
    $query->bindParam(":img_thumb", $img2['new_img_thumb']);
    if($query->execute()) {
        $img_id = $conn->lastInsertId();

        $query = $conn-
>prepare("INSERT INTO products(prod_name, prod_desc, price, cat_id, brand_id, img
_id, color_id) VALUES(:prod_name, :prod_desc, :price, :cat_id, :brand_id, :img_id
, :color_id)");
        $query->bindParam(":prod_name", $name);
        $query->bindParam(":prod_desc", $desc);
        $query->bindParam(":price", $price);
        $query->bindParam(":cat_id", $cat);
        $query->bindParam(":brand_id", $brand);
        $query->bindParam(":img_id", $img_id);
        $query->bindParam(":color_id", $color);

        if($query->execute()) {
            // print_r("PRODUCT ADDED");
            echo json_encode("Product updated", JSON_FORCE_OBJECT);
            http_response_code(200);
        }
        else {
            echo json_encode("Failed to insert product", JSON_FORCE_OBJECT);
            http_response_code(500);
        }
    }
    else {
        echo json_encode("Failed to insert image", JSON_FORCE_OBJECT);
        http_response_code(500);
    }
}

```

```

function updateProductBothIMG($name, $desc, $price, $cat, $brand, $color, $img1,
$img2, $prod_id) {

    global $conn;
    $query = $conn-
>prepare("SELECT img_id FROM products WHERE prod_id = :prod_id");
    $query->bindParam(":prod_id", $prod_id);
    $query->execute();
    $img_id = $query->fetch()[0];

    $location1 = '../assets/img/'.$img1['new_img_normal'];
    $location2 = '../assets/img/'.$img2['new_img_thumb'];
    if(move_uploaded_file($img1['temp1'], $location1) && move_uploaded_file($img2
['temp2'], $location2)) {
        $query = $conn-
>prepare("UPDATE image SET path_normal = :img_normal, path_thumb = :img_thumb WHE
RE img_id = :img_id");
        $query->bindParam(":img_normal", $img1['new_img_normal']);
        $query->bindParam(":img_thumb", $img2['new_img_thumb']);
        $query->bindParam(":img_id", $img_id);

        if($query->execute()) {
            $query = $conn-
>prepare("UPDATE products SET prod_name = :name, prod_desc = :desc, price = :pric
e, cat_id = :cat, brand_id = :brand, color_id = :color WHERE prod_id = :prod_id")
;
            $query->bindParam(":prod_id", $prod_id);
            $query->bindParam(":name", $name);
            $query->bindParam(":desc", $desc);
            $query->bindParam(":price", $price);
            $query->bindParam(":cat", $cat);
            $query->bindParam(":brand", $brand);
            $query->bindParam(":color", $color);

            if($query->execute()) {
                echo json_encode("Product updated", JSON_FORCE_OBJECT);
                http_response_code(200);
            }
        }
    }
}

```

```

}

function updateProductNormalIMG($name, $desc, $price, $cat, $brand, $color, $img,
$prod_id) {
    global $conn;
    $query = $conn-
>prepare("SELECT img_id FROM products WHERE prod_id = :prod_id");
    $query->bindParam(":prod_id", $prod_id);
    $query->execute();
    $img_id = $query->fetch()[0];

    $location1 = '../assets/img/'.$img['new_img_normal'];
    if(move_uploaded_file($img['temp1'], $location1)) {
        $query = $conn-
>prepare("UPDATE image SET path_normal = :img_normal WHERE img_id = :img_id");
        $query->bindParam(":img_normal", $img['new_img_normal']);
        $query->bindParam(":img_id", $img_id);

        if($query->execute()) {
            $query = $conn-
>prepare("UPDATE products SET prod_name = :name, prod_desc = :desc, price = :price, cat_id = :cat, brand_id = :brand, color_id = :color WHERE prod_id = :prod_id");
;
            $query->bindParam(":prod_id", $prod_id);
            $query->bindParam(":name", $name);
            $query->bindParam(":desc", $desc);
            $query->bindParam(":price", $price);
            $query->bindParam(":cat", $cat);
            $query->bindParam(":brand", $brand);
            $query->bindParam(":color", $color);

            if($query->execute()) {
                echo json_encode("Product updated", JSON_FORCE_OBJECT);
                http_response_code(200);
            }
        }
    }
}

function updateProductThumbIMG($name, $desc, $price, $cat, $brand, $color, $img,
$prod_id) {
    global $conn;
}

```

```

$query = $conn-
>prepare("SELECT img_id FROM products WHERE prod_id = :prod_id");
$query->bindParam(":prod_id", $prod_id);
$query->execute();
$img_id = $query->fetch()[0];

$location1 = '../assets/img/'.$img['new_img_thumb'];
if(move_uploaded_file($img['temp2'], $location1)) {
    $query = $conn-
>prepare("UPDATE image SET path_thumb = :img_thumb WHERE img_id = :img_id");
    $query->bindParam(":img_thumb", $img['new_img_thumb']);
    $query->bindParam(":img_id", $img_id);

    if($query->execute()) {
        $query = $conn-
>prepare("UPDATE products SET prod_name = :name, prod_desc = :desc, price = :price, cat_id = :cat, brand_id = :brand, color_id = :color WHERE prod_id = :prod_id");
;
        $query->bindParam(":prod_id", $prod_id);
        $query->bindParam(":name", $name);
        $query->bindParam(":desc", $desc);
        $query->bindParam(":price", $price);
        $query->bindParam(":cat", $cat);
        $query->bindParam(":brand", $brand);
        $query->bindParam(":color", $color);

        if($query->execute()) {
            echo json_encode("Product updated", JSON_FORCE_OBJECT);
            http_response_code(200);
        }
    }
}
}

function updateProductWithoutIMG($name, $desc, $price, $cat, $brand, $color, $prod_id) {

    global $conn;

    $query = $conn-
>prepare("UPDATE products SET prod_name = :name, prod_desc = :desc, price = :price, cat_id = :cat, brand_id = :brand, color_id = :color WHERE prod_id = :prod_id");
;

```

```

$query->bindParam(":prod_id", $prod_id);
$query->bindParam(":name", $name);
$query->bindParam(":desc", $desc);
$query->bindParam(":price", $price);
$query->bindParam(":cat", $cat);
$query->bindParam(":brand", $brand);
$query->bindParam(":color", $color);

if($query->execute()) {
    echo json_encode("Product updated", JSON_FORCE_OBJECT);
    http_response_code(200);
}

}

function validatePOST() {

if(!empty($_POST['method']) && isset($_POST['method'])) {
    $method = $_POST['method'];

    $regProdName = "/^[\w]{2,50}$/";
    $regPrice = "/^\d{1,8}(?:\.\d{1,4})?$/";
    // $regDesc = "/^[\wA-ZŠĐŽĆĆa-zšđžćć0-9][\wŠĐĆĆZšđžćć0-9]/\s\.\!,\?]+$/";

    $name = null;
    $desc = null;
    $price = null;
    $cat = null;
    $brand = null;
    $color = null;

    $errors = array();

    if(!empty($_POST['name']) && isset($_POST['name'])) {
        if(!preg_match($regProdName, $_POST['name'])) {
            $errors['name'] = "Name is not valid";
        }
        else {
            $name = $_POST['name'];
        }
    }
}

```

```
}

else {
    $errors['name'] = "Name cannot be empty";
}

if(!empty($_POST['desc']) && isset($_POST['desc'])) {
    $desc = $_POST['desc'];
}
else {
    $errors['desc'] = "Description cannot be empty";
}

if(!empty($_POST['price']) && isset($_POST['price'])) {
    if(!preg_match($regPrice, (float)$_POST['price'])) {
        $errors['price'] = "Price is not valid";
    }
    else {
        $price = $_POST['price'];
    }
}
else {
    $errors['price'] = "Price cannot be empty";
}

if(!empty($_POST['cat']) && isset($_POST['cat'])) {
    $cat = $_POST['cat'];
}
else {
    $errors['cat'] = "Category cannot be empty";
}

if(!empty($_POST['brand']) && isset($_POST['brand'])) {
    $brand = $_POST['brand'];
}
else {
    $errors['brand'] = "Brand cannot be empty";
}

if(!empty($_POST['color']) && isset($_POST['color'])) {
    $color = $_POST['color'];
}
```

```

    else {
        $errors['color'] = "Color cannot be empty";
    }

    if(!empty($_POST['method']) && isset($_POST['method'])) {
        $method = $_POST['method'];
    }
    else {
        $errors['method'] = "Method cannot be empty";
    }

    if(empty($errors)) {
        $res = array(
            "name" => $name,
            "desc" => $desc,
            "price" => $price,
            "cat" => $cat,
            "brand" => $brand,
            "color" => $color,
            "method" => $method
        );
        return $res;
    }
    else {
        return false;
    }
}

else {
    return false;
}

}

```

3.1.37 models/connection.php

```
<?php
```

```
define("WEBISTE", "MShirts");

define("HOST", "localhost");
define("USER", "root");
define("PASS", "");
define("NAME", "msdb");

try {
    $host = HOST;
    $user = USER;
    $pass = PASS;
    $dbname = NAME;

    $dsn = "mysql:host={$host};dbname={$dbname};charset=utf8";
    $options = array(
        PDO::ATTR_PERSISTENT => true,
        PDO::ATTR_ERRMODE => PDO::ERRMODE_EXCEPTION
    );

    $conn = new PDO($dsn, $user, $pass, $options);
}
catch(PDOException $e) {
    echo "Could not connect to Database: " . $e->getMessage();
}
```

3.2 CSS

3.2.1 styles.css

```
/* .active {
    color: crimson;
} */
.invalid {
    color: crimson;
}
a {
    text-decoration: none;
    color: inherit;
}

#hero-slider {
    background-image: url("../img/nathan.jpg");
    background-size: cover;
    background-position: center;
    height: 50vh;
}

#hero-paragraf {
    background-color: ghostwhite;
}

#about-hero {
    background-image: url("../img/hero8.jpg");
    background-size: cover;
    background-position: center;
    height: 50vh;
}

.grid {
    cursor: pointer;
}
.active-grid {
    color: #0d6efd;
}
/* .grid:hover {
    transform: scale(1.05);
} */
.rotate-90 {
```

```
        transform: rotate(90deg);
    }

#customer-cart-quantity {

    font-size: 12px;
    background: #ff0000;
    color: #fff;
    padding: 2px 6px;
    vertical-align: top;
    margin-left: -10px;

}

.badge {

    padding-left: 9px;
    padding-right: 9px;
    -webkit-border-radius: 9px;
    -moz-border-radius: 9px;
    border-radius: 9px;
}

.modal-backdrop+.modal-backdrop {

    opacity : 0;
}
```

3.3 JS

P.S. Word iz nepoznatog razloga ne formatira lepo js fajl

3.3.1 main.js

```
document.addEventListener("DOMContentLoaded", () => {
```

```

class Paths {

    static location = location.pathname;

    static baseURL = `models/`;
    static ajax = `ajax.php`;

}

class Validator {

    static regEmail = /\w+([-.\']\w+)*@\w+([-.\']\w+)*\. \w+([-.\']\w+)*$/;
    static regName = /[^A-ZČĆŽŠĐ][a-zććžđ]{2,15}$/;
    static regProdName = /\w []{2,50}$/;
    static regUsernameName = /[A-Za-zČĆŽŠĐććžđ0-9_.+]{2,30}$/;
    static regSubject = /(^\w[((\w+)|(\w*))*$)|(^\w$)/;
    static regUsername = /\w{2,25}$/;
    static regPhone = /[0-9]{9,10}$/;
    static regZip = /[1-4][0-9]{4}$/;
    static regPrice = /\d{1,8}(?:\.\d{1,4})?$/;
    static regCity = /[^A-ZČĆŽŠĐ][a-zććžđ]{2,15}(\s[A-ZČĆŽŠĐ][a-zććžđ]{2,15}){0,4}$/;
    static regAddress = /#.0-9a-zA-Z\s,-]{2,50}$/;
    static regMessage = /[\wA-ZŠĐŽĆĆa-zđžćć0-9][\wŠĐĆĆŽšđžćć0-9\s!.?]+$/gm;
    static regDesc = /[\wA-ZŠĐŽĆĆa-zđžćć0-9][\wŠĐĆĆŽšđžćć0-9\s!.?]+$/gm;
    static regPassword = /(?=.*[A-Za-z])(?=.*\d)(?=.*[@$!%*#?&])[A-Za-z\d@$!%*#?&]{8,30}$/;
}

```

```
constructor(inputs, errs) {  
    this.inputs = inputs;  
    this.errs = errs;  
}  
  
checkout() {  
    const objInputs = this.inputs;  
    this.validateEmail(objInputs.email);  
    this.validateName(objInputs.firstName, "firstName");  
    this.validateName(objInputs.lastName, "lastName");  
    this.validatePhone(objInputs.phone);  
    this.validateZip(objInputs.zip);  
    this.validateCity(objInputs.city);  
    this.validateAddress(objInputs.address);  
  
    return this.errs;  
}  
  
// contact() {  
//     const objInputs = this.inputs;  
//     this.validateEmail(objInputs.email);  
//     this.validateName(objInputs.firstName, "firstName");  
//     this.validateName(objInputs.lastName, "lastName");  
//     this.validateMessage(objInputs.message);  
  
//     return this.errs;
```

```
// }

insertImage() {
    const objInputs = this.inputs;
    this.validateProdName(objInputs.name);
    // this.validateDesc(objInputs.desc);
    this.validatePrice(objInputs.price)

    return this errs;
}

login() {
    const objInputs = this.inputs;
    this.validateUsernameEmail(objInputs.usernameEmail);
    this.validatePassword(objInputs.password);

    return this errs;
}

logout() {

    const objInputs = this.inputs;
    console.log(objInputs);
    this.validateUsername(objInputs.username);
    this.validateName(objInputs.fname, 'fname');
    this.validateName(objInputs.lname, 'lname');
    this.validateAddress(objInputs.address);
    this.validateEmail(objInputs.email);
    this.validatePassword(objInputs.password1, '1');
```

```
        this.validateConfirmPassword(objInputs.password1, objInputs.password2);

        return this errs;

    }

    contact() {
        const objInputs = this.inputs;
        console.log(objInputs);
        this.validateName(objInputs.fname, "fname");
        this.validateName(objInputs.lname, "lname");
        this.validateEmail(objInputs.email);
        this.validateSubject(objInputs.subject);
        // this.validateMessage(objInputs.message);

        return this errs;
    }

    validateMessage(message) {
        if(!Validator.regMessage.test(message)) {
            this errs.message = "Message needs to have between 4-100 characters";
        }
    }

    validateName(name, type) {
        if(!Validator.regName.test(name)) {
            this errs[type] = "Must be between 2-15 characters";
        }
    }
}
```

```
}

validateEmail(email) {
    console.log(email);
    if(!Validator.regEmail.test(email)) {
        this errs.email = "Email is not in good format!";
    }
}

validatePhone(phone) {
    if(!Validator.regPhone.test(phone)) {
        this errs.phone = "Phone number is not in good format!";
    }
}

validateAddress(address) {
    if(!Validator.regAddress.test(address)) {
        this errs.address = "Please enter a valid street address! eg. Main st 123";
    }
}

validateCity(city) {
    if(!Validator.regCity.test(city)) {
        this errs.city = "Please enter a correct city name";
    }
}

validateZip(zip) {
```

```
if(!Validator.regZip.test(zip)) {
    this errs.zip = "Please enter a valid zip number!";
}

}

validatePassword(password, num=") {
    if(!Validator.regPassword.test(password)) {
        this errs['password${num}'] = "Please enter a valid password! (eg.
Pass123*)";
    }
}

validateUsername(username) {
    console.log(username);
    if(!Validator.regUsername.test(username)) {
        this errs.username = "Please enter a valid username! (eg. MysticMac*)";
    }
}

validateUsernameEmail(user) {
    if(!Validator.regUsernameName.test(user) && !Validator.regEmail.test(user)) {
        this errs.usernameEmail = "Username or email is not valid";
    }
}

validateConfirmPassword(password1, password2) {
    if(password1 !== password2) {
        this errs.password2 = "Passwords don't match";
    }
}
```

```
}

validateSubject(subject) {
    if(!Validator.regSubject.test(subject)) {
        this errs.subject = "Please enter a valid subject name!";
    }
}

validateProdName(prodName) {
    if(!Validator.regProdName.test(prodName)) {
        this errs.name = "Please enter a valid product name!";
    }
}

validateDesc(desc) {
    if(!Validator.regDesc.test(desc)) {
        this errs.desc = "Please enter a valid description!";
    }
}

validatePrice(price) {
    if(!Validator.regPrice.test(Number(price))) {
        this errs.price = "Must contain positive numbers only eg 59.99!";
    }
}

}
```

```
class Async {  
  
    static headers = {  
        'Accept': 'application/json, text/plain, */*',  
        "Content-Type": "application/x-www-form-urlencoded; charset=UTF-8"  
    }  
  
    static fetchPOST(url, data = {} ) {  
        try {  
  
            const res = fetch(Paths.baseURL + url, {  
                method : "POST",  
                headers : this.headers,  
                body : JSON.stringify(data)  
            })  
            .then(resp => {  
                if(resp.ok) {  
                    // (resp);  
                    return resp.json();  
                }  
                else {  
                    switch(res.status) {  
                        case 404 : {  
                            resp.json().then(r => alert(`404 Error: ${r}`));  
                        };  
                        break;  
                        case 500 : {  
                            // (resp);  
                            return resp.json();  
                        };  
                    }  
                }  
            }  
            .catch(error => {  
                console.error(`Error: ${error.message}`);  
            })  
        } catch (error) {  
            console.error(`Error: ${error.message}`);  
        }  
    }  
}
```

```
        resp.json().then(r => alert(`500 Error: ${r}`));
    };
    break;
  default : {
    alert("Oops something went wrong... ");
  };
}

});

return res;

}

catch(err) {
  console.log("HERE WE GO AGAIN");
  throw new Error(err);
}

}

static fetchPOSTImg(url, data = {} ) {
  try {

    const res = fetch(Paths.baseURL + url, {
      method : "POST",
      body : JSON.stringify(data)
    })
    .then(resp => {
      if(resp.ok) {
```

```
// (resp);
return resp.json();
}

else {
    switch(resp.status) {
        case 404 : {
            resp.json().then(r => alert(`404 Error: ${r}`));
        };
        break;
        case 500 : {
            resp.json().then(r => alert(`500 Error: ${r}`));
        };
        break;
        default : {
            alert("Oops something went wrong... ");
        };
    }
};

});

return res;

}

catch(err) {
    console.log("HERE WE GO AGAIN");
    throw new Error(err);
}
}
```

```
static initShopProducts() {
  (async () => {

    const params = {};
    params.perPageNum = 6;
    params.pageNum = 1;

    let products = await this.fetchPOST("getDataAjax.php", { "method" :
"getAllProductsShop", 'params' : params });

    const amount = Number(products.amount[0].amount);
    const pageNum = Number(products.page);
    products = products.products;

    Listeners.shop();
    Display.productsShop(products, amount, pageNum);
    // Display.pagination(amount, pageNum);

  })();
}

static controllerShop(page = 1) {
```

```
(async () => {

    let products, perPageNum, pageNum, amount;
    perPageNum = document.querySelector('.active-grid').dataset.offset;
    pageNum = Number(page);

    const params = Filter.shop();

    (Object.keys(params).length === 0);

    params.perPageNum = perPageNum;
    params.pageNum = pageNum;

    products = await this.fetchPOST("getDataAjax.php", { 'method' :
    "getFilteredProducts", 'params' : params });

    amount = Number(products.amount[0].amount);
    pageNum = Number(products.page);
    products = products.products;
    Display.productsShop(products, amount, pageNum);

})();

}

static controllerAdminProducts(page = 1) {

    (async () => {

        let products, perPageNum, pageNum, amount;
        perPageNum = document.querySelector('.active-grid').dataset.offset;
```

```
pageNum = Number(page);

const params = {};

params.perPageNum = perPageNum;
params.pageNum = pageNum;

// console.log(prams);

products = await this.fetchPOST("getDataAjax.php", { 'method' :
"getAllProducts", 'params' : params });

amount = Number(products.amount[0].amount);
pageNum = Number(products.page);
products = products.products;
Display.adminProducts(products, amount, pageNum);

})();

}

static controllerAdminMessages(page = 1) {
(async () => {

let perPageNum, pageNum, amount;
perPageNum = document.querySelector('.active-grid').dataset.offset;
pageNum = Number(page);

const params = {};
```

```
params.perPageNum = perPageNum;
params.pageNum = pageNum;

let messages = await this.fetchPOST("getDataAjax.php", { "method" :
"getAllMessages", 'params' : params });

amount = Number(messages.amount[0].amount);
pageNum = Number(messages.page);
// const messagesID = messages.dist;
messages = messages.messages;

console.log(messages);

Display.userMessages(messages, amount, pageNum, "admin");

})();
}

static controllerCustomerMessages(page = 1) {
(async () => {
const userID = Number(localStorage.getItem("userID"));
let perPageNum, pageNum, amount;
perPageNum = document.querySelector('.active-grid').dataset.offset;
pageNum = Number(page);

const params = {};
params.perPageNum = perPageNum;
```

```
params.pageNum = pageNum;
params.userID = userID;

let messages = await this.fetchPOST("getDataAjax.php", { "method" :
"getAllMessagesID", 'params' : params });

amount = Number(messages.amount[0].amount);
pageNum = Number(messages.page);
// const messagesID = messages.dist;
messages = messages.messages;

console.log(messages);

Display.userMessages(messages, amount, pageNum, "customer");
})();
}

static controllerAdminOrders(page = 1) {

(async () => {
    let orders, perPageNum, pageNum, amount;
    perPageNum = document.querySelector('.active-grid').dataset.offset;
    pageNum = Number(page);

    const params = {};

    // console.log(params);
}
```

```
params.perPageNum = perPageNum;
params.pageNum = pageNum;

console.log(params);

orders = await this.fetchPOST("getDataAjax.php", { 'method' : "getAllOrders",
'params' : params });

amount = Number(orders.amount[0].amount);
pageNum = Number(orders.page);
const ordersID = orders.dist;
orders = orders.orders;

Display.userOrders(orders, ordersID, amount, pageNum, "admin");

})();

}

static controllerCustomerOrders(page = 1) {

(async () => {
const userID = Number(localStorage.getItem("userID"));
let orders, perPageNum, pageNum, amount;
perPageNum = document.querySelector('.active-grid').dataset.offset;
pageNum = Number(page);

const params = {};
```

```
// console.log(params);

params.perPageNum = perPageNum;
params.pageNum = pageNum;
params.user_id = userID;

console.log(params);

orders = await this.fetchPOST("getDataAjax.php", { 'method' :
"getAllOrdersID", 'params' : params });
console.log(orders);

amount = Number(orders.amount[0].amount);
pageNum = Number(orders.page);
const ordersID = orders.dist;
orders = orders.orders;

Display.userOrders(orders, ordersID, amount, pageNum, "customer");

})();

}

static controllerAdminUsers(page = 1) {
(async () => {

let perPageNum = document.querySelector('.active-grid').dataset.offset;
```

```
let pageNum = Number(page);

console.log(perPageNum);
console.log(pageNum);

const params = {};

console.log(params);

params.perPageNum = perPageNum;
params.pageNum = pageNum;

let users = await this.fetchPOST("getDataAjax.php", { 'method' : "getAllUsers",
'params' : params });

let amount = Number(users.amount[0].amount);
pageNum = Number(users.page);
users = users.users;

Display.adminUsers(users, amount, pageNum);

})();
}

static initAdminUsers() {
(async () => {

const params = {};
```

```
    params.perPageNum = 6;
    params.pageNum = 1;

    let users = await this.fetchPOST("getDataAjax.php", { "method" :
"getAllUsers", 'params' : params });

    const amount = Number(users.amount[0].amount);
    const pageNum = Number(users.page);
    users = users.users;

    console.log(amount);
    console.log(pageNum);
    console.log(users);

    Display.adminUsers(users, amount, pageNum);

})();

}

static initAdminProducts() {
    (async () => {

        const params = {};
        params.perPageNum = 6;
        params.pageNum = 1;

        let products = await this.fetchPOST("getDataAjax.php", { "method" :
"getAllProducts", 'params' : params });

    })();
}
```

```
        const amount = Number(products.amount[0].amount);
        const pageNum = Number(products.page);
        products = products.products;

        Display.adminProducts(products, amount, pageNum);

    })();
}

static initAdminOrders() {
    (async () => {

        const params = {};
        params.perPageNum = 6;
        params.pageNum = 1;

        let orders = await this.fetchPOST("getDataAjax.php", { "method" :
        "getAllOrders", 'params' : params });

        const amount = Number(orders.amount[0].amount);
```

```
    const pageNum = Number(orders.page);
    const ordersID = orders.dist;
    orders = orders.orders;

    Display.userOrders(orders, ordersID, amount, pageNum, "admin");

})();

}

static initCustomerOrders() {

    (async () => {

        // const userID = document.querySelector('#customer-id').value;
        const userID = Number(localStorage.getItem("userID"));

        console.log(userID);

        const params = {};
        params.perPageNum = 6;
        params.pageNum = 1;
        params.user_id = userID;

        let orders = await this.fetchPOST("getDataAjax.php", { "method" :
        "getAllOrdersID", 'params' : params });
    })
}
```

```
let amount = 0;
if(orders.orders) {
    amount = Number(orders.amount[0].amount);
}
const pageNum = Number(orders.page);
const ordersID = orders.dist;
orders = orders.orders;

Display.userOrders(orders, ordersID, amount, pageNum, "customer");

})();

}

static initAdminMessages() {
    (async () => {

        const params = {};
        params.perPageNum = 6;
        params.pageNum = 1;

        let messages = await this.fetchPOST("getDataAjax.php", { "method" :
        "getAllMessages", 'params' : params });
    })
}
```

```
        const amount = Number(messages.amount[0].amount);
        const pageNum = Number(messages.page);
        const messagesID = messages.dist;
        messages = messages.messages;

        console.log(messages);

        Display.userMessages(messages, amount, pageNum, "admin");

    })();
}

static initCustomerMessages() {
    (async () => {
        const userID = Number(localStorage.getItem("userID"));

        const params = {};
        params.perPageNum = 6;
        params.pageNum = 1;
        params.user_id = userID;

        let messages = await this.fetchPOST("getDataAjax.php", { "method" :
        "getAllMessagesID", 'params' : params });

        const amount = Number(messages.amount[0].amount);
        const pageNum = Number(messages.page);
```

```
    const messagesID = messages.dist;
    messages = messages.messages;

    console.log(messages);

    Display.userMessages(messages, amount, pageNum, "customer");

})();
}
```

```
static initCustomerPoll() {
    (async () => {
        const userID = Number(localStorage.getItem("userID"));

        const params = {};
        params.user_id = userID;
        params.poll_id = 1;

        console.log(params);

        let poll = await this.fetchPOST("getDataAjax.php", { "method" : "selectPollID",
"params" : params });
        console.log(poll);
        const question = poll.question.question;
        const hasVoted = Number(poll.voted);
        const answers = poll.answers;

        // console.log(question);
```

```
// console.log(answers);

if(hasVoted) {
    const results = poll.results;
    Display.hasVoted(question, answers, results);
}
else {
    Display.notVoted(question, answers);
}

})();
}

static singleProduct() {

(async () => {

    if(localStorage.getItem('prodID') === null) {
        window.location = 'index.php';
    }

    const prodID = Number(localStorage.getItem('prodID'));
    const params = {};
    params.prodID = prodID;

    let product = await this.fetchPOST("getDataAjax.php", { "method" :
    "getProductID", 'params' : params });

```

```
product= product.product[0];

Display.singleProduct(product);

})();

}

static initCart() {

(async () => {

let orders;

if(localStorage.getItem('orders')) {
    orders = Storage.getOrders('orders');
    Display.ordersCart(orders);
}

const checkout = document.querySelector('#cart-make-purchase');

checkout.addEventListener('click', e => {
    e.preventDefault();
    if(Storage.getOrders().length > 0 {

    }
});
```

```
})(());

}

static logoutCustomer(userID) {
  (async () => {

    console.log(userID);

    const params = {};
    params.user_id = userID;
    const cart = [];
    let orders;
    if(localStorage.getItem('orders')) {
      orders = Storage.getOrders('orders');
      console.log(orders);
      for(let i in orders) {
        cart.push({"prod_id": orders[i].prod_id, "quantity": orders[i].quantity});
      }
      params.cart = cart;
    }

    console.log(params);
    // console.log(params.cart);
    // console.log(params.user_id);

    let logout = await this.fetchPOST("getDataAjax.php", { "method": "logoutCustomer", "params" : params});
  })
}
```

```
// console.log(logout);
Storage.removeOrders();
window.location.href = "index.php";
// if(logout === "Succeeded") {

// }

})();

}

static selectProductsID(prodsID, prodsQuantity) {
(async () => {

    const params = {};
    params.prodsID = prodsID;
    console.log(prodsID)

    let products = await this.fetchPOST("getDataAjax.php", { "method": "selectProductsID", "params" : params});
    for(let i in products) {
        products[i].quantity = prodsQuantity[i];
        products[i].totalPrice = Number(prodsQuantity[i] * Number(products[i].price));
        console.log(products[i]);
        Storage.addOrderLine(products[i]);
    }
}
```

```
})();

}

static initLogin(params) {
    (async () => {
        console.log(params);

        let login = await this.fetchPOST("getDataAjax.php", { "method": "loginUser",
    "params" : params});

        if(typeof login === "string") {
            document.querySelector('#login-
user').nextElementSibling.nextElementSibling.innerHTML = login;
        }
        else if(typeof login === "object") {
            const userID = Number(login['user_id']);
            if(login['cart']) {
                const cart = login['cart'];
                console.log(cart);
                for(let i in cart) {
                    cart[i].quantity = Number(cart[i].quantity);
                    cart[i].totalPrice = Number(cart[i].totalPrice);
                    Storage.addOrderLine(cart[i]);
                }
            }
            localStorage.setItem('userID', userID);
            window.location.href = "index.php";
        }
    }
}
```

```
})(());

}

static registerCustomer(params) {

    (async () => {

        console.log(params)

        let register = await this.fetchPOST("getDataAjax.php", { "method": "registerUser", "params" : params});

        console.log(register);

        if(typeof register === "string") {

            document.querySelector('#register-user').nextElementSibling.nextElementSibling.innerHTML = register;

        }

        else if(typeof register === "object") {

            const userID = Number(register['user_id']);

            localStorage.setItem('userID', userID);

            window.location.href = "index.php";

        }

    })(());

}

static insertOrders() {
```

```
(async () => {
    if(Storage.getOrders().length > 0 && localStorage.getItem('userID')) {

        const order = Storage.getOrders();
        const userID = localStorage.getItem('userID');
        const prodID = [];
        for(let i in order) {
            prodID.push(order[i].prod_id);
        }

        const params = {};
        params.orders = order;
        params.prodID = prodID;
        params.userID = userID;

        console.log(params);
        let orders = await this.fetchPOST("getDataAjax.php", { "method": "insertOrders", "params" : params});
        if(orders === "Success") {
            document.querySelector("#cart-success").innerHTML = "Successfully purchased";
            Storage.removeOrders();
            document.querySelector("#cart-orders-list").innerHTML = "";

        }
        else {
            document.querySelector("#cart-no-item").innerHTML = order;
        }
    }
})
```

```
        }
    })();
}

static insertNewProduct(formData) {
    (async () => {

        formData.append('method', "insertNewProduct");

        for(let f of formData) {
            console.log(f);
        }

        $.ajax({
            type:'POST',
            url: "models/upload.php",
            data:formData,
            cache:false,
            contentType: false,
            processData: false,
            success:function(data){
                console.log("success");
                console.log(data);
                alert("Added new product");
            },
            error: function(data){
```

```
        console.log("error");
        console.log(data);
        alert("Something went wrong");
    }
});

})();

}

static contact(params) {
    (async () => {

        let contact = await this.fetchPOST("getDataAjax.php", { "method": "insertMessage", "params" : params});

        console.log(contact);
        console.log(document.querySelector("#contact-success"));
        if(contact == "Success") {
            document.querySelector("#contact-success").innerHTML = "Message successfully sent";
            console.log(document.querySelector("#contact-success"));
        }
        else {
            document.querySelector("#contact-fail").innerHTML = "Something went wrong";
        }
    })();
}
```

```
}
```

```
static adminRemoveUser(userID){  
    (async () => {  
  
        const params = {};  
        params.userID = userID;  
  
        let remove = await this.fetchPOST("getDataAjax.php", { "method":  
            "adminRemoveUser", "params" : params});  
        console.log(remove);  
  
        // this.controllerAdminUsers();  
        Async.controllerAdminUsers();  
  
    })();  
}  
  
static adminRemoveOrder(orderID, userID) {  
    (async () => {  
  
        const params = {};  
        params.user_id = userID;  
        params.order_id = orderID;  
  
        let remove = await this.fetchPOST("getDataAjax.php", { "method":  
            "adminRemoveOrder", "params" : params});  
        console.log(remove);  
}
```

```
// this.controllerAdminUsers();
Async.controllerAdminOrders();

})();
}

static adminRemoveProduct(prodID) {
  (async() => {

    const params = {};
    params.prod_id = prodID;

    let remove = await this.fetchPOST("getDataAjax.php", { "method": "adminRemoveProduct", "params" : params});
    // console.log(remove);

    Async.controllerAdminProducts();

  })();
}

static adminRemoveMessage(msgID) {
  (async () => {

    const params = {};
    params.msg_id = msgID;
```



```
if(msg) {
    alert(msg);
}

if(localStorage.getItem('updateProdID') === null) {
    window.location = 'index.php';
}

const prodID = Number(localStorage.getItem('updateProdID'));
const params = {};
params.prodID = prodID;

let product = await this.fetchPOST("getDataAjax.php", { "method" :
"getProductID", 'params' : params });

let filters = await this.fetchPOST("getDataAjax.php", {'method':
"getAllFilters"});

console.log(filters);
product= product.product[0];

console.log(product);
Display.adminUpdateProduct(product, filters);

})();
}

static adminUpdateProduct(formData) {
(async () =>{
```

```
        formData.append('method', "updateProduct");

        for(let f of formData) {
            console.log(f);
        }

        $.ajax({
            type:'POST',
            url: "models/upload.php",
            data:formData,
            cache:false,
            contentType: false,
            processData: false,
            success:function(data){
                Async.initAdminUpdateProduct("Product updated");
            },
            error: function(data){
                alert(`Failed to update product ${data}`);
            }
        });

    })();
}
```

```
}
```

```
class Display {
```

```
    static productsShop(productsObj, amount, page) {
```

```
        let loggedUser = null
```

```
        if(document.querySelector('#customer-type')) {
```

```
            loggedUser = document.querySelector('#customer-type').value;
```

```
}
```

```
        const div = document.querySelector("#products");
```

```
        let content = ``;
```

```
        for(let i in productsObj) {
```

```
            content += `
```

```
<div class="col-lg-4 col-md-6 col-sm-12">
```

```
<figure class="card card-product-grid">
```

```
<div class="img-wrap position-relative">
```

```
    
```

```
    <p class="position-absolute top-0 start-0 bg-light lead text-dark py-2 mt-4 px-3">${productsObj[i].brand}</p>
```

```
        <h5 class="d-block mx-3 lead bg-light p-4">Price: <span
class="text-success">&dollar;${productsObj[i].price}</span></h5>
        </div> <!-- img-wrap.-->
        <div class="px-3 mt-3">
            <span class="lead">${Get.quantityInput(loggedUser,
productsObj[i].id)}</span>
        </div>
        <figcaption class="info-wrap py-2 px-3">
            <div class="fix-height">
                <h5 class="d-block my-3 lead bg-light p-
3">${productsObj[i].name}</h5>
                <div class="price-wrap mt-2">
                    </div> <!-- price-wrap.-->
                <div class="mt-3">
                    <p class="ms-1">Color: ${productsObj[i].color}</p>
                    <div class="d-flex justify-content-start">
                        </div>
                </div>
                </div>
                <div class="mb-2">
                    <a class="btn btn-light border mb-2 btn-view-product" href="#"
data-prodid="${productsObj[i].id}">View</a>
                    ${Get.buyButton(loggedUser, productsObj[i].id, i)}
                </div>
            </figcaption>
        </figure>
        <div>
            <div>
```

```
        <input type="hidden" name="name" id="name-${productsObj[i].id}"  
value="${productsObj[i].name}">  
        <input type="hidden" name="cat" id="cat-${productsObj[i].id}"  
value="${productsObj[i].cat}">  
        <input type="hidden" name="brand" id="brand-${productsObj[i].id}"  
value="${productsObj[i].brand}">  
        <input type="hidden" name="color" id="color-${productsObj[i].id}"  
value="${productsObj[i].color}">  
        <input type="hidden" name="img" id="img-${productsObj[i].id}"  
value="${productsObj[i].img}">  
        <input type="hidden" name="price" id="price-${productsObj[i].id}"  
value="${productsObj[i].price}">  
    </div>  
  
    </div>  
    </div>  
};  
}
```

```
div.innerHTML = content;  
document.querySelector('#item-count').innerHTML = amount;  
this.pagination(amount, page);
```

```
const linksView = document.querySelectorAll(".btn-view-product");
linksView.forEach(link => {
    link.addEventListener('click', e => {
        e.preventDefault();
        localStorage.setItem('prodID', link.dataset.prodid);
        window.location.href = "product.php";
    });
});

const linksAdd = document.querySelectorAll(".btn-cart");
linksAdd.forEach(link => {
    link.addEventListener('click', e => {
        e.preventDefault();

        const prodID = Number(link.dataset.prodidx);
        const prod = productsObj[prodID];
        const orderLine = Get.orderLine(prod);

        Storage.addOrderLine(orderLine);

        const modal = Helpers.createShopModalAdd(orderLine);
        modal.show();

    });
});
```

```
static pagination(amount, page) {  
  
    let offset = Get.productsPerPage();  
  
    const div = document.querySelector("#pagination");  
    let content = ``;  
    let end;  
  
  
  
    if(amount % offset == 0) {  
        end = amount / offset;  
    }  
    else {  
        end = Math.floor(amount/offset+1);  
    }  
  
  
    for(let i=1; i<=end; i++) {  
        content += `  
  
            <li class="page-item ${ i === page ? "active" : "" }"><a class="page-link  
            pagination-link" ${ i === page ? "active" : "" } href="#" data-page='${i}'>${i}</a></li>  
  
        `;  
    }  
    div.innerHTML = content;  
  
  
    const links = document.querySelectorAll("#pagination .page-link");
```

```
links.forEach((link, idx) => {
    link.classList.remove('clicked');
    link.addEventListener('click', e => {
        e.preventDefault();
        if(Paths.location.indexOf('shop.php') !== -1) {
            Async.controllerShop(link.dataset.page);
        }
        else if(Paths.location.indexOf('admin-products.php') !== -1) {
            Async.controllerAdminProducts(link.dataset.page);
        }
        else if(Paths.location.indexOf('admin-orders.php') !== -1) {
            Async.controllerAdminOrders(link.dataset.page);
        }
        else if(Paths.location.indexOf('customer-orders.php') !== -1) {
            Async.controllerCustomerOrders(link.dataset.page);
        }
        else if(Paths.location.indexOf('admin-messages.php') !== -1) {
            Async.controllerAdminMessages(link.dataset.page);
        }
        else if(Paths.location.indexOf('customer-messages.php') !== -1) {
            Async.controllerCustomerMessages(link.dataset.page);
        }
        else if(Paths.location.indexOf('admin-users.php') !== -1) {
            Async.controllerAdminUsers(link.dataset.page);
        }
    });
});
```

```
}
```

```
static adminUsers(usersObj, amount, page) {  
  
    const div = document.querySelector("#admin-users-table");  
    let content = ``;  
  
    for(let i in usersObj) {  
  
        content += `  
  
        <tr>  
            <th scope="row">${Number(i)+1}</th>  
            <td>${usersObj[i].username}</td>  
            <td>${usersObj[i].first_name}</td>  
            <td>${usersObj[i].last_name}</td>  
            <td>${usersObj[i].email}</td>  
            <td>${usersObj[i].date_created}</td>  
            <td>  
                <button data-toggle="modal" data-bs-target="#delete-user-modal"  
                    class="delete-user btn" data-userid="${usersObj[i].id}" data-userindex=${i}>  
                    <span class="material-icons text-danger">delete</span>  
                </button>  
            </td>  
        </tr>  
    `;  
}
```

```
}
```

```
div.innerHTML = content;  
document.querySelector('#item-count').innerHTML = amount;  
this.pagination(amount, page);
```

```
let userID;  
let userIndex;  
let user;
```

```
const links = document.querySelectorAll('.delete-user');  
links.forEach(link => {  
    link.addEventListener("click", e => {  
        e.preventDefault();  
        userID = link.dataset.userid;  
        userIndex = Number(link.dataset.userindex);  
        user = usersObj[userIndex];
```

```
        const modal = new bootstrap.Modal(document.getElementById('delete-user-modal'));  
        document.querySelector('#delete-user-modal-username').innerHTML = user.username;  
        document.querySelector('#delete-user-modal-fname').innerHTML = user.first_name;  
        document.querySelector('#delete-user-modal-lname').innerHTML = user.last_name;  
        document.querySelector('#delete-user-modal-email').innerHTML = user.email;  
        document.querySelector('#delete-user-modal-id').innerHTML = userID;
```

```
        modal.show();

        document.querySelector('#remove-user-anchor').addEventListener('click', e
=> {
    e.preventDefault();
    // ASYNC
    Async.adminRemoveUser(Number(userID));
});

});

}

static adminProducts(prodObj, amount, page) {

    const div = document.querySelector("#admin-products-table");
    let content = ``;

    for(let i in prodObj) {

        content += `

<tr>
<th class="align-middle" scope="row">${Number(i)+1}</th>
<td>
```

```
<td>
```

```

        
    </td>
    <td class="align-middle">${prodObj[i].name}</td>
    <td class="align-middle">${prodObj[i].cat}</td>
    <td class="align-middle">${prodObj[i].brand}</td>
    <td class="align-middle">${prodObj[i].color}</td>
    <td class="align-middle">${prodObj[i].date}</td>
    <td class="align-middle">
        <button data-toggle="modal" data-bs-target="#edit-user-modal"
class="edit-prod btn " data-prodid="${prodObj[i].id}" data-userindex=${i}>
            <span class="material-icons text-primary">edit</span>
        </button>
    </td>
    <td class="align-middle">
        <button data-toggle="modal" data-bs-target="#delete-user-modal"
class="delete-prod btn " data-prodid="${prodObj[i].id}" data-userindex=${i}>
            <span class="material-icons text-danger">delete</span>
        </button>
    </td>
</tr>

```

```

`;
```

```

}
```

```

div.innerHTML = content;
document.querySelector('#item-count').innerHTML = amount;
this.pagination(amount, page);
```

```
const edits = document.querySelectorAll('.edit-prod');
edits.forEach(edit => {
    edit.addEventListener('click', e => {
        e.preventDefault();
        const prodID = Number(edit.dataset.prodid);
        localStorage.setItem('updateProdID', prodID);
        window.location.href = "admin-product-update.php";
    });
});

const links = document.querySelectorAll('.delete-prod');
links.forEach(link => {
    link.addEventListener("click", e => {
        e.preventDefault();
        // console.log();
        const prodID = Number(link.dataset.prodid);
        Async.adminRemoveProduct(prodID);
    });
});
```

```
static userOrders(ordersObj, ordersIDobj, amount, page, userType) {  
  
    const div = document.querySelector(`#${userType}-orders-div`);  
  
    let content = ``;  
  
    const groupOrders = [];  
  
    let dist = 0;  
  
    const ordersID = [];  
    for(let i in ordersIDobj) {  
        ordersID.push(Number(ordersIDobj[i].order_id));  
    }  
  
    for(let i in ordersID) {  
        groupOrders.push(Object.values(ordersObj).filter(obj => {  
            return ordersID[Number(i)] === (Number(obj.order_id));  
        }));  
    }  
  
    console.log(ordersID);  
  
    groupOrders.forEach((o, i) => {
```

```

// console.log(o);
content += `

<div class="mt-5">

    <h4 class="">Order no.${i+1}</h4>
    <p class="lead">Customer: <span class="bg-light text-success p-2">${o[0].customer}</span></p>
    <p class="lead">Purchased on: <span class="bg-light text-success p-2">${o[0].order_date}</span></p>
    <p class="lead">Total: <span class="bg-light text-success p-2">${Get.totalPriceOrders(o)}</span></p>
`


if(userType === 'admin') {
    content += `
        <p class="lead">Remove:
        <button data-toggle="modal" data-bs-target="#delete-user-modal"
        class="delete-order btn" data-orderid="${o[0].order_id}" data-userid="${o[0].user_id}"
        data-prodid="${o[0].prod_id}">
            <span class="material-icons text-danger p-2 bg-light">delete</span>
        </button></p>
`


}

content += `
</div>
<table class="table table-striped table-bordered text-center">
<thead>
    <tr>
        <th scope="col">No.</th>
        <th scope="col">Image</th>

```

```

<th scope="col">Name</th>
<th scope="col">Category</th>
<th scope="col">Brand</th>
<th scope="col">Color</th>
<th scope="col">Price</th>
<th scope="col">Quantity</th>
<th scope="col">Total</th>

</tr>
</thead>
<tbody id="admin-products-table" class="table-striped">

`;
for(let i in o) {
    content += `

        <tr>
            <th class="align-middle" scope="row">${Number(i)+1}</th>
            <td class="align-middle">
                
            </td>
            <td class="align-middle">${o[i].prod_name}</td>
            <td class="align-middle">${o[i].cat}</td>
            <td class="align-middle">${o[i].brand}</td>
            <td class="align-middle">${o[i].color}</td>
            <td class="align-middle">${o[i].prod_price}</td>
            <td class="align-middle">${o[i].quantity}</td>
            <td class="align-middle">${o[i].total_price}</td>
        </tr>
    `;
}

```

```
    `;
}

content += `

</tbody>
</table>

`;

});

div.innerHTML = content;
document.querySelector('#item-count').innerHTML = amount;
this.pagination(amount, page);

if(Number(localStorage.getItem('userID')) === 1) {
  const btns = document.querySelectorAll('.delete-order');
  btns.forEach(btn => {
    btn.addEventListener('click', e => {
```

```
e.preventDefault();

const orderID = btn.dataset.orderid;
const userID = btn.dataset.userid;

Async.adminRemoveOrder(orderID, userID);

});
```

```
static singleProduct(prod) {  
  
    let loggedUser = null  
  
    if(document.querySelector('#customer-type')) {  
        loggedUser = document.querySelector('#customer-type').value;  
  
    }  
  
    const div = document.querySelector('#single-product-div');  
  
    document.querySelector('#single-product-h1').innerHTML = `${prod.name}`;  
    document.querySelector('#single-product-p').innerHTML = `${prod.name}`;  
  
    const content = `
```

```
<div class="mb-5">
    <div class="container">
        <h3 class="lead p-3 display-5 mb-3">${prod.name}</h3>
        <p class="lead col-md-4 bg-light mb-5 p-3">Here you can view info about
<span id="single-product-name">${prod.name}</p>
    </div>
</div>

<div class="container">
    <div class="row">
        <div class="d-md-flex justify-content-between">
            <div class="col-md-3 col-12">
                <figcaption>
                    
                </figcaption>
            </div>
            <div class="col-md-8 col-12 mt-5 mt-md-0">
                <h4 class="lead">Name: <span class="bg-light text-success p-2">${prod.name}</span></h4>
                <p class="lead mt-4">Category: <span class="bg-light text-success p-2">${prod.cat}</span></p>
                <p class="lead mt-4">Brand: <span class="bg-light text-success p-2">${prod.brand}</span></p>
                <p class="lead mt-4">Color: <span class="bg-light text-success p-2">${prod.color}</span></p>
                <p class="lead mt-4">Price: <span class="bg-light text-success p-2">${prod.price}</span></p>
            </div>
        </div>
    </div>

```

```
        <p class="lead mt-4">Description: <span class="bg-light text-success p-2">${prod.prod_desc}</span></p>

        ${Get.buyButtonNumberInput(loggedUser, prod.id)}

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

`;
```

```
div.innerHTML = content;
```

```
if(localStorage.getItem('userID') != 1) {
    const btn = document.querySelector('.btn-cart-prod');
    btn.addEventListener('click', e => {
        e.preventDefault();
        const orderLine = Get.orderLine(prod);

        Storage.addOrderLine(orderLine);

        const modal = Helpers.createProductModalAdd(orderLine);
        console.log(modal);
        Helpers.backdropIssue();
        modal.show();
```

```
        })
    }

// const close = document.querySelector('#close-product-modal');
// close.addEventListener('click', e => {
//   e.preventDefault();
// });
// console.log(close);

// console.log(addBtns);
// addBtns.forEach(btn => {
//   btn.addEventListener('click', () => {
//     console.log(btn);
//     const orderLine = Get.orderLine(prod);

//     Storage.addOrderLine(orderLine);

//     const modal = Helpers.createProductModalAdd(orderLine);
//     console.log(modal);
//     modal.show();
//   });
// });

}

}
```

```
static ordersCart(orders) {
    const div = document.querySelector('#cart-orders-list');
    let content = ``;

    document.querySelector("#modal-number-products-cart").innerHTML =
orders.length;

    let total = 0;
    const userID = Number(document.querySelector(`#cart-user-id`).value);

    for(let i in orders) {
        total += orders[i].totalPrice;
        content += `

<tr>
    <th class="align-middle" scope="row">${Number(i)+1}</th>
    <td class="align-middle">
        
    </td>
    <td class="align-middle">${orders[i].name}</td>
    <td class="align-middle">${orders[i].cat}</td>
    <td class="align-middle">${orders[i].brand}</td>
    <td class="align-middle">${orders[i].color}</td>
    <td class="align-middle">$$ ${orders[i].price}</td>
    <td class="align-middle">${orders[i].quantity}</td>
    <td class="align-middle">$$ ${orders[i].totalPrice.toFixed(2)}</td>
    <td class="align-middle">
```

```
        <button data-toggle="modal" data-bs-target="#delete-user-modal"
class="remove-prod-btn btn" data-userid="${orders[i].prod_id}" data-
prodid="${orders[i].prod_id}">
            <span class="material-icons text-danger p-2 bg-
light">delete</span>
        </button>
    </td>
</tr>

`;

}
```

```
document.querySelector("#price").innerHTML = total;
document.querySelector("#total-price").innerHTML = total;
div.innerHTML = content;

const removeBtns = document.querySelectorAll('.remove-prod-btn');
removeBtns.forEach(btn => {
    btn.addEventListener('click', () => {

        const prodID = Number(btn.dataset.prodid);
        Storage.removeOrderLine(prodID);
```

```
        });
    });

}

static userMessages(msgObj, amount, page, userType) {

    const div = document.querySelector(`#${userType}-messages-div`);
    let content = `<div class="row">`;

    console.log(amount);

    for(let i in msgObj) {

        content += `

            <div class="mt-5 col-md-8">
                <h4 class="">Message no.${Number(i)+1}</h4>
                <div class="lead">Sender: <p class="bg-light text-success p-2">${msgObj[i].first_name} ${msgObj[i].last_name}</p></div>
                <div class="lead">Email: <p class="bg-light text-success p-2">${msgObj[i].email}</p></div>
                <div class="lead">Received: <p class="bg-light text-success p-2">${msgObj[i].msg_date}</p></div>
                <div class="lead">Subject: <p class="bg-light text-success p-2">${msgObj[i].subject}</p></div>
            </div>
        `;

    }

    div.innerHTML = content;
}
```

```
<div class="lead mb-3">Message: <p class="bg-light text-success p-2">${msgObj[i].message}</p></div>

`

if(Number(localStorage.getItem("userID")) === 1) {
    content += `

<div>
    <p class="lead">Remove:
        <button data-toggle="modal" data-bs-target="#delete-user-modal"
            class="delete-msg btn" data-msgid="${msgObj[i].msg_id}" data-
            email="${msgObj[i].email}">
            <span class="material-icons text-danger p-2 bg-light">delete</span>
        </button></p>
    </div>
`

}

content += `
<hr>
</div>
`;

}

content += `</div>`;
```

```
div.innerHTML = content;
document.querySelector('#item-count').innerHTML = amount;
this.pagination(amount, page);

if(Number(localStorage.getItem('userID')) === 1) {

    const links = document.querySelectorAll('.delete-msg');
    links.forEach(link => {
        link.addEventListener("click", e => {
            e.preventDefault();
            // userID = link.dataset.userid;
            // userIndex = Number(link.dataset.userindex);
            // user = usersObj[userIndex];

            // const modal = new bootstrap.Modal(document.getElementById('delete-user-modal'));
            // document.querySelector('#delete-user-modal-username').innerHTML = user.username;
            // document.querySelector('#delete-user-modal-fname').innerHTML = user.first_name;
            // document.querySelector('#delete-user-modal-lname').innerHTML = user.last_name;
            // document.querySelector('#delete-user-modal-email').innerHTML = user.email;
            // document.querySelector('#delete-user-modal-id').innerHTML = userID;
            // modal.show();

            const msgID = Number(link.datasetmsgid);
```

```
        console.log(msgID);

        Async.adminRemoveMessage(msgID);

    });

}

}
```

```
static notVoted(question, answers) {

    const div = document.querySelector("#customer-poll");
    console.log(answers);
    let content = `

<div class="mt-5">
    <h3 class="lead bg-light p-3">${question}</h3>
</div>
<div class="p-3">
    <form action="">
`;
```

```
for(let i in answers) {  
    content += `  
        <div class="form-check mt-3">  
            <input class="form-check-input" ${Number(i) === 0} ? "checked" : ""}  
            type="radio" name="poll" value='${answers[i].id}' id="pollchoice-$i+1">  
            <label class="form-check-label" for="flexRadioDefault1">  
                ${answers[i].text}  
            </label>  
        </div>  
  
    `;  
}  
  
content += `  
    <hr>  
    <div class="mt-3">  
        <button class="btn btn-light border" id="poll-submit">Submit</button>  
    </div>  
    </form>  
`;  
  
div.innerHTML = content;
```

```
const btn = document.querySelector("#poll-submit");  
btn.addEventListener('click', e => {  
    e.preventDefault();
```

```
const choices = document.querySelectorAll('input[name="poll"]');
let choiceID = null;
choices.forEach(c => {
  if(c.checked) {
    choiceID = Number(c.value);
  }
});
Async.customerVote(choiceID);
});

}

static hasVoted(question, answers, results) {
  const div = document.querySelector("#customer-poll");
  let content = `

<div class="mt-5">
  <h3 class="lead bg-light p-3">${question}</h3>
</div>
<div class="p-3">
  <h4 class='lead'>Results</h4>
  <form action="">
`;

  for(let i in answers) {
    content += `
```

```
<div class="mt-3">
  <p class="lead">
    ${answers[i].text}
    (${results[i]})

  </p>
</div>

`;
}

content += `

</form>
</div>
`;

div.innerHTML = content;

}

static adminUpdateProduct(product, filters) {

  const divCat = document.querySelector('#cat');
  const divBrand = document.querySelector('#brand');
  const divColor = document.querySelector('#color');
  const name = document.querySelector('#name');
  const desc = document.querySelector('#desc');
  const price = document.querySelector('#price');
  const img = document.querySelector('#img');
```

```
const btn = document.querySelector('#btn');
name.value = product.name;
desc.value = product.prod_desc;
price.value = product.price;

let content = ``;
for(let i in filters[0]) {
    // console.log(filters[0][i]);
    content += `
        <option ${filters[0][i].cat_name == product.cat ? "selected" : ""} value="${filters[0][i].cat_id}">${filters[0][i].cat_name}</option>
    `;
}
divCat.innerHTML = content;

content = ``;
for(let i in filters[1]) {
    // console.log(filters[1][i]);
    content += `
        <option ${filters[1][i].brand_name == product.brand ? "selected" : ""} value="${filters[1][i].brand_id}">${filters[1][i].brand_name}</option>
    `;
}
divBrand.innerHTML = content;

content = ``;
for(let i in filters[2]) {
    // console.log(filters[2][i]);
    content += `
```

```
        <option ${filters[2][i].color_name == product.color ? "selected" : ""} value="${filters[2][i].color_id}">${filters[2][i].color_name}</option>
    `;
}

divColor.innerHTML = content;

img.innerHTML = `
![${product.name}](assets/img/${product.img_normal})
```

```
        console.log(formData);
        formData.append("prod_id", prodID);
        if(formData) {
            Async.adminUpdateProduct(formData);
        }
    });

}

}

class Get {

    static buyButton(loggedUser, id, idx) {

        let content = ``;
        if(loggedUser === 'customer') {
            content += `
                <a href="#" class="btn btn-block btn-secondary btn-cart mb-2" data-
prodid=${id} data-prodidx=${idx}>Add to cart </a>
            `;
        }
        // data-bs-toggle="modal" data-bs-target="#add-prod-cart-modal"
    }
}
```

```
    return content;

}

static buyButtonNumberInput(loggedUser, id) {

    let content = ``;
    if(loggedUser === 'customer') {
        content += `
            <div>
                <label>Quantity:</label> <br>
                <input type="number" id="quantity-${id}" max="100" min="1" value="1">
            </div>
            <div>
                <a href="#" class="btn btn-block btn-secondary btn-cart-prod mb-2 mt-3"
                    data-bs-toggle="modal" data-backdrop="false" data-bs-target="#single-product-add-
                    modal" data-prodid=${id}>Add to cart </a>
            </div>
        `;
    }
}
```

```
    return content;

}

static quantityInput(loggedUser, id) {

    let content = ``;
```



```
static totalPriceOrders(ordersObj) {  
  
    let total = 0;  
  
    for(let i in ordersObj) {  
        total += Number(ordersObj[i].total_price);  
    }  
  
    return total;  
}  
  
static orderLine(prod) {  
  
    const prodName = prod.name;  
    const prodID = prod.id;  
    const prodCat = prod.cat;  
    const prodBrand = prod.brand;  
    const prodColor = prod.color;  
    const quantity = Number(document.querySelector(`#quantity-${prodID}`).value);  
    const price = Number(prod.price);  
    const prodImg = prod.img;  
  
    const orderLine = {  
        "prod_id" : prodID,  
        "name" : prodName,  
        "cat" : prodCat,
```

```
        "brand" : prodBrand,  
        "quantity" : quantity,  
        "price" : price,  
        "totalPrice" : price * quantity,  
        "img" : prodImg,  
        "color" : prodColor  
  
    };  
  
    document.querySelector(`#quantity-${prodID}`).value = 1;  
  
    return orderLine;  
  
}  
  
}
```

```
class Filter {  
  
    static shop() {  
  
        const data = {};
```

```
const catInputs = document.querySelectorAll(`input[name="cat"]`);  
const brandInputs = document.querySelectorAll(`input[name="brand"]`);  
const colorInputs = document.querySelectorAll(`input[name="color"]`);  
  
let cat = [];  
let brand = [];  
let color = [];  
  
catInputs.forEach(c => {  
    if(c.checked) {  
        cat.push(c.value);  
    }  
});  
cat = cat.join(',');  
  
brandInputs.forEach(b => {  
    if(b.checked) {  
        brand.push(b.value);  
    }  
});  
brand = brand.join(',');  
  
colorInputs.forEach(s => {  
    if(s.checked) {  
        color.push(s.value);  
    }  
});
```

```
color = color.join(',');

const range = document.querySelector('#range');
const select = document.querySelector('#select');
const search = document.querySelector("#search-products");

cat !== "" ? data.cat = cat : "";
brand !== "" ? data.brand = brand : "";
color !== "" ? data.color = color : "";

range.value > 0 & range.value < 100 ? data.range = range.value : "";
select.value !== "" ? data.select = select.value : "";
search.value !== "" ? data.search = search.value : "";

// return (Object.keys(data).length === 0) ? false : data;
(data);
return data;

}

}

class Helpers {
```

```
static activeGrid() {  
  
    const gridBtns = document.querySelectorAll(".grid");  
  
    let n;  
    for(let i=0; i<gridBtns.length; i++) {  
        gridBtns[i].addEventListener('click', e => {  
            e.preventDefault();  
            if(!gridBtns[i].classList.contains('active-grid')) {  
                gridBtns[i].classList.add('active-grid');  
                if(i==0) {  
                    gridBtns[1].classList.remove('active-grid');  
                }  
                else {  
                    gridBtns[0].classList.remove('active-grid');  
                }  
            }  
        }  
    }  
    if(Paths.location.indexOf('shop.php') !== -1) {  
        Async.controllerShop();  
    }  
    else if(Paths.location.indexOf('admin-products.php') !== -1) {  
        console.log("ADMIN PRODUCTS");  
        Async.controllerAdminProducts();  
    }  
    if(Paths.location.indexOf('admin-orders.php') !== -1) {  
        Async.controllerAdminOrders();  
    }  
    if(Paths.location.indexOf('customer-orders.php') !== -1) {  
        Async.controllerCustomerOrders();  
    }  
}
```

```

        Async.controllerCustomerOrders();

    }

    if(Paths.location.indexOf('admin-messages.php') !== -1) {
        Async.controllerAdminMessages();
    }

    if(Paths.location.indexOf('customer-messages.php') !== -1) {
        Async.controllerCustomerMessages();
    }

    if(Paths.location.indexOf('admin-users.php') !== -1) {
        Async.controllerAdminUsers();
    }

});

}

}

static adminUsersModal() {

    document.querySelector("#delete-user-div").innerHTML = `

        <div class="modal fade" id="delete-user-modal" tabindex="-1" aria-
labelledby="delete-user-modal" aria-hidden="true">
            <div class="modal-dialog">
                <div class="modal-content">
                    <div class="modal-header">
                        <h5 class="modal-title lead text-danger">You are about to remove: <span
class="p-3 bg-light text-success" id="delete-user-modal-username"></span></h5>
                    </div>
                </div>
            </div>
        </div>
    `;
}

```

```
<div class="modal-body">
    <h3 class="lead text-secondary mb-3" id="modal-error-title">Personal
info:</h4>

    <p class="lead" >First name: <span class="bg-light py-1 px-3 text-success"
id="delete-user-modal-fname"></span></p>

    <p class="lead" >Last name: <span class="bg-light py-1 px-3 text-success"
id="delete-user-modal-lname"></span></p>

    <p class="lead" >Email: <span class="bg-light py-1 px-3 text-success"
id="delete-user-modal-email"></span></p>

    <input type="hidden" id="delete-user-modal-id">

</div>

<div class="modal-footer d-flex justify-content-between">
    <p class="lead text-danger">Changes made here will be permanent.</p>
    <div>
        <a href="#" id="remove-user-anchor" data-bs-dismiss="modal"
class="btn btn-danger">Remove</a>
        <button type="button" class="btn btn-light border" data-bs-
dismiss="modal">Cancel</button>
    </div>
</div>
</div>
`;
```

}

```
static shopModalAdd() {
```

```
document.querySelector("#shop-add-div").innerHTML = `

<div class="modal fade" id="shop-add-modal" tabindex="-1" aria-labelledby="shop-add-modal" aria-hidden="true">

  <div class="modal-dialog">

    <div class="modal-content">

      <div class="modal-header">

        <h5 class="modal-title lead"><span class="p-3 text-success" id="shop-add-modal-heading"></span> added to cart</h5>

      </div>

      <div class="modal-body">

        <h3 class="lead text-secondary mb-3" id="modal-error-title">Personal info:</h4>

        <p class="lead" >Name: <span class="bg-light py-1 px-3 text-success" id="shop-add-modal-name"></span></p>

        <p class="lead" >Category: <span class="bg-light py-1 px-3 text-success" id="shop-add-modal-cat"></span></p>

        <p class="lead" >Brand: <span class="bg-light py-1 px-3 text-success" id="shop-add-modal-brand"></span></p>

        <p class="lead" >Price: $<span class="bg-light py-1 px-3 text-success" id="shop-add-modal-price"></span></p>

        <p class="lead" >Quantity: <span class="bg-light py-1 px-3 text-success" id="shop-add-modal-quantity"></span></p>

        <p class="lead" >Total: $<span class="bg-light py-1 px-3 text-success" id="shop-add-modal-total"></span></p>

        <input type="hidden" id="shop-add-modal-id">

      </div>

      <div class="modal-footer d-flex justify-content-between">

        <div>

          <a href="cart.php" class="btn btn-secondary">View in cart</a>

          <button type="button" class="btn btn-light border" data-bs-dismiss="modal">Close</button>

        </div>

      </div>

    </div>

  </div>

</div>
```

```
        </div>
        </div>
        </div>
    </div>
    `;

}

static productModalAdd() {

    document.querySelector("#single-product-add-div").innerHTML = `

        <div class="modal fade" id="single-product-add-modal" tabindex="-1" aria-labelledby="single-product-add-modal" aria-hidden="true">
            <div class="modal-dialog">
                <div class="modal-content">
                    <div class="modal-header">
                        <h5 class="modal-title lead"><span class="p-3 text-success" id="single-product-add-modal-heading"></span> added to cart</h5>
                    </div>
                    <div class="modal-body">
                        <h3 class="lead text-secondary mb-3" id="modal-error-title">Personal info:</h4>
                        <p class="lead" >Name: <span class="bg-light py-1 px-3 text-success" id="single-product-add-modal-name"></span></p>
                        <p class="lead" >Category: <span class="bg-light py-1 px-3 text-success" id="single-product-add-modal-cat"></span></p>
                    </div>
                </div>
            </div>
        `;
```

```
    <p class="lead" >Brand: <span class="bg-light py-1 px-3 text-success" id="single-product-add-modal-brand"></span></p>

    <p class="lead" >Price: $<span class="bg-light py-1 px-3 text-success" id="single-product-add-modal-price"></span></p>

    <p class="lead" >Quantity: <span class="bg-light py-1 px-3 text-success" id="single-product-add-modal-quantity"></span></p>

    <p class="lead" >Total: $<span class="bg-light py-1 px-3 text-success" id="single-product-add-modal-total"></span></p>

    <input type="hidden" id="single-product-add-modal-id">

</div>

<div class="modal-footer d-flex justify-content-between">

<div>

    <a href="cart.php" class="btn btn-secondary">View in cart</a>

    <button type="button" class="btn btn-light border" id="close-product-modal" data-bs-dismiss="modal">Close</button>

</div>

</div>

</div>

`;

console.log(document.querySelector("#single-product-add-div"));

}
```

```
static createShopModalAdd(orderLine) {

    const modal = new bootstrap.Modal(document.getElementById('shop-add-modal'));

    document.querySelector('#shop-add-modal-heading').innerHTML =
orderLine.name;
```

```
    document.querySelector('#shop-add-modal-name').innerHTML =
orderLine.name;

    document.querySelector('#shop-add-modal-cat').innerHTML = orderLine.cat;

    document.querySelector('#shop-add-modal-brand').innerHTML =
orderLine.brand;

    document.querySelector('#shop-add-modal-price').innerHTML =
`$$ {orderLine.price}`;

    document.querySelector('#shop-add-modal-quantity').innerHTML =
orderLine.quantity;

    document.querySelector('#shop-add-modal-total').innerHTML =
`$$ {orderLine.totalPrice.toFixed(2)}`;

    return modal;
}
```

```
static createProductModalAdd(orderLine) {

    const modal = new bootstrap.Modal(document.getElementById('single-product-
add-modal'));

    document.querySelector('#single-product-add-modal-heading').innerHTML =
orderLine.name;

    document.querySelector('#single-product-add-modal-name').innerHTML =
orderLine.name;

    document.querySelector('#single-product-add-modal-cat').innerHTML =
orderLine.cat;

    document.querySelector('#single-product-add-modal-brand').innerHTML =
orderLine.brand;

    document.querySelector('#single-product-add-modal-price').innerHTML =
`$$ {orderLine.price}`;

    document.querySelector('#single-product-add-modal-quantity').innerHTML =
orderLine.quantity;
```

```
    document.querySelector('#single-product-add-modal-total').innerHTML =
`$${
orderLine.totalPrice.toFixed(2)}`;

    console.log(modal);

    return modal;

}

static productsInCart(len = 0) {

    if(document.querySelector('#customer-cart-quantity')) {

        if(Storage.getOrders().length) {

            document.querySelector('#customer-cart-quantity').innerHTML =
Storage.getOrders().length;

        }

        else if(len > 0) {

            document.querySelector('#customer-cart-quantity').innerHTML = len;

        }

        else {

            document.querySelector('#customer-cart-quantity').innerHTML = "";

        }

    }

}

static backdropIssue() {
```

```
const modals = document.querySelectorAll(".modal-backdrop");
document.on('show.bs.modal', '.modal', function () {

    if (modals.length > 1) {
        modals.not(':first').remove();
    }
});

// Remove all backdrop on close
document.on('hide.bs.modal', '.modal', function () {
    if (modals.length > 1) {
        modals.remove();
    }
});

// $(document).on('show.bs.modal', '.modal', function () {
//     if $(".modal-backdrop").length > 1) {
//         $(".modal-backdrop").not(':first').remove();
//     }
// });

// /// Remove all backdrop on close
// $(document).on('hide.bs.modal', '.modal', function () {
//     if $(".modal-backdrop").length > 1) {
//         $(".modal-backdrop").remove();
//     }
// });

}

}
```

```
}
```

```
class Listeners {
```

```
    static shop() {
```

```
        const inputs = document.querySelectorAll(`input[type="checkbox"]`);
```

```
        inputs.forEach(i => {
```

```
            i.addEventListener('change', () => {
```

```
                Async.controllerShop();
```

```
            });
```

```
        });
```

```
        document.querySelector("#range").addEventListener('change', () =>
```

```
            Async.controllerShop());
```

```
        document.querySelector("#select").addEventListener('change', () =>
```

```
            Async.controllerShop());
```

```
        document.querySelector("#search-products").addEventListener('keyup', () =>
```

```
            Async.controllerShop());
```

```
}
```

```
    static adminProducts() {
```

```
}
```

```
static login() {
```

```
    const usernameEmail = document.querySelector('#usernameEmail');
```

```
    const password = document.querySelector('#password');
```

```
    // const btn = document.querySelector('#login-user');
```

```
    let errs = {};
```

```
    const data = {};
```

```
        usernameEmail.value === "" ? errs.usernameEmail = "Cannot be empty" :  
        usernameEmail.nextElementSibling.innerHTML = ";
```

```
        password.value === "" ? errs.password = "Cannot be empty" :  
        password.nextElementSibling.innerHTML = "";
```

```
        data.usernameEmail = usernameEmail.value.trim();
```

```
        data.password = password.value.trim();
```

```
    if(Object.keys(errs).length > 0) {
```

```
        for(let idx in errs) {
```

```
            document.querySelector(`#${idx}`).nextElementSibling.innerHTML =  
            errs[idx];
```

```
            document.querySelector(`#${idx}`).nextElementSibling.classList.add('text-danger');
```

```
        }
```

```
    }
```

```
    else {
```

```
        const validator = new Validator(data, errs);
```

```
    errs = validator.login();
    if(Object.keys(errs).length > 0) {
        for(let idx in errs) {
            document.querySelector(`#${idx}`).nextElementSibling.innerHTML =
errs[idx];

document.querySelector(`#${idx}`).nextElementSibling.classList.add('text-danger');

        }
    }
    else {
        usernameEmail.nextElementSibling.innerHTML = "";
        usernameEmail.value = "";
        password.nextElementSibling.innerHTML = "";
        password.value = "";

        return data;
    }
}

}

static logout() {

    const username = document.querySelector('#username');
```

```
const fname = document.querySelector('#fname');
const lname = document.querySelector('#lname');
const address = document.querySelector('#address');
const email = document.querySelector('#email');
const password1 = document.querySelector('#password1');
const password2 = document.querySelector('#password2');
const btn = document.querySelector('#register-user');

console.log("Jorge");
```

```
let errs = {};
const data = {};

username.value === "" ? errs.username = "Cannot be empty" :
username.nextElementSibling.innerHTML = "";

fname.value === "" ? errs.fname = "Cannot be empty" :
fname.nextElementSibling.innerHTML = "";

lname.value === "" ? errs.lname = "Cannot be empty" :
lname.nextElementSibling.innerHTML = "";

address.value === "" ? errs.address = "Cannot be empty" :
address.nextElementSibling.innerHTML = "";

email.value === "" ? errs.email = "Cannot be empty" :
email.nextElementSibling.innerHTML = "";

password1.value === "" ? errs.password1 = "Cannot be empty" :
password1.nextElementSibling.innerHTML = "";

password2.value === "" ? errs.password2 = "Cannot be empty" :
password2.nextElementSibling.innerHTML = "";

console.log(errs);
```

```
data.username = username.value.trim();
data.fname = fname.value.trim();
data.lname = lname.value.trim();
data.address = address.value.trim();
data.email = email.value.trim();
data.password1 = password1.value.trim();
data.password2 = password2.value.trim();

if(Object.keys(errs).length > 0) {
    for(let idx in errs) {
        document.querySelector(`#${idx}`).nextElementSibling.innerHTML =
errs[idx];

document.querySelector(`#${idx}`).nextElementSibling.classList.add('text-danger');

    }
}
else {
    const validator = new Validator(data, errs);
    errs = validator.logout();
    if(Object.keys(errs).length > 0) {
        for(let idx in errs) {
            console.log(errs);
            document.querySelector(`#${idx}`).nextElementSibling.innerHTML =
errs[idx];
document.querySelector(`#${idx}`).nextElementSibling.classList.add('text-danger');

        }
    }
}
else {
```

```
username.nextElementSibling.innerHTML = "";
username.value = "";

fname.nextElementSibling.innerHTML = "";
fname.value = "";

lname.nextElementSibling.innerHTML = "";
lname.value = "";

address.nextElementSibling.innerHTML = "";
address.value = "";

email.nextElementSibling.innerHTML = "";
email.value = "";

password1.nextElementSibling.innerHTML = "";
password1.value = "";

password2.nextElementSibling.innerHTML = "";
password2.value = "";

return data;

}

}

}

static contact() {
```

```
const fname = document.querySelector("#fname");
const lname = document.querySelector("#lname");
const email = document.querySelector("#email");
const subject = document.querySelector("#subject");
const message = document.querySelector("#message");

const empty = "Cannot be empty";
let errs = {};
let data = {};

fname.value === "" ? errs.fname = empty :
fname.nextElementSibling.innerHTML = "";

lname.value === "" ? errs.lname = empty :
lname.nextElementSibling.innerHTML = "";

email.value === "" ? errs.email = empty : email.nextElementSibling.innerHTML =
"";

subject.value === "" ? errs.subject = empty :
subject.nextElementSibling.innerHTML = "";

message.value === "" ? errs.message = empty :
message.nextElementSibling.innerHTML = "";

data.fname = fname.value.trim();
data.lname = lname.value.trim();
data.email = email.value.trim();
data.subject = subject.value.trim();
data.message = message.value.trim();

if(Object.keys(errs).length > 0) {
    for(let idx in errs) {
```

```
        document.querySelector(`#${idx}`).nextElementSibling.innerHTML =
errs[idx];

        document.querySelector(`#${idx}`).nextElementSibling.classList.add('text-
danger');

    }

}

else {

    const validator = new Validator(data, errs);

    errs = validator.contact();

    if(Object.keys(errs).length > 0) {

        for(let idx in errs) {

            document.querySelector(`#${idx}`).nextElementSibling.innerHTML =
errs[idx];

document.querySelector(`#${idx}`).nextElementSibling.classList.add('text-danger');

        }

    }

else {

    fname.nextElementSibling.innerHTML = "";

    lname.value = "";

    lname.nextElementSibling.innerHTML = "";

    lname.value = "";

    email.nextElementSibling.innerHTML = "";

    email.value = "";

    subject.nextElementSibling.innerHTML = "";

    subject.value = "";

    message.nextElementSibling.innerHTML = "";

    message.value = "";



return data;
```

```
    }

}

}

static insertNewProduct() {

    const name = document.querySelector("#name");
    const desc = document.querySelector("#desc");
    const price = document.querySelector("#price");
    const cat = document.querySelector("#cat");
    const brand = document.querySelector("#brand");
    const color = document.querySelector("#color");
    const img_normal = document.querySelector("#img_normal");
    const img_thumb = document.querySelector("#img_thumb");

    const invalid = document.querySelector('#add-product-invalid');

    if(img_normal.files[0] && img_thumb.files[0]) {
        invalid.innerHTML = "";
        // const usernameEmail = document.querySelector('#usernameEmail');
        // const password = document.querySelector('#password');
```

```
// const btn = document.querySelector('#login-user');

let errs = {};
const data = {};

name.value === "" ? errs.name = "Cannot be empty" :
name.nextElementSibling.innerHTML = "";

desc.value === "" ? errs.desc = "Cannot be empty" :
desc.nextElementSibling.innerHTML = "";

price.value === "" ? errs.price = "Cannot be empty" :
price.nextElementSibling.innerHTML = "";

data.name = name.value.trim();
data.desc = desc.value.trim();
data.price = price.value.trim();

if(Object.keys(errs).length > 0) {
    console.log(errs);
    for(let idx in errs) {
        console.log(idx);
        document.querySelector(`#${idx}`).nextElementSibling.innerHTML =
errs[idx];
    }
    document.querySelector(`#${idx}`).nextElementSibling.classList.add('text-danger');
}
else {
    const validator = new Validator(data, errs);
    errs = validator.insertImage();
```

```
if(Object.keys(errs).length > 0) {
    console.log(errs);
    for(let idx in errs) {
        console.log(errs);
        document.querySelector(`#${idx}`).nextElementSibling.innerHTML =
errs[idx];

document.querySelector(`#${idx}`).nextElementSibling.classList.add('text-danger');
    }
}

else {
    name.nextElementSibling.innerHTML = "";
    desc.nextElementSibling.innerHTML = "";
    price.nextElementSibling.innerHTML = "";

const img = img_normal.files[0];
const img2 = img_thumb.files[0];

const formData = new FormData();
formData.append('img_normal', img);
formData.append('img_thumb', img2);
formData.append('name', name.value);
formData.append('desc', desc.value);
formData.append('price', price.value);
formData.append('cat', cat.value);
formData.append('brand', brand.value);
formData.append('color', color.value);
```

```
    img_normal.value = "";
    img_thumb.value = "";
    name.value = "";
    desc.value = "";
    price.value = "";

    document.querySelector('#add-product-agree').checked = false;

    return formData;
}

}

}

else {
    invalid.innerHTML = "Must provide both images";
}

static updateProduct() {
```

```
const name = document.querySelector("#name");
const desc = document.querySelector("#desc");
const price = document.querySelector("#price");
const cat = document.querySelector("#cat");
const brand = document.querySelector("#brand");
const color = document.querySelector("#color");
const img_normal = document.querySelector("#img_normal");
const img_thumb = document.querySelector("#img_thumb");

const invalid = document.querySelector('#add-product-invalid');

const formData = new FormData();

if(img_normal.files[0]) {
    formData.append("img_normal", img_normal.files[0]);
}

if(img_thumb.files[0]) {
    formData.append('img_thumb', img_thumb.files[0]);
}

let errs = {};
const data = {};

name.value === "" ? errs.name = "Cannot be empty" :
name.nextElementSibling.innerHTML = "";

desc.value === "" ? errs.desc = "Cannot be empty" :
desc.nextElementSibling.innerHTML = "";
```



```
        else {
            name.nextElementSibling.innerHTML = "";
            desc.nextElementSibling.innerHTML = "";
            price.nextElementSibling.innerHTML = "";

            formData.append('name', name.value);
            formData.append('desc', desc.value);
            formData.append('price', price.value);
            formData.append('cat', cat.value);
            formData.append('brand', brand.value);
            formData.append('color', color.value);

            document.querySelector('#update-product-agree').checked = false;

            return formData;
        }
    }
}
```

```
class Storage {  
  
    static getOrders() {  
        let orders;  
  
        if(localStorage.getItem('orders') === null) {  
            orders = [];  
        }  
        else {  
            orders = JSON.parse(localStorage.getItem('orders'));  
        }  
        return orders;  
  
    }  
  
    static addOrderLine(orderLine) {  
  
        const orders = this.getOrders();  
        const newOrderLine = this.isOrderLineInStorage(orderLine);  
  
        if(newOrderLine) {  
            const idx = newOrderLine.idx;  
            orders[idx] = newOrderLine;  
        }  
        else {  
            orders.push(orderLine);  
        }  
    }  
}
```

```
    }

localStorage.setItem("orders", JSON.stringify(orders));
Helpers.productsInCart();

}

static isOrderLineInStorage(orderLine) {

    const orders = this.getOrders();

    for(let idx in orders) {
        if(orders[idx].prod_id === orderLine.prod_id) {

            orders[idx].quantity += orderLine.quantity;
            orders[idx].totalPrice += orderLine.totalPrice;
            orders[idx].idx = idx;

            return orders[idx];
        }
    }

    Helpers.productsInCart();
    return false;
}

static removeOrderLine(prodID) {
```

```
const orders = this.getOrders();

for(let idx in orders) {
    if(Number(orders[idx].prod_id) === prodID) {
        orders.splice(idx, 1);
    }
}

localStorage.setItem("orders", JSON.stringify(orders));
Async.initCart();
Helpers.productsInCart();

}

static removeOrders() {
    localStorage.removeItem('orders');
    Helpers.productsInCart();
}

}

Helpers.productsInCart();

if(Paths.location.indexOf('shop.php') !== -1) {
    Async.initShopProducts();
}
```

```
    Helpers.activeGrid();
    Helpers.shopModalAdd();
}

if(Paths.location.indexOf('admin-users.php') !== -1) {
    Async.initAdminUsers();
    Helpers.adminUsersModal();
    Helpers.activeGrid();
}

if(Paths.location.indexOf('admin-products.php') !== -1) {
    // console.log("HERE");
    Async.initAdminProducts();
    Helpers.activeGrid();
}

if(Paths.location.indexOf('admin-orders.php') !== -1) {
    Async.initAdminOrders();
    Helpers.activeGrid();
}

if(Paths.location.indexOf('product.php') !== -1) {
    Async.singleProduct();
    Helpers.productModalAdd();
    // Helpers.activeGrid();
}
```

```
if(Paths.location.indexOf('cart.php') !== -1) {
    Async.initCart();
    // Helpers.activeGrid();
}

if(Paths.location.indexOf('customer-orders.php') !== -1) {
    Async.initCustomerOrders();
    Helpers.activeGrid();
}

if(Paths.location.indexOf('customer.php') !== -1) {
    Async.initCustomerPoll();
}

if(Paths.location.indexOf('login.php') !== -1) {

    const login = document.querySelector("#login-user");
    login.addEventListener('click', e => {
        e.preventDefault();
        document.querySelector('#login-user').nextElementSibling.nextElementSibling.innerHTML = "";
        // VALIDATION
        const data = Listeners.login();
        if(data) {
            Async.initLogin(data);
        }
        // Async.initLogin();
    })
}
```

```
        });

    }

if(Paths.location.indexOf('register.php') !== -1) {
    const register = document.querySelector('#register-user');
    register.addEventListener('click', e => {
        e.preventDefault();
        document.querySelector('#register-
user').nextElementSibling.nextElementSibling.innerHTML = "";
        const data = Listeners.logout();
        Async.registerCustomer(data);
    });
}

if(Paths.location.indexOf('cart.php') !== -1) {
    const btn = document.querySelector("#cart-make-purchase");
    btn.addEventListener('click', e => {
        e.preventDefault();
        if(Storage.getOrders().length > 0) {
            Async.insertOrders();
        }
        else {
            document.querySelector('#cart-no-item').innerHTML = "Cart is empty";
        }
    });
}
```

```
}

if(Paths.location.indexOf('admin-product-add.php') !== -1) {
    const btn = document.querySelector('#submit');
    const check = document.querySelector('#add-product-agree');
    const invalid = document.querySelector('#add-product-invalid');
    btn.addEventListener('click', () => {
        if(!check.checked) {
            invalid.innerHTML = "You must agree first";
        }
        else {
            invalid.innerHTML = "";
            const formData = Listeners.insertNewProduct();
            if(formData) {
                Async.insertNewProduct(formData);
            }
        }
    });
}

if(Paths.location.indexOf('contact.php') !== -1) {
    const btn = document.querySelector("#contact-submit");
    btn.addEventListener('click', e => {
        e.preventDefault();
        const data = Listeners.contact();
        if(data) {
            Async.contact(data);
        }
    });
}
```

```

    });
}

if(Paths.location.indexOf('admin-messages.php') !== -1) {
    Async.initAdminMessages();
    Helpers.activeGrid();
}

if(Paths.location.indexOf('customer-messages.php') !== -1) {
    Async.initCustomerMessages();
    Helpers.activeGrid();
}

if(Paths.location.indexOf('admin-product-update.php') !== -1) {
    Async.initAdminUpdateProduct();
}

(() => {

    if(document.querySelector('#customer-id')) {
        // const userID = Number(document.querySelector('#customer-id').value);
        if(localStorage.getItem('userID')) {
            const userID = localStorage.getItem('userID');
            const logout = document.querySelector('#user-logout');
            logout.addEventListener('click', e => {
                e.preventDefault();
                Async.logoutCustomer(userID);
            });
        }
    }
})();

```

```
// const prodsID = document.querySelectorAll(".prod_id");
// const prodsQuantity = document.querySelectorAll(".prod_quantity");

// const prodID = [];
// const prodQuantity = []

// const products = [];

// prodsID.forEach((p, i) => {
//   console.log(i);
//   products.push({"id" : Number(p.value), "quantity" :
Number(prodsQuantity[i].value) });
//   prodID.push(Number(p.value));
//   prodQuantity.push(Number(prodsQuantity[i].value));
// });

// console.log(prodID);

// Helpers.productsInCart(prodID.length);
// if(prodID.length > 0) {
//   Async.selectProductsID(prodID, prodQuantity);
// }

}

})();
```

