

DOKUMENTACIJA

<http://mobishop.epizy.com/>

Web Programiranje PHP 1

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Smer: Internet tehnologije

Modul: Web programiranje

Predmet: Web programiranje PHP 1

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1. Uvod

1.1 Korišćeni programski jezici

Za izradu sajta korišćeni su HTML, SASS/CSS, JavaScript/jQuery, PHP i XML(sitemap).

Radno okruženje Visual Studio Code.

1.2 Opis funkcionalnosti

Za krajnjeg korisnika

- Pretraga uređaja
- Kreiranje naloga
- Popunjavanje ankete
- Kontaktiranje administratora preko kontakt forme
- Dodavanje proizvoda u korpu
- Kreiranje narudžbine

Za administratora

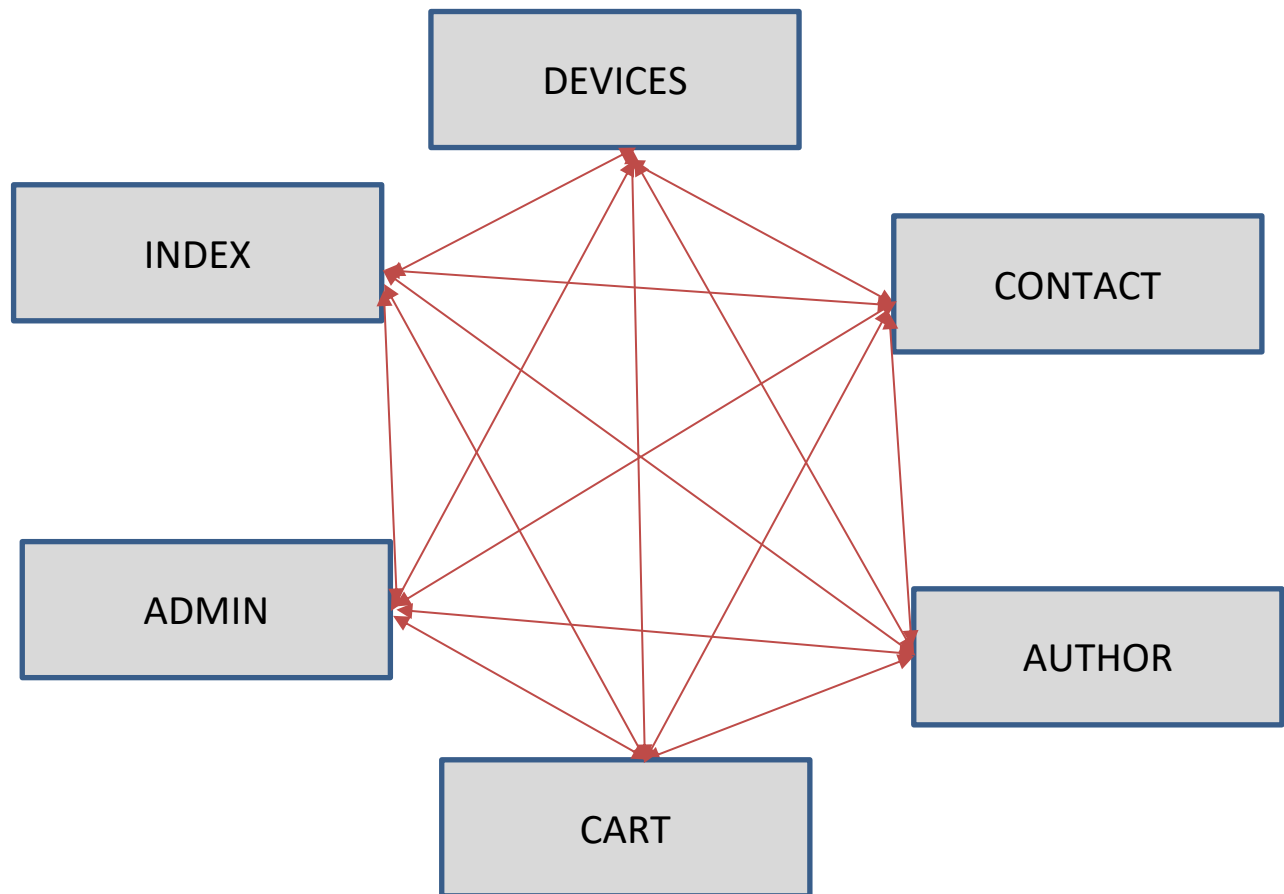
- Kreiranje, menjanje i brisanje korisnika, uređaja, brendova i operativnih sistema
- Menjanje i brisanje porudžbina
- Pristup porukama krajnjih korisnika i mogućnost da se izbrišu iz baze podataka

1.3 Template

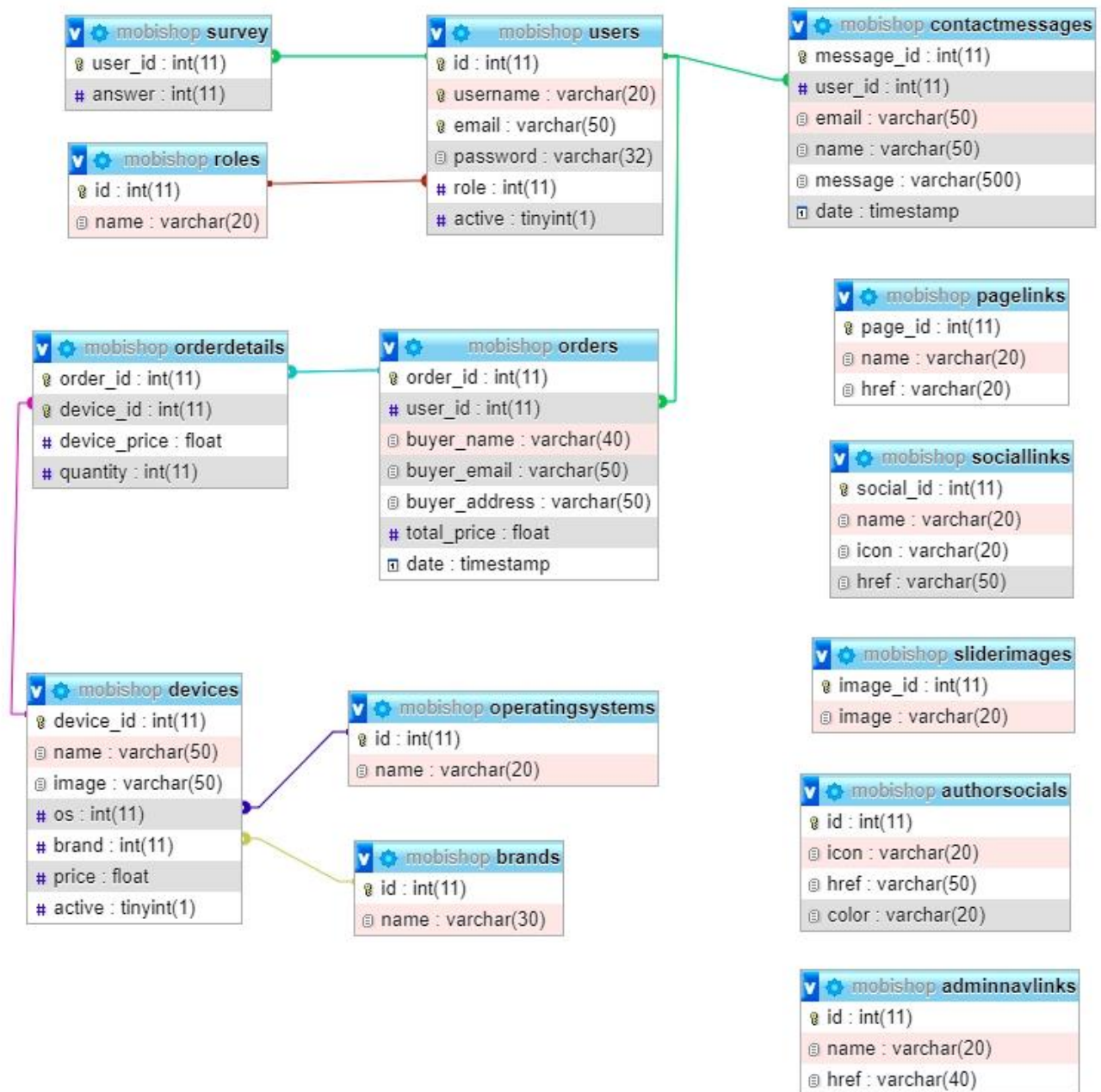
Za izradu sajta nije korišćen template.

2. Organizacija

2.1 Organizaciona šema



2.2 Baza podataka



2.3 Mapa sajta

```
<?xml version="1.0" encoding="UTF-8"?>
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
  <url>
    <loc>http://mobishop.epizy.com/index.php</loc>
    <lastmod>2021-03-08</lastmod>
    <changefreq>monthly</changefreq>
    <priority>0.8</priority>
  </url>
  <url>
    <loc>http://mobishop.epizy.com/devices.php</loc>
    <lastmod>2021-03-08</lastmod>
    <changefreq>monthly</changefreq>
    <priority>0.7</priority>
  </url><url>
    <loc>http://mobishop.epizy.com/contact.php</loc>
    <lastmod>2021-03-08</lastmod>
    <changefreq>monthly</changefreq>
    <priority>0.6</priority>
  </url><url>
    <loc>http://mobishop.epizy.com/author.php</loc>
    <lastmod>2021-03-08</lastmod>
    <changefreq>monthly</changefreq>
    <priority>0.5</priority>
  </url><url>
    <loc>http://mobishop.epizy.com/cart.php</loc>
    <lastmod>2021-03-08</lastmod>
    <changefreq>monthly</changefreq>
    <priority>0.6</priority>
  </url>
</urlset>
```


2.4 Slike stranica i opis funkcionalnosti

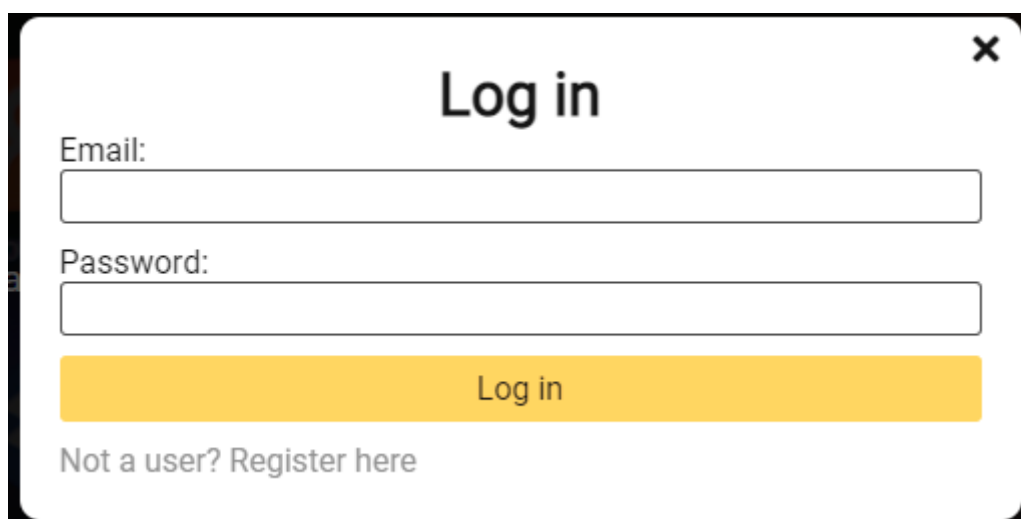
Na svim stranicama

Log in | Register

Welcome bojan55! Log out

Admin panel Welcome admin! Log out

Na vrhu svake stranice nalazi se traka za logovanje/registraciju. Ako korisnik nije ulogovan, na traci se nalaze linkovi za logovanje i registraciju. U koliko je korisnik ulogovan, na traci se ispisuje Poruka 'Welcome [username]!' i link koji omogućava korisniku da se izloguje. Dodatno, ako trenutni korisnik ima privilegije administratora, na traci će se pojaviti link za pristup Admin panelu.



Log in

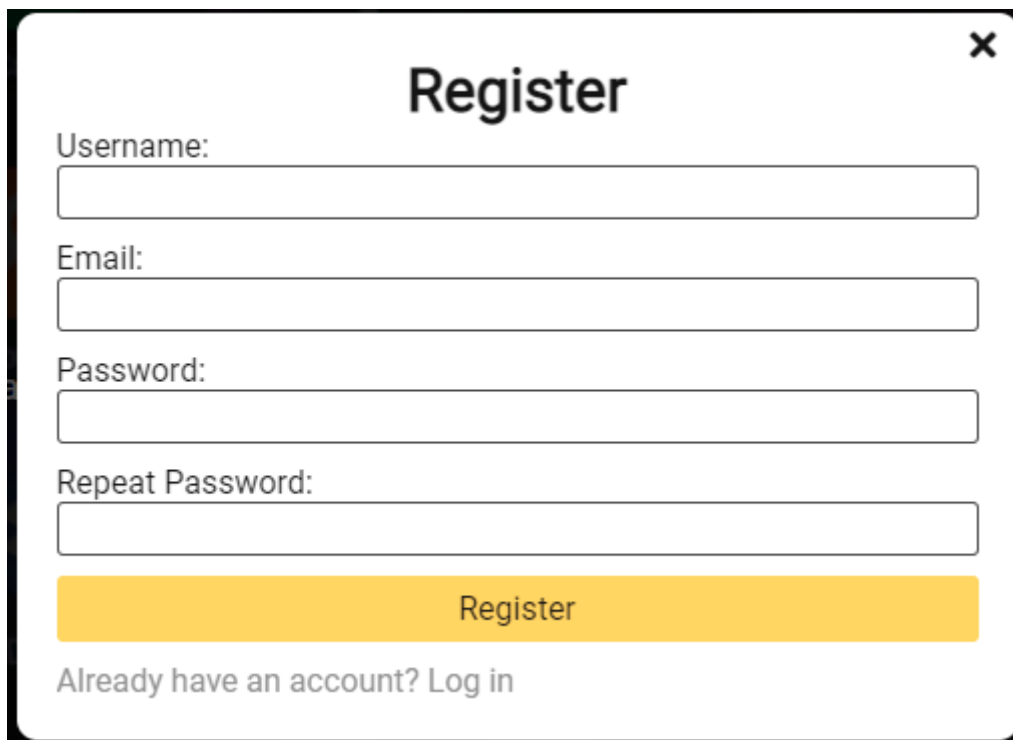
Email:

Password:

Log in

Not a user? Register here

Klikom na link 'Log in' otvara se modal sa poljima za unos email-a i lozinke, taster za logovanje i link za menjanje sadržaja modala u modal za registraciju. Unos korisnika se i sa klijentske i sa serverske strane proverava regularnim izrazima, i ako prođe proveru, sa serverske strane se proverava da li korisnik sa unetim email-om i lozinkom postoji. Ako postoji, kreira se sesija u koju se smeštaju podaci za odgovarajućeg korisnika i trenutna stranica na kojoj se korisnik nalazi se osvežava, a ako ne postoji, korisniku se otvara modal sa tekstom 'Invalid credentials.'

A modal window titled "Register" with a close button (X) in the top right corner. It contains four input fields: "Username:", "Email:", "Password:", and "Repeat Password:". Below the fields is a yellow "Register" button. At the bottom, there is a link that says "Already have an account? Log in".

Register

Username:

Email:

Password:

Repeat Password:

Register

Already have an account? [Log in](#)

Klikom na link 'Register' otvara se modal sa poljima za unos username-a, email-a i lozinke, taster za registraciju i link za menjanje sadržaja modala u modal za logovanje. Unos korisnika se i sa klijentske i sa serverske strane proverava regularnim izrazima, i ako prođe proveru, sa serverske strane se proverava da li korisnik sa unetim email-om ili username-om već postoji. Ako postoji, korisniku se otvara modal sa odgovarajućom porukom (username već postoji, email već postoji ili obe), a ako ne postoji, nalog se kreira u bazi podataka i korisniku se ispisuje poruka o uspešnom kreiranju naloga.



Ispod trake za logovanje nalazi se header, u kom su navigacioni meniji (meni na velikim i meni na malim rezolucijama) dinamički ispisani iz tabele u bazi podataka. U njemu se takođe nalazi i link za pristup korpi (stranica cart.php) u čijem uglu piše koliko se proizvoda trenutno nalazi u korpi (proizvodi u korpi se isčitavaju iz local storage-a).

Da bi korisnik pristupio korpi, on mora da bude ulogovan. U slučaju da nije, kad klikne na link za pristup korpu, otvara mu se modal sa porukom koja mu govori da mora da se uloguje.

Na dnu svake stranice nalazi se footer u kom se nalazi još jedan navigacioni meni učitani iz iste tabele kao i meniji u header-u kao i linkovi do socijalnih mreža i dokumentacije koji su takođe učitani iz tabele u bazi podataka.

How would you rate our service?

1 2 3 4 5

Submit



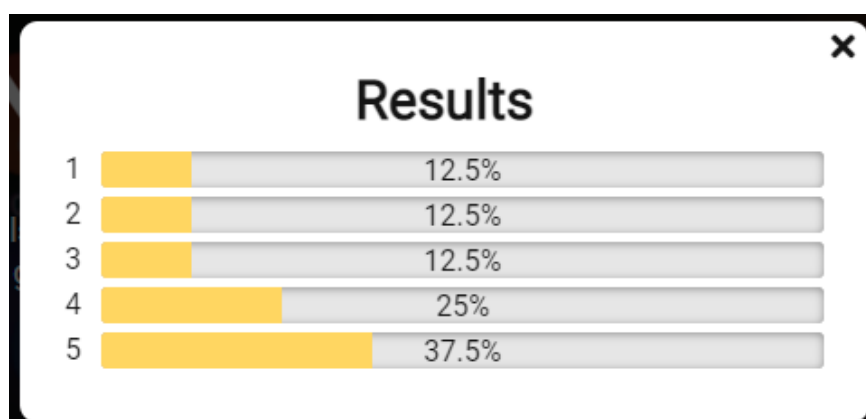
Thank you for completing our survey!

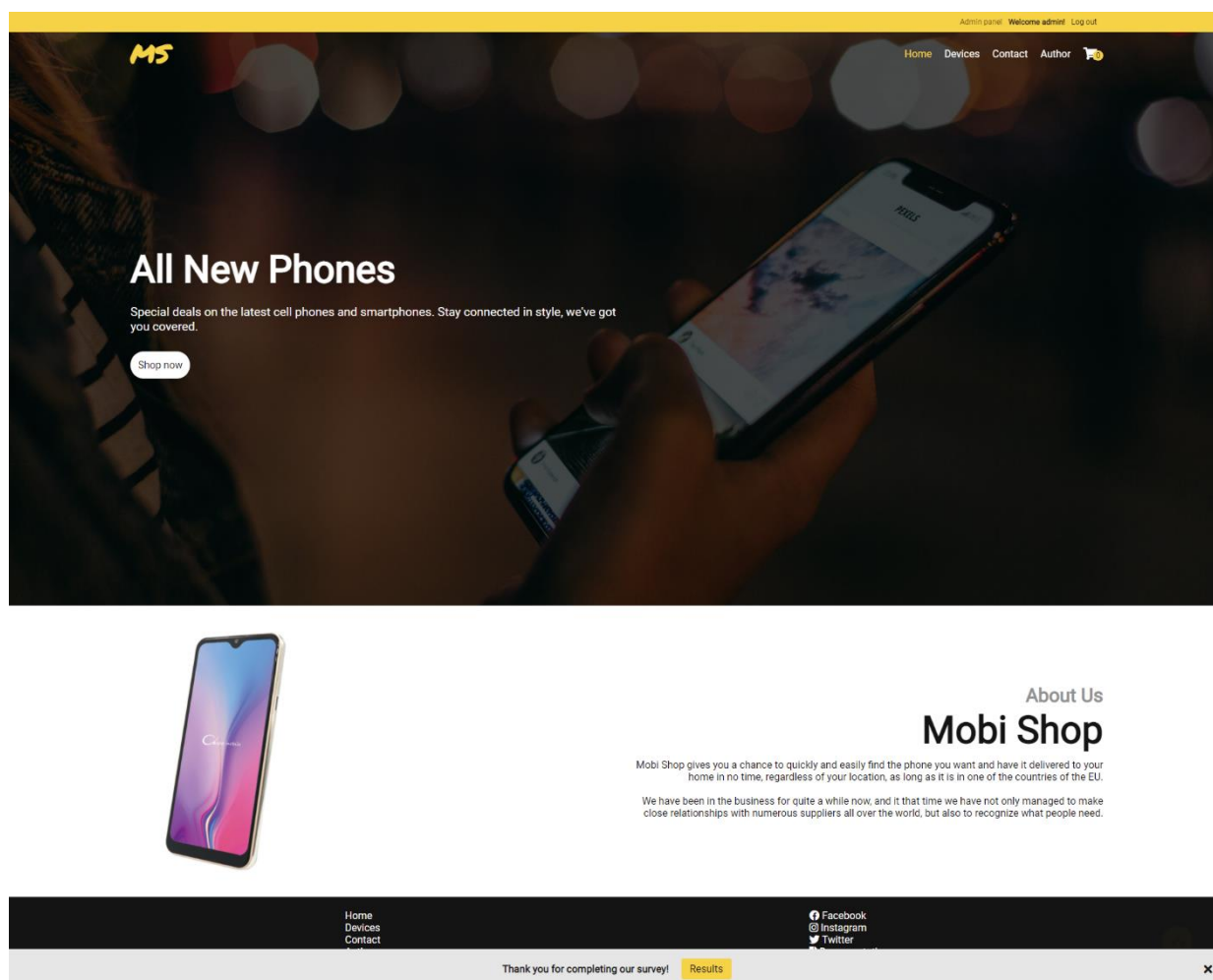
Results



Ako je korisnik ulogovan, na dnu stranice se još pojavljuje i traka za glasanje u anketi ili za pristup rezultatima ankete. Na traci se još nalazi i 'X' taster za zatvaranje trake, i ako korisnik klikne na taj taster, traka se zatvara i u sesiji se kreira svojstvo koje sprečava ponovno otvaranje trake dok se korisnik ne izloguje i ponovo uloguje.

U slučaju da korisnik nije već dao odgovor na anketu, odnosno da ne postoji red u tabeli 'survey' sa id-em tog korisnika, u traci će se nalaziti pitanje, nekoliko ponuđenih odgovora i taster za predavanje odgovora. U slučaju da korisnik proba da preda odgovor a da nije odabrao ni jednu opciju, ispisuje mu se modal sa porukom 'Please choose one of the options.'. U suprotnom, njegov odgovor se upisuje u tabelu u bazi podataka, stranica na kojoj se nalazi se osvežava i sadržaj trake se menja tako da sada pokazuje taster za uvid u rezultate ankete. Pritiskom na taster 'Results', otvara se modal u kom se ispisuje koliki procenat korisnika je glasao za koju opciju.





Na početnoj stranici se nalazi slider u kom su slike dinamički učitane iz tabele u bazi podataka.

MS

[Home](#)
[Devices](#)
[Contact](#)
[Author](#)


Search

Sort order


OS:
☐ Android
☐ iOS

Brand:
☐ Apple
☐ Honor
☐ Huawei
☐ Samsung


< 2000€




APPLE iPhone XS 512GB Silver
MT9M2SE/A
1500€




HONOR 10 64GB Phantom Green
7800429
350€




APPLE iPhone 11 Pro Max 256GB
Space gray
1600€



HUAWEI P30 Lite 256GB Breathing
Crystal
350€



APPLE iPhone 12 64GB Blue
1100€



HUAWEI Y5p 32GB Midnight Black
110€

< 1 2 3 4 >

[Home](#)
[Devices](#)
[Contact](#)

[Facebook](#)
[Instagram](#)
[Twitter](#)

Thank you for completing our survey!

Results

×

Na stranici devices.php nalazi se div za filtriranje I sortiranje prikazanih uređaja. Checkbox-ovi u ovom div-u su dinamički učitani iz baze podataka iz tabela 'operatingsystems' I 'brands'. Svi prikazani uređaji su takođe učitani iz baze podataka na osnovu izabranih filtera. Na ovoj stranici postoji straničenje.

Hoverovanjem cursorom preko nekog uređaja pojavljuje se taster za dodavanje u korpu. Klikom na njega odabrani uređaj se upisuje u local storage.

13

Admin panel | Welcome admin! | Log out

MS

Home | Devices | Contact | Author

Contact

If you wish to reach out to us, you can do so via social media, the information listed below, or by filling out the contact form.

+381 65/518-3225
bojan.maxim075@gmail.com

Contact form

Email:

Name:

Message:



Home | Devices | Contact

Facebook | Instagram | Twitter


Thank you for completing our survey! [Results](#) ×

Na stranici contact.php se nalazi forma za kontaktiranje administratora. Unos u formu se i sa klijentske i sa serverske strane proverava regularnim izrazima. Ako je sve pravilno uneto, uneti podaci i trenutni datum i vreme se upisuju u tabelu 'contactmessages' u bazi podataka. U slučaju da je korisnik bio ulogovan kad je poslao u poruku, u tabelu se takođe upisuje i ID tog korisnika, a u slučaju da nije, to polje dobija vrednost NULL.

[Admin panel](#) [Welcome admin!](#) [Log out](#)

 [Home](#) [Devices](#) [Contact](#) [Author](#) 

Author



Bojan Maksimović 92/19
Web Developer

[f](#) [@](#) [t](#)


My name is Bojan and I am an aspiring front-end web developer. My approach to website design is to create a website that strengthens your company's brand while ensuring ease of use and simplicity for your audience.

The way I look at it, a front-end developer's role is to combine design and business logic to achieve a user-facing product. To do this successfully, a wide skill set is necessary to produce a quality user experience that leads to meeting business goals, and I guarantee I've got exactly what's needed.

[PORTFOLIO](#)[Home](#) [Devices](#) [Contact](#)[Facebook](#)
[Instagram](#)
[Twitter](#)Thank you for completing our survey! [Results](#) ×

Na stranici author.php, linkovi do autorovih socijalnih mreža se učitavaju iz tabele 'authorsocials' iz baze podataka.

MS

[Home](#)
[Devices](#)
[Contact](#)
[Author](#)


Admin panel | Welcome admin! | Log out

Device name	Price	Quantity	
APPLE iPhone XS 512GB Silver MT9M2SE/A	1500€	<div>-</div> 1 <div>+</div>	-
APPLE iPhone 12 64GB Blue	1100€	<div>-</div> 1 <div>+</div>	-

Full name:

Email:

Address:

Total Price: 2600€

Checkout

[Home](#)
[Devices](#)
[Contact](#)

[Facebook](#)
[Instagram](#)
[Twitter](#)

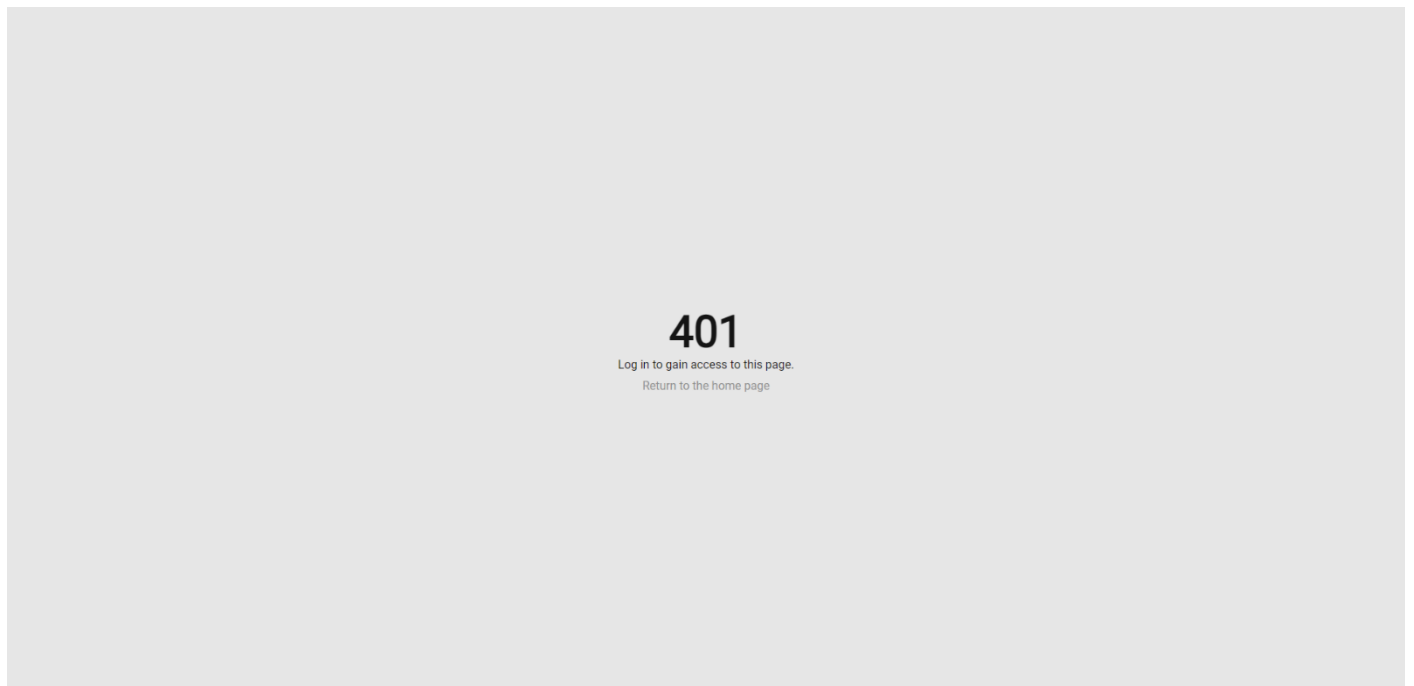
Thank you for completing our survey!

Results

×

Na stranici cart.php, u slučaju da korisnik proba da joj pristupi preko url adrese, proverava se da li je korisnik ulogovan. U slučaju da nije, korisnik se redirektuje na 401.php stranicu koja mu govori da nema pristup stranici dok se ne uloguje.

Ako je korisnik ulogovan i uspešno je pristupio stranici, ispisuje mu se tabela sa svim uređajima koji se nalaze u korpi i div sa formom za kreiranje porudžbine. Uneti sadržaj u formi se proverava regularnim izrazima sa klijentske i serverske strane, i ako je forma ispravno popunjena, korpa se prazni i uneti podaci sa sve ID-em korisnika se unose u tabelu 'orders', a svi naručeni uređaji sa njihovim cenama i količinama se unose u svoje zasebne redove u tabeli 'orderdetails' I svi dobijaju kolonu u koju se automatski upisuje ID kreirane porudžbine.



Stranica na koju se korisnici redirekturu u slučaju da probaju da pristupe stranici kojoj nemaju pristup dok se ne uloguju.

[illegible]

Stranici `admin.php` imaju pristup samo korisnici sa administratorskim privilegijama. U slučaju da stranici proba da pristupi korisnik kome to nije dozvoljeno, server mu vraća response kod 404 (Ne vraća kod 403 ili 401 jer želimo da sakrijemo postojanje ove stranice). Ovo je stranica koju administratori koriste da upravljaju dinamičkim delom sajta. Ova stranica ima svoj navigacioni

meni koji se učitava iz baze podataka iz tabele adminnavlinks. Klikom na link u meniju sadržaj stranice se menja tako da prikazuje izabrane podatke. Dolaskom na ovu stranicu, link 'Admin panel' u traci za logovanje nestaje i pojavljuje se link 'Return to site' koji klikom na njega vodi korisnika na index.php stranicu.

Users

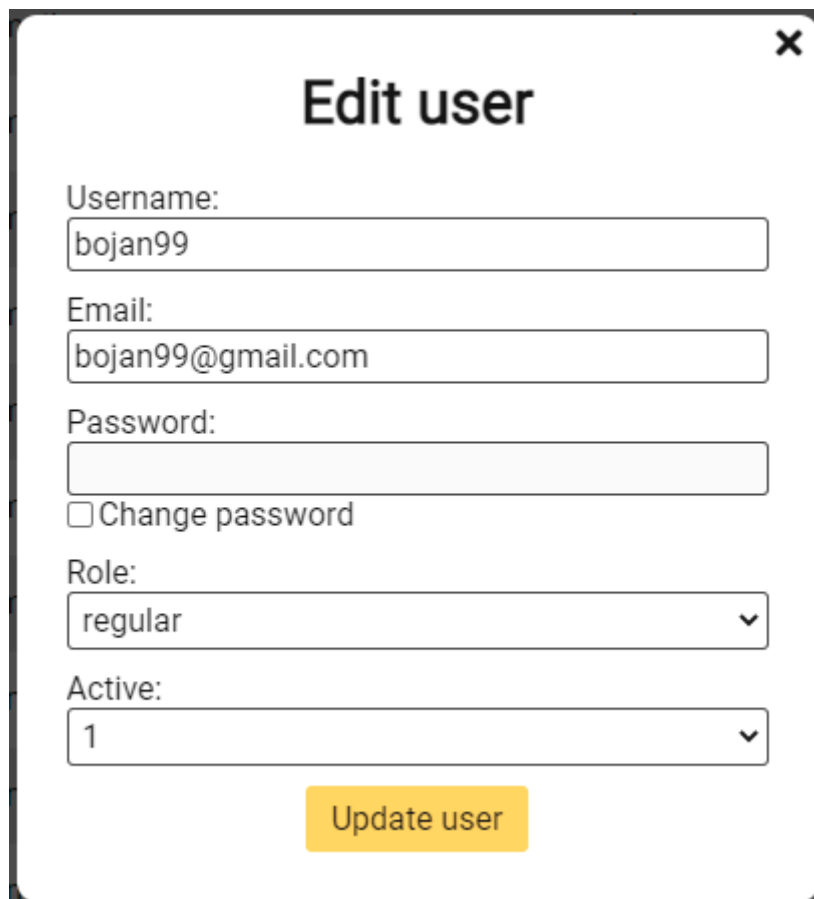
ID	Username	Email	Role	Active	Actions
2	bojan55	bojan@gmail.com	regular	1	Edit Delete
3	bojan66	bojan66@gmail.com	regular	0	Edit Delete
4	bojan77	bojan77@gmail.com	regular	1	Edit Delete
5	bojan88	bojan88@gmail.com	regular	1	Edit Delete
6	bojan99	bojan99@gmail.com	regular	1	Edit Delete
7	bojan11	bojan11@gmail.com	regular	1	Edit Delete
8	bojan22	bojan22@gmail.com	regular	1	Edit Delete
9	bojan33	bojan33@gmail.com	regular	1	Edit Delete
10	bojan111	bojan111@gmail.com	regular	1	Edit Delete
11	bojan222	bojan222@gmail.com	regular	1	Edit Delete
12	bojan333	bojan333@gmail.com	regular	1	Edit Delete
13	bojan444	bojan444@gmail.com	regular	1	Edit Delete
15	admin	admin@gmail.com	admin	1	
27	bojan44	bojan44@gmail.com	regular	1	Edit Delete

[Add new user](#)

U delu za upravljanje sa korisnicima ispisuje se tabela sa svim korisnicima i njihovim informacijama. U tabeli postoji i kolona sa tasterima 'Edit' i 'Delete' (osim u redu trenutno ulogovanog korisnika) i ispod tabele se nalazi taster 'Add new user'.



Klikom na taster 'Delete', korisniku se pojavljuje modal gde mu se traži da potvrdi brisanje sa tasterom 'Yes', ili da odustane od njega sa tasterom 'No'. Ako odabere 'Yes', red za izabranog korisnika iz tabele users u bazi podataka se briše, modal se zatvara i sada promenjena tabela sa korisnicima se ispočetka ispisuje na stranici. Pritiskom na taster 'No', modal se zatvara.

The image shows a modal window titled "Edit user" with a close button (X) in the top right corner. The form contains the following fields: "Username:" with a text input containing "bojan99"; "Email:" with a text input containing "bojan99@gmail.com"; "Password:" with a disabled text input; a checkbox labeled "Change password" which is unchecked; "Role:" with a dropdown menu showing "regular"; and "Active:" with a dropdown menu showing "1". At the bottom center is a yellow button labeled "Update user".

Edit user

Username:
bojan99

Email:
bojan99@gmail.com

Password:

☐ Change password

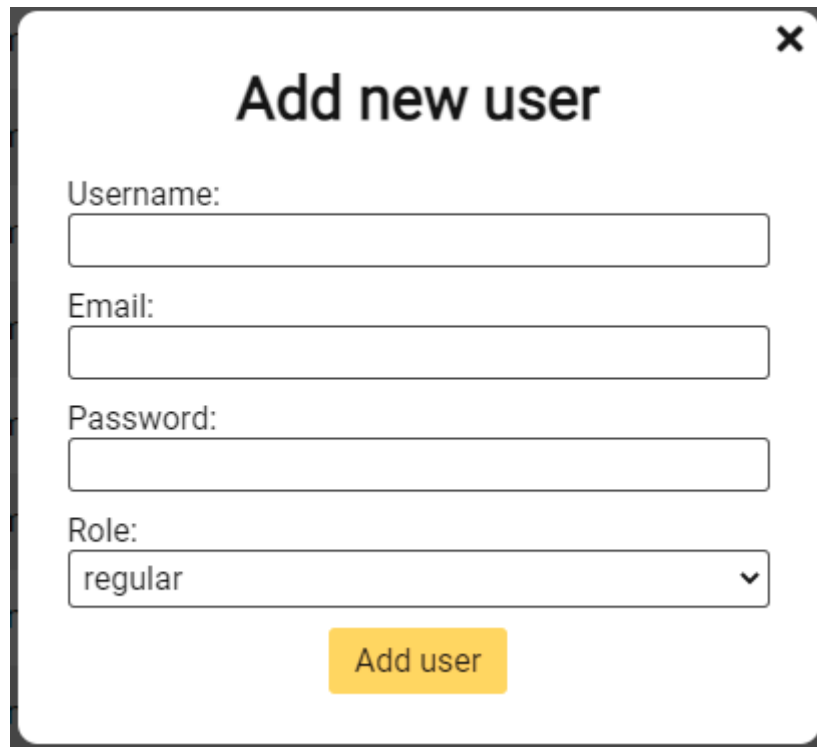
Role:
regular

Active:
1

Update user

Klikom na taster 'Edit', korisniku se otvara modal sa formom za menjanje odabranog korisnika. Sva polja u formi osim polja za lozinku se automatski popunjavaju sa podacima koji važe za odabranog korisnika. Polje za lozinku je po default-u disable-ovano i da bi se enable-ovalo korisnik mora da čekira 'Change password' checkbox.

Klikom na taster 'Update user', uneti podaci se prvo sa klijentske strane proveravaju regularnim izrazima (polje 'Password' se ne proverava osim ako checkbox 'Change password' nije čekiran) i ako ta provera prođe, onda se šalju serveru na istu proveru. Na serveru se takođe vrši i provera da li korisnik sa istim email-om ili username-om već postoji, i ako postoji, korisniku se prikazuje modal sa odgovarajućom porukom. Ako podaci prođu i proveru na serveru, red u tabeli users se update-uje sa unetim vrednostima.



A modal form titled "Add new user" with a close button (X) in the top right corner. The form contains four input fields: "Username:", "Email:", "Password:", and "Role:". The "Role:" field is a dropdown menu currently showing "regular". Below the fields is a yellow "Add user" button.

Add new user

Username:

Email:

Password:

Role:

Add user

Klikom na taster 'Add new user', korisniku se otvara forma za dodavanje novog korisnika. Provera ove forme se vrši na isti način kao i provera forme za izmenu korisnika.



Devices

Name	Image	OS	Brand	Price	Active	Actions
APPLE iPhone XS 512GB Silver MT9M2SE/A	iPhone_XS_512GB_Silver.png	iOS	Apple	1500€	1	Edit Delete
HONOR 10 64GB Phantom Green 7800429	HONOR_10_64GB_Phantom_Green.png	Android	Honor	350€	1	Edit Delete
APPLE iPhone 11 Pro Max 256GB Space gray	iPhone_11_Pro_Max_256GB_Space_gray.png	iOS	Apple	1600€	1	Edit Delete
HUAWEI P30 Lite 256GB Breathing Crystal	HUAWEI_P30_Lite_256GB_Breathing_Crystal.png	Android	Huawei	350€	1	Edit Delete
APPLE iPhone 12 64GB Blue	iPhone_12_64GB_Blue.png	iOS	Apple	1100€	1	Edit Delete
HUAWEI Y5p 32GB Midnight Black	HUAWEI_Y5p_32GB_Midnight_black.png	Android	Huawei	110€	1	Edit Delete
HONOR 8A 32GB Black 51093WGU	HONOR_8A_32GB_Black.png	Android	Honor	140€	1	Edit Delete
SAMSUNG GALAXY Z FLIP 256GB Mirror Black SM-F700FZ	SAMSUNG_GALAXY_Z_FLIP_256GB_Mirror_black.png	Android	Samsung	1200€	1	Edit Delete
SAMSUNG GALAXY A20s 32GB Blue SM-A207FZBDEUF	SAMSUNG_GALAXY_A20s_32GB_Blue.png	Android	Samsung	200€	1	Edit Delete
APPLE iPhone 11 Pro Max 64GB Green MWHH2SE/A	iPhone_11_Pro_Max_64GB_Green.png	iOS	Apple	1350€	1	Edit Delete
HONOR 9A 64GB Black	HONOR_9A_64GB_Black.png	Android	Honor	170€	1	Edit Delete
HONOR 20 128GB Midnight black 51093VCM	HONOR_20_128GB_Midnight_black.png	Android	Honor	400€	1	Edit Delete
HUAWEI Y6p 64GB Emerald Green	HUAWEI_Y6p_64GB_Emerald_Green.png	Android	Huawei	190€	1	Edit Delete
HUAWEI P40 Pro 256GB Black	HUAWEI_P40_Pro_256GB_Black.png	Android	Huawei	1200€	1	Edit Delete
SAMSUNG GALAXY A20e 32GB DS Orange SM-A202FZ0DSEE	SAMSUNG_GALAXY_A20e_32GB_DS_Orange.png	Android	Samsung	410€	1	Edit Delete
SAMSUNG GALAXY A21s 32GB Blue SM-A217FZBNEUF	SAMSUNG_GALAXY_A21s_32GB_Blue.png	Android	Samsung	200€	1	Edit Delete
APPLE iPhone SE 128GB Red	iPhone_SE_128GB_Red.png	iOS	Apple	650€	1	Edit Delete
APPLE iPhone 11 Pro Max 256GB Gold	iPhone_11_Pro_Max_256GB_Gold.png	iOS	Apple	1600€	1	Edit Delete
HUAWEI P30 Lite 256GB Midnight Black	HUAWEI_P30_Lite_256GB_Midnight_Black.png	Android	Huawei	350€	1	Edit Delete
SAMSUNG GALAXY S20 Ultra Cloud White	SAMSUNG_GALAXY_S20_Ultra_Cloud_White.png	Android	Samsung	1400€	1	Edit Delete
HUAWEI P Smart (2021) 128GB Blush Gold	HUAWEI_P_Smart_(2021)_128GB_Blush_gold.png	Android	Huawei	240€	1	Edit Delete
HONOR 7S 16GB Black 51094ABU	HONOR_7S_16GB_Black.png	Android	Honor	90€	1	Edit Delete
SAMSUNG GALAXY NOTE 20 Mystic Grey SM-N980FZAGEUF	SAMSUNG_GALAXY_NOTE_20_Mystic_Grey.png	Android	Samsung	1100€	1	Edit Delete
HONOR 9S 32GB Black	HONOR_9S_32GB_Black.png	Android	Honor	100€	1	Edit Delete

[Add new device](#)


Deo za upravljanje uređajima radi na istom principu kao u deo za upravljanje korisnicima.



Brands

Name	Actions
Apple	Edit Delete
Honor	Edit Delete
Huawei	Edit Delete
Samsung	Edit Delete

[Add new brand](#)

Deo za upravljanje brendovima radi na istom principu kao u deo za upravljanje korisnicima.

Operating systems

Name	Actions
Android	Edit Delete
iOS	Edit Delete

[Add new OS](#)

Deo za upravljanje operativnim sistemima radi na istom principu kao u deo za upravljanje korisnicima.



Orders

User ID	Buyer name	Buyer email	Buyer address	Total price	Date	Actions
15	Bojan Maksimović	bojan@gmail.com	Cingrijina 13	4050€	2021-02-26 18:00:00	Edit Delete
15	Bojan Maksimović	bojan@gmail.com	Cingrijina 13	1470€	2021-02-26 18:00:00	Edit Delete
2	Bojan Maksimović	bojan@gmail.com	Ljubljanska 11	990€	2021-02-27 18:00:00	Edit Delete
15	Bojan Maksimovic	bojan@gmail.com	Ljubljanska 11	3050€	2021-02-27 18:00:00	Edit Delete
15	Bojan Maksimović	bojan@gmail.com	Cingrijina 13	570€	2021-02-27 18:00:00	Edit Delete
2	Bojan Maksimović	bojan@gmail.com	Cingrijina 13	1100€	2021-02-28 18:00:00	Edit Delete
	Bojan Maksimović	bojan1234@gmail.com	Cingrijina 13	810€	2021-03-03 06:07:38	Edit Delete
	Bojan Maksimović	bojan1234@gmail.com	Cingrijina 13	3100€	2021-03-03 11:25:12	Edit Delete

Deo za upravljanje porudžbinama radi na istom principu kao u deo za upravljanje korisnicima osim što nema taster za kreiranje nove porudžbine.

Messages

[illegible]

Delete message

```
User ID: 4  
Email: bojan77@gmail.com  
Name: Bojan Maksimović  
Message:  
bbbbbbbbb  
Date: 2021-03-02 06:52:59
```

Delete message

[illegible]

Delete message

U delu za upravljanje sa porukama, poruke koje su upisane u bazu preko kontakt forme na stranici `contact.php` se ispisuju u zasebnim `div`-ovima sa sve tasterom 'Delete message' koji radi na istom principu kao i 'Delete' tasteri na ostalim delovima stranice.

3. Kodovi

3.1 PHP

index.php

```
<?php
    session_start();
    include("assets/php/connection/connection.php");
    include("assets/php/functions.php");
    userStillExists();
?>
<!DOCTYPE html>
<html lang="en">
    <head>
        <title>Mobi Shop | Home</title>
        <meta name="keywords" content="Mobi Shop, smartphones, cell phones, Shop, Home"/>
        <meta name="description" content="Mobi Shop gives you a chance to quickly and easily find the phone you want and have it delivered to your home in no time..."/>
        <?php
            include("assets/php/pages/head-content.php");
        ?>
    </head>
    <body>
        <?php
            include("assets/php/pages/header.php");
            include("assets/php/pages/survey.php");
        ?>
        <section id="slider">
            <div class="cover">
                <div class="container">
                    <div id="sliderText">
                        <h2 class="font-xxl">All New Phones</h2>
                        <p class="font-medium">Special deals on the latest cell phones and smartphones. Stay connected in style, we've got you covered.</p>
                        <a href="devices.php" class="font-small">Shop now</a>
                    </div>
                </div>
            </div>
            <?php
                printSliderImages();
            ?>
        </section>
        <section id="aboutUs" class="bgWhite">
            <div class="container">
                <div id="aboutUsImage">
                    
                </div>
                <div id="aboutUsText">
                    <h3 class="font-large">About Us</h3>
                    <h4 class="font-xxl">Mobi Shop</h4>
                </div>
            </div>
        </section>
    </body>
</html>
```

```

        <p class="font-
small">Mobi Shop gives you a chance to quickly and easily find the phone you want and have
it delivered to your home in no time, regardless of your location, as long as it is in on
e of the countries of the EU.</p>
        <br/>
        <p class="font-
small">We have been in the business for quite a while now, and it that time we have not on
ly managed to make close relationships with numerous suppliers all over the world, but als
o to recognize what people need.</p>
    </div>
</div>
</section>
<?php
    include("assets/php/pages/footer.php");
?>
<script type="text/javascript" src="assets/js/home.min.js"></script>
</body>
</html>

```

devices.php

```
<?php
    session_start();
    include("assets/php/connection/connection.php");
    include("assets/php/functions.php");
    userStillExists();
?>
<!DOCTYPE html>
<html lang="en">
    <head>
        <title>Mobi Shop | Devices</title>
        <meta name="keywords" content="Mobi Shop, smartphones, Android, iOS, Devices"/>
        <meta name="description" content="Mobi Shop gives you a chance to quickly and easily find the phone you want and have it delivered to your home in no time..."/>
        <?php
            include("assets/php/pages/head-content.php");
        ?>
    </head>
    <body>
        <?php
            include("assets/php/pages/header.php");
            include("assets/php/pages/survey.php");
        ?>
        <section id="devicesMain" class="bgWhite main">
            <div class="container">
                <div id="filters">
                    <form>
                        <div class="formGroup">
                            <input type="text" name="tbSearch" id="tbSearch" class="font-small textField" placeholder="Search" autocomplete="off"/>
                        </div>
                        <div class="formGroup">
                            <select name="ddlOrder" id="ddlOrder" class="textField font-small filterAction">
                                <option value="0">Sort order</option>
                                <option value="nameAZ">Name A-Z</option>
                                <option value="nameZA">Name Z-A</option>
                                <option value="priceASC">Price Ascending</option>
                                <option value="priceDESC">Price Descending</option>
                            </select>
                        </div>
                        <div id="chbGroups">
                            <?php
                                printChbGroup('OS', 'operatingsystems');
                                printChbGroup('Brand', 'brands');
                            ?>
                        </div>
                        <div class="formGroup">
                            <input type="range" name="rnPrice" id="rnPrice" min="0" max="2000" value="2000" class="filterAction"/>
                            <label id="priceRange" class="font-small"></label>
                        </div>
                    </form>
                </div>
            </div>
        </section>
    </body>
</html>
```

```
        </div>
    </form>
</div>
<div id="devicesContainer">
</div>
</div>
</section>
<?php
    include("assets/php/pages/footer.php");
?>
<script type="text/javascript" src="assets/js/devices.min.js"></script>
</body>
</html>
```

contact.php

```
<?php
    session_start();
    include("assets/php/connection/connection.php");
    include("assets/php/functions.php");
    userStillExists();
?>
<!DOCTYPE html>
<html lang="en">
    <head>
        <title>Mobi Shop | Contact</title>
        <meta name="keywords" content="Mobi Shop, smartphones, cell phones, Form, Contact"
    />
        <meta name="description" content="If you wish to reach out to us, you can do so via social media, the information listed below, or by filling out the contact form."/>
    <?php
        include("assets/php/pages/head-content.php");
    ?>
</head>
<body>
    <?php
        include("assets/php/pages/header.php");
        include("assets/php/pages/survey.php");
    ?>
    <section id="contactMain" class="bgWhite main">
        <div class="heading">
            <h2 class="font-xl">Contact</h2>
            <span class="underline"></span>
        </div>
        <div class="container">
            <div id="contactText" class="contactCol">
                <p class="font-small">If you wish to reach out to us, you can do so via social media, the information listed below, or by filling out the contact form.</p>
                <ul>
                    <li class="font-small">
                        <i class="fas fa-phone"></i>
                        <span>+381 65/518-3225</span>
                    </li>
                    <li class="font-small">
                        <i class="fas fa-envelope"></i>
                        <span>bojan.maxim075@gmail.com</span>
                    </li>
                </ul>
            </div>
            <div id="contactForm" class="contactCol">
                <div class="heading">
                    <h2 class="font-large">Contact form</h2>
                </div>
                <form>
                    <div class="formGroup">
```



```

        <label for="tbEmail" class="font-small">Email:</label>
        <input type="email" name="tbEmail" id="tbEmail" class="font-
small textField" autocomplete="off"/>
        <label class="errorMessage font-
small">examplename@example.com</label>
    </div>
    <div class="formGroup">
        <label for="tbName" class="font-small">Name:</label>
        <input type="text" name="tbName" id="tbName" class="font-
small textField" autocomplete="off"/>
        <label class="errorMessage font-small">
            <ul>
                <li>- A name cannot have less than 3 characters</li>
                <li>- Each word of your name must be capitalized</li>
            </ul>
        </label>
    </div>
    <div class="formGroup">
        <label for="tbMessage" class="font-small">Message:</label>
        <textarea name="tbMessage" id="tbMessage" cols="30" rows="10"
class="font-small textField" maxlength="500"></textarea>
        <label class="errorMessage font-
small">Your message (without spacing characters) cannot be shorter than 20 characters or 1
onger than 500 characters in total.</label>
    </div>
    <span class="textCenter">
        <button name="btnSend" id="btnSend" class="btnPrimary">
            <i class="fas fa-paper-plane font-small"></i>
        </button>
    </span>
</form>
</div>
</div>
</section>
<?php
    include("assets/php/pages/footer.php");
?>
<script type="text/javascript" src="assets/js/contact.min.js"></script>
</body>
</html>

```

author.php

```
<?php
    session_start();
    include("assets/php/connection/connection.php");
    include("assets/php/functions.php");
    userStillExists();
?>
<!DOCTYPE html>
<html lang="en">
    <head>
        <title>Mobi Shop | Author</title>
        <meta name="keywords" content="Mobi Shop, smartphones, cell phones, Portfolio, Author"/>
        <meta name="description" content="My name is Bojan and I am an aspiring front-end web developer. My approach to website design is to create a website..."/>
        <?php
            include("assets/php/pages/head-content.php");
        ?>
    </head>
    <body>
        <?php
            include("assets/php/pages/header.php");
            include("assets/php/pages/survey.php");
        ?>
        <section id="authorMain" class="bgWhite main">
            <div class="heading">
                <h2 class="font-xl">Author</h2>
                <div class="underline"></div>
            </div>
            <div class="container">
                <div id="authorInfo" class="authorCol">
                    <div id="authorImage">
                        
                    </div>
                    <span class="font-medium bold">Bojan Maksimović 92/19</span>
                    <span class="font-small">Web Developer</span>
                    <span id="authorSocial">
                        <ul>
                            <?php
                                printAuthorSocials();
                            ?>
                        </ul>
                    </span>
                </div>
                <div id="authorText" class="authorCol">
                    <p class="font-small">My name is Bojan and I am an aspiring front-end web developer. My approach to website design is to create a website that strengthens y our company's brand while ensuring ease of use and simplicity for your audience.</p>
                    <br/>
                    <p class="font-small">The way I look at it, a front-end developer's role is to combine design and business logic to achieve a user-
```

facing product. To do this successfully, a wide skill set is necessary to produce a quality user experience that leads to meeting business goals, and I guarantee I've got exactly what's needed.</p>

```
<div class="portfolioLink">
  <a href="https://bokule.github.io/portfolio/" target="_blank" class="font-small uppercase btnPrimary">Portfolio</a>
</div>
</div>
</section>
<?php
  include("assets/php/pages/footer.php");
?>
</body>
</html>
```

cart.php

```
<?php
    session_start();
    include("assets/php/connection/connection.php");
    include("assets/php/functions.php");
    userStillExists();
    if(!isset($_SESSION['user'])) {
        header('Location: 401.php');
    }
?>
<!DOCTYPE html>
<html lang="en">
    <head>
        <title>Mobi Shop | Cart</title>
        <meta name="keywords" content="Mobi Shop, smartphones, cell phones, Checkout, Cart
"/>
        <meta name="description" content="Mobi Shop gives you a chance to quickly and easi
ly find the phone you want and have it delivered to your home in no time..."/>
        <?php
            include("assets/php/pages/head-content.php");
        ?>
    </head>
    <body>
        <?php
            include("assets/php/pages/header.php");
            include("assets/php/pages/survey.php");
        ?>
        <section id="cartMain" class="bgWhite main">
            <div class="container">
                <div id="cartList" class="tableWrapper">
                    <table class="font-small table" cellspacing="0">
                        <thead>
                            <tr>
                                <td class="colDeviceName">Device name</td>
                                <td class="colPrice">Price</td>
                                <td class="colQuantity">Quantity</td>
                                <td class="colRemove"><i class="fas fa-trash"></i></td>
                            </tr>
                        </thead>
                        <tbody>
                        </tbody>
                    </table>
                </div>
                <div id="checkout">
                    <form>
                        <div class="formGroup">
                            <label for="tbName" class="font-small">Full name:</label>
                            <input type="text" name="tbName" id="tbName" class="textField
font-small" autocomplete="off"/>
                            <label class="errorMessage">
                                <ul class="font-small">
```

```

        <li>- A name cannot have less than 3 characters</li>
        <li>- Has to be at least 2 words</li>
        <li>- Each word must be capitalized</li>
    </ul>
    </label>
</div>
<div class="formGroup">
    <label for="tbEmail" class="font-small">Email:</label>
    <input type="email" name="tbEmail" id="tbEmail" class="textField font-small" autocomplete="off"/>
    <label class="errorMessage font-small">example@example.com</label>
</div>
<div class="formGroup">
    <label for="tbAddress" class="font-small">Address:</label>
    <input type="text" name="tbAddress" id="tbAddress" class="textField font-small" autocomplete="off"/>
    <label class="errorMessage font-small">[Street Name] [Home Number]/[Apartment Number]</label>
</div>
</form>
<br/>
<span id="totalPrice" class="font-small">Total Price: <span class="bold"></span></span>
<br/>
<button id="btnCheckout" class="font-small btnPrimary">Checkout</button>
</div>
</div>
</section>
<?php
    include("assets/php/pages/footer.php");
?>
<script type="text/javascript" src="assets/js/cart.min.js"></script>
</body>
</html>

```

admin.php

```
<?php
    session_start();
    include("assets/php/connection/connection.php");
    include("assets/php/functions.php");
    userStillExists();
    redirectTo404();
?>
<!DOCTYPE html>
<html lang="en">
    <head>
        <title>Mobi Shop | Admin panel</title>
        <?php
            include("assets/php/pages/head-content.php");
        ?>
    </head>
    <body>
        <?php
            include("assets/php/pages/admin-header.php");
        ?>
        <div id="adminMain">
            <div class="container">
                </div>
            </div>
            <?php
                include("assets/php/pages/scripts.php");
            ?>
            <script type="text/javascript" src="assets/js/admin.min.js"></script>
        </body>
    </html>
```

401.php

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <title>Unauthorized</title>
    <?php
      include("assets/php/pages/head-content.php");
    ?>
  </head>
  <body>
    <div id="errorPage">
      <div class="container">
        <h1 class="font-xxl">401</h1>
        <p class="font-small">Log in to gain access to this page.</p>
        <a href="index.php" class="font-small">Return to the home page</a>
      </div>
    </div>
  </body>
</html>
```

functions.php

```
<?php
// UNIVERSAL
function fetchAllFromDatabase($table) {
    global $connection;
    $query = "SELECT * FROM $table";
    return $connection->query($query)->fetchAll();
}

function fetchFromDatabase($query) {
    global $connection;
    return $connection->query($query)->fetchAll();
}

// LOGIN
function userStillExists() {
    if(isset($_SESSION['user'])) {
        if(!userExists($_SESSION['user']->id, 'id')) {
            unset($_SESSION['user']);
        }
    }
}

function userExists($value, $column) {
    global $connection;
    $query = "SELECT * FROM users WHERE $column = :$column";
    $execution = $connection->prepare($query);
    $execution->bindParam(":$column", $value);
    $execution->execute();
    $result = $execution->fetch();
    return $result;
}

function getUser($email, $password) {
    global $connection;
    $query = "SELECT * FROM users WHERE email = :email AND password = :password";
    $execution = $connection->prepare($query);
    $execution->bindParam(":email", $email);
    $execution->bindParam(":password", $password);
    $execution->execute();
    $result = $execution->fetch();
    return $result;
}

function addNewUser($username, $email, $password) {
    global $connection;
    $query = "INSERT INTO users(`username`, `email`, `password`, `role`) VALUES(:username, :email, :password, 1)";
    $execution = $connection->prepare($query);
    $execution->bindParam(':username', $username);
    $execution->bindParam(':email', $email);
```



```

        $securePassword = md5($password);
        $execution->bindParam(':password', $securePassword);
        $result = $execution->execute();
        return $result;
    }

    function getRoleName($id) {
        global $connection;
        $query = "SELECT name FROM roles WHERE id = :id";
        $execution = $connection->prepare($query);
        $execution->bindParam(':id', $id);
        $execution->execute();
        $result = $execution->fetch();
        return $result->name;
    }

    // HEADER
    function printNavLinks() {
        $links = fetchAllFromDatabase('pagelinks');
        foreach($links as $link) {
            echo("<li><a href='$link->href' class='font-small'>$link->name</a></li>");
        }
    }

    // FOOTER
    function printFooterSocials() {
        $links = fetchAllFromDatabase('sociallinks');
        foreach($links as $link) {
            echo("<li><a href='$link->href' class='font-
small' target='_blank'><i class='$link->icon'></i><span class='socialText'>$link-
>name</span></a></li>");
        }
    }

    // HOME
    function printSliderImages() {
        $images = fetchAllFromDatabase('sliderimages');
        foreach($images as $image) {
            echo("<div class='slide' style='background-image: url(assets/img/$image-
>image.jpg)'></div>");
        }
    }

    // DEVICES
    function printChbGroup($label, $table) {
        $values = fetchFromDatabase("SELECT * FROM $table ORDER BY name");
        echo("<div class='formGroup'><label class='font-small'>$label:</label>");
        foreach($values as $value) {
            echo("<div class='checkboxGroup'><input type='checkbox' name='chb$value-
>name' id='chb$value->name' value='$value-
>id' class='chb$label filterAction' /><label for='chb$value->name' class='font-
small'>$value->name</label></div>");
        }
    }

```

```

    }
    echo("</div>");
}

function printDevices($devices, $numberOfDevices) {
    if(count($devices) == 0) return('<p class="font-
large">Oops. Seems like there are no items that match your search criteria.</p>');
    else {
        $html = '';
        foreach($devices as $device) {
            $html .= "<div class='device'><div class='deviceImage'><img src='assets/im
g/$device->image' alt='$device->name'/></div><div class='deviceText'><label class='font-
medium deviceName'>$device->name</label><label class='font-medium devicePrice'>$device-
>price."<€."</label><div class='textCenter'><button class='font-
small btnPrimary btnAddToCart' data-id='$device->device_id'><i class='fas fa-shopping-
cart font-medium'></i></button></div></div></div>";
        }
        // PAGE NAVIGATION
        $numberOfPages = ceil($numberOfDevices/6);
        $html .= "<div id='paging'><ul class='font-
small'><li><a href='#' class='btnPrimary prevPage'><</a></li>";
        for($i = 1; $i <= $numberOfPages; $i++) {
            $html .= "<li><a class='btnPrimary btnPage' data-page='$i'>$i</a></li>";
        }
        $html .= "<li><a href='#' class='btnPrimary nextPage'>></a></li></ul></div>";
        return $html;
    }
}

// filtering
function deviceFilteringBindParams($execution) {
    if(isset($_GET['search'])) {
        $searchValue = "%" . $_GET['search'] . "%";
        $execution->bindParam(':search', $searchValue);
    }
    if(isset($_GET['os'])) {
        $osValue = implode(',', $_GET['os']);
        $execution->bindParam(':os', $osValue);
    }
    if(isset($_GET['brand'])) {
        $brandValue = implode(',', $_GET['brand']);
        $execution->bindParam(':brand', $brandValue);
    }
    if(isset($_GET['priceRange'])) {
        $execution->bindParam(':price', $_GET['priceRange']);
    }
    return $execution;
}

// CONTACT
function addContactMessage($email, $name, $message) {
    session_start();

```

```

        if(isset($_SESSION['user'])) $userId = $_SESSION['user']->id;
        else $userId = NULL;
        global $connection;
        $query = "INSERT INTO contactmessages(`user_id`, `email`, `name`, `message`) VALUE
S (:userId, :email, :name, :message)";
        $execution = $connection->prepare($query);
        $execution->bindParam(':userId', $userId);
        $execution->bindParam(':email', $email);
        $execution->bindParam(':name', $name);
        $execution->bindParam(':message', $message);
        $result = $execution->execute();
        return $result;
    }

    // AUTHOR
    function printAuthorSocials() {
        $values = fetchAllFromDatabase('authorsocials');
        foreach($values as $value) {
            echo("<li><a href='$value->href' class='font-
small' target='_blank'><i class='$value->icon' style='color: $value-
>color;'></i></a></li>");
        }
    }

    // CART
    function checkout($name, $email, $address, $totalPrice, $details) {
        session_start();
        global $connection;
        $userId = $_SESSION['user']->id;
        $query = "INSERT INTO orders(`user_id`, `buyer_name`, `buyer_email`, `buyer_address`, `total_price`) VALUES (:userId, :name, :email, :address, :totalPrice)";
        $execution = $connection->prepare($query);
        $execution->bindParam(':userId', $userId);
        $execution->bindParam(':name', $name);
        $execution->bindParam(':email', $email);
        $execution->bindParam(':address', $address);
        $execution->bindParam(':totalPrice', $totalPrice);
        $result = $execution->execute();
        if($result) {
            $orderId = $connection->lastInsertId();
            foreach($details as $el) {
                $query = "INSERT INTO orderdetails(`order_id`, `device_id`, `device_price`, `quantity`) VALUES (:orderId, :deviceId, :price, :quantity)";
                $execution = $connection->prepare($query);
                $execution->bindParam(':orderId', $orderId);
                $execution->bindParam(':deviceId', $el['id']);
                $execution->bindParam(':price', $el['price']);
                $execution->bindParam(':quantity', $el['quantity']);
                $result = $execution->execute();
                if(!$result) return false;
            }
        }
        return true;
    }

```

```

    } else {
        return false;
    }
}

// SURVEY
function surveyAlreadyCompleted($userId) {
    global $connection;
    $query = "SELECT * FROM survey WHERE user_id = :userId";
    $execution = $connection->prepare($query);
    $execution->bindParam(':userId', $userId);
    $execution->execute();
    $result = $execution->fetch();
    return $result;
}

function addSurveyAnswer($userId, $answer) {
    global $connection;
    $query = "INSERT INTO survey(`user_id`, `answer`) VALUES (:userId, :answer)";
    $execution = $connection->prepare($query);
    $execution->bindParam(':userId', $userId);
    $execution->bindParam(':answer', $answer);
    $result = $execution->execute();
    return $result;
}

function getSurveyResults($answer) {
    global $connection;
    $query = "SELECT * FROM survey WHERE answer = :answer";
    $execution = $connection->prepare($query);
    $execution->bindParam(':answer', $answer);
    $execution->execute();
    $result = count($execution->fetchAll());
    return $result;
}

// ADMIN PAGE
function redirectTo404() {
    if(!isset($_SESSION['user'])) {
        header('HTTP/1.0 404 Not Found');
        die;
    } else {
        if(getRoleName($_SESSION['user']->role) != 'admin') {
            header('HTTP/1.0 404 Not Found');
            die;
        }
    }
}

function printAdminNavLinks() {
    $links = fetchAllFromDatabase('adminnavlinks');
    foreach($links as $link) {

```

```

        echo("<li><a href='$link->href' class='font-small'>$link->name</a></li>");
    }
}

function printAdminSectionUsers() {
    $users = fetchAllFromDatabase('users');
    $html = "<div id='users' class='adminSection' data-print='print-users.php' data-
editform='edit-user-form.php' data-delete='delete-
user.php'><div class='heading'><h2 class='font-
xl'>Users</h2><span class='underline'><span></div><div class='tableWrapper'><table cellspa
cing='0' class='table'><thead><tr><td class='colUserId'>ID</td><td class='colUsername'>Use
rname</td><td class='colUserEmail'>Email</td><td class='colRole'>Role</td><td class='colUs
erActive'>Active</td><td class='colActions'>Actions</td></tr></thead><tbody>";
    foreach($users as $user) {
        $html .= "
        <tr data-id='$user->id'>
            <td class='colUserId'>$user->id</td>
            <td class='colUsername'>$user->username</td>
            <td class='colUserEmail'>$user->email</td>
            <td class='colRole'>" . getRoleName($user->role) . "</td>
            <td class='colUserActive'>$user->active</td>
            <td class='colActions'>";
            if($_SESSION['user']->id != $user-
>id) $html .= "<button class='btnEdit btnPrimary font-
xs'>Edit</button><button class='btnDelete btnPrimary font-xs'>Delete</button>";
            $html .= "</td></tr>";
        }
        $html .= "</tbody></table></div><button data-form='add-user-
form.php' class='btnPrimary btnAdminAdd font-small'>Add new user</button></div>";
    return $html;
}

function getValueByColumn($target, $table, $column, $value) {
    global $connection;
    $query = "SELECT $target FROM $table WHERE $column = :$column";
    $execution = $connection->prepare($query);
    $execution->bindParam(":$column", $value);
    $execution->execute();
    $result = $execution->fetchColumn();
    return $result;
}

function getOSName($id) {
    return getValueByColumn('name', 'operatingsystems', 'id', $id);
}

function getBrandName($id) {
    return getValueByColumn('name', 'brands', 'id', $id);
}

function printAdminSectionDevices() {
    $devices = fetchAllFromDatabase('devices');

```

```

    $html = "<div id='devices' class='adminSection' data-print='print-
devices.php' data-delete='delete-device.php' data-editform='edit-device-
form.php'><div class='heading'><h2 class='font-
xl'>Devices</h2><span class='underline'><span></div><div class='tableWrapper'><table cells
pacing='0' class='table'><thead><tr><td class='colDeviceName'>Name</td><td class='colDevic
eImage'>Image</td><td class='colDeviceOS'>OS</td><td class='colDeviceBrand'>Brand</td><td
class='colDevicePrice'>Price</td><td class='colDeviceActive'>Active</td><td class='colActi
ons'>Actions</td></tr></thead><tbody>";
    foreach($devices as $device) {
        $html .= "
        <tr data-id='$device->device_id'>
            <td class='colDeviceName'>$device->name</td>
            <td class='colDeviceImage'>$device->image</td>
            <td class='colDeviceOS'>" . getOSName($device->os) . "</td>
            <td class='colDeviceBrand'>" . getBrandName($device->brand) . "</td>
            <td class='colDevicePrice'>$device->price . \"€\" . "</td>
            <td class='colDeviceActive'>$device->active</td>
            <td class='colActions'><button class='btnEdit btnPrimary font-
xs'>Edit</button><button class='btnDelete btnPrimary font-xs'>Delete</button></td>
        </tr>";
    }
    $html .= "</tbody></table></div><button data-form='add-device-
form.php' class='btnPrimary btnAdminAdd font-small'>Add new device</button></div>";
    return $html;
}

function printAdminSectionBrands() {
    $brands = fetchAllFromDatabase('brands');
    $html = "<div id='brands' class='adminSection' data-print='print-brands.php' data-
delete='delete-brand.php' data-editform='edit-brand-
form.php'><div class='heading'><h2 class='font-
xl'>Brands</h2><span class='underline'><span></div><div class='tableWrapper'><table cellsp
acing='0' class='table'><thead><tr><td class='colBrandName'>Name</td><td class='colActions
'>Actions</td></tr></thead><tbody>";
    foreach($brands as $brand) {
        $html .= "
        <tr data-id='$brand->id'>
            <td class='colBrandName'>$brand->name</td>
            <td class='colActions'><button class='btnEdit btnPrimary font-
xs'>Edit</button><button class='btnDelete btnPrimary font-xs'>Delete</button></td>
        </tr>";
    }
    $html .= "</tbody></table></div><button data-form='add-brand-
form.php' class='btnPrimary btnAdminAdd font-small'>Add new brand</button></div>";
    return $html;
}

function printAdminSectionOS() {
    $operatingSystems = fetchAllFromDatabase('operatingsystems');
    $html = "<div id='operatingSystems' class='adminSection' data-print='print-
operating-systems.php' data-delete='delete-os.php' data-editform='edit-os-
form.php'><div class='heading'><h2 class='font-

```

```

xl'>Operating systems</h2><span class='underline'><span></div><div class='tableWrapper'><table cellpadding='0' class='table'><thead><tr><td class='colOSName'>Name</td><td class='colActions'>Actions</td></tr></thead><tbody>";
    foreach($operatingSystems as $os) {
        $html .= "
            <tr data-id='$os->id'>
                <td class='colOSName'>$os->name</td>
                <td class='colActions'><button class='btnEdit btnPrimary font-xs'>Edit</button><button class='btnDelete btnPrimary font-xs'>Delete</button></td>
            </tr>";
    }
    $html .= "</tbody></table></div><button data-form='add-os-form.php' class='btnPrimary btnAdminAdd font-small'>Add new OS</button></div>";
    return $html;
}

function printAdminSectionOrders() {
    $orders = fetchAllFromDatabase('orders');
    $html = "<div id='orders' class='adminSection' data-print='print-orders.php' data-delete='delete-order.php' data-editform='edit-order-form.php'><div class='heading'><h2 class='font-xl'>Orders</h2><span class='underline'><span></div><div class='tableWrapper'><table cellpadding='0' class='table'><thead><tr><td class='colOrderUserId'>User ID</td><td class='colBuyerName'>Buyer name</td><td class='colBuyerEmail'>Buyer email</td><td class='colBuyerAddress'>Buyer address</td><td class='colTotalPrice'>Total price</td><td class='colOrderDate'>Date</td><td class='colActions'>Actions</td></tr></thead><tbody>";
    foreach($orders as $order) {
        $html .= "
            <tr data-id='$order->order_id'>
                <td class='colOrderUserId'>$order->user_id</td>
                <td class='colBuyerName'>$order->buyer_name</td>
                <td class='colBuyerEmail'>$order->buyer_email</td>
                <td class='colBuyerAddress'>$order->buyer_address</td>
                <td class='colTotalPrice'>$order->total_price". "€" . "</td>
                <td class='colOrderDate'>$order->date</td>
                <td class='colActions'><button class='btnEdit btnPrimary font-xs'>Edit</button><button class='btnDelete btnPrimary font-xs'>Delete</button></td>
            </tr>";
    }
    $html .= "</tbody></table></div></div>";
    return $html;
}

function printAdminSectionMessages() {
    $messages = fetchAllFromDatabase('contactmessages');
    $html = "<div id='messages' class='adminSection' data-print='print-messages.php' data-delete='delete-message.php'><div class='heading'><h2 class='font-xl'>Messages</h2><span class='underline'><span></div>";
    foreach($messages as $message) {
        $html .= "<div class='messageContainer font-small' data-id='$message->message_id'><span><span class='bold'>User ID: </span>$message->user_id</span><br><span><span class='bold'>Email: </span>$message-

```

```

>email</span><br/><span><span class='bold'>Name: </span>$message-
>name</span><br/><span class='bold'>Message:</span><br/><p class='messageContent'>$message
->message</p><span><span class='bold'>Date: </span>$message-
>date</span><br/><button class='btnPrimary btnDeleteMessage btnDelete font-
small'>Delete message</button></div>";
    }
    $html .= "</div>";
    return $html;
}

function exists($table, $column, $value) {
    global $connection;
    $query = "SELECT * FROM $table WHERE $column = :$column";
    $execution = $connection->prepare($query);
    $execution->bindParam(":$column", $value);
    $execution->execute();
    $result = $execution->fetch();
    return $result;
}

// adding
function adminAddNewUser($username, $email, $password, $role) {
    global $connection;
    $query = "INSERT INTO users(`username`, `email`, `password`, `role`) VALUES(:usern
ame, :email, :password, :role)";
    $execution = $connection->prepare($query);
    $execution->bindParam(':username', $username);
    $execution->bindParam(':email', $email);
    $securePassword = md5($password);
    $execution->bindParam(':password', $securePassword);
    $execution->bindParam(':role', $role);
    $result = $execution->execute();
    return $result;
}

function addNewDevice($name, $image, $os, $brand, $price) {
    global $connection;
    $query = "INSERT INTO devices(`name`, `image`, `os`, `brand`, `price`) VALUES(:nam
e, :image, :os, :brand, :price)";
    $execution = $connection->prepare($query);
    $execution->bindParam(':name', $name);
    $execution->bindParam(':image', $image);
    $execution->bindParam(':os', $os);
    $execution->bindParam(':brand', $brand);
    $execution->bindParam(':price', $price);
    $result = $execution->execute();
    return $result;
}

function addNewBrand($name) {
    global $connection;
    $query = "INSERT INTO brands(`name`) VALUES(:name)";

```



```

    $execution = $connection->prepare($query);
    $execution->bindParam(':name', $name);
    $result = $execution->execute();
    return $result;
}

function addNewOS($name) {
    global $connection;
    $query = "INSERT INTO operatingsystems(`name`) VALUES(:name)";
    $execution = $connection->prepare($query);
    $execution->bindParam(':name', $name);
    $result = $execution->execute();
    return $result;
}

// editing
function getInstanceByColumn($table, $column, $value) {
    global $connection;
    $query = "SELECT * FROM $table WHERE $column = :$column";
    $execution = $connection->prepare($query);
    $execution->bindParam(":$column", $value);
    $execution->execute();
    $result = $execution->fetch();
    return $result;
}

function getUserById($id) {
    return getInstanceByColumn('users', 'id', $id);
}

function getDeviceById($id) {
    return getInstanceByColumn('devices', 'device_id', $id);
}

function getBrandById($id) {
    return getInstanceByColumn('brands', 'id', $id);
}

function getOSById($id) {
    return getInstanceByColumn('operatingsystems', 'id', $id);
}

function getOrderById($id) {
    return getInstanceByColumn('orders', 'order_id', $id);
}

function updateDevice($id, $name, $image, $os, $brand, $price, $active) {
    global $connection;
    $query = "UPDATE devices SET name = :name, image = :image, os = :os, brand = :brand, price = :price, active = :active WHERE device_id = :id";
    $execution = $connection->prepare($query);
    $execution->bindParam(':name', $name);

```

```

    $execution->bindParam(':image', $image);
    $execution->bindParam(':os', $os);
    $execution->bindParam(':brand', $brand);
    $execution->bindParam(':price', $price);
    $execution->bindParam(':active', $active);
    $execution->bindParam(':id', $id);
    $result = $execution->execute();
    return $result;
}

function updateBrand($id, $name) {
    global $connection;
    $query = "UPDATE brands SET name = :name WHERE id = :id";
    $execution = $connection->prepare($query);
    $execution->bindParam(':name', $name);
    $execution->bindParam(':id', $id);
    $result = $execution->execute();
    return $result;
}

function updateOS($id, $name) {
    global $connection;
    $query = "UPDATE operatingsystems SET name = :name WHERE id = :id";
    $execution = $connection->prepare($query);
    $execution->bindParam(':name', $name);
    $execution->bindParam(':id', $id);
    $result = $execution->execute();
    return $result;
}

function updateOrder($id, $buyerName, $buyerEmail, $buyerAddress) {
    global $connection;
    $query = "UPDATE orders SET buyer_name = :buyerName, buyer_email = :buyerEmail, buyer_address = :buyerAddress WHERE order_id = :id";
    $execution = $connection->prepare($query);
    $execution->bindParam(':buyerName', $buyerName);
    $execution->bindParam(':buyerEmail', $buyerEmail);
    $execution->bindParam(':buyerAddress', $buyerAddress);
    $execution->bindParam(':id', $id);
    $result = $execution->execute();
    return $result;
}

function updateUser($id, $username, $email, $password, $role, $active) {
    global $connection;
    $query = "UPDATE users SET username = :username, email = :email, password = :password, role = :role, active = :active WHERE id = :id";
    $execution = $connection->prepare($query);
    $execution->bindParam(':username', $username);
    $execution->bindParam(':email', $email);
    $securePassword = md5($password);
    $execution->bindParam(':password', $securePassword);

```

```

    $execution->bindParam(':role', $role);
    $execution->bindParam(':active', $active);
    $execution->bindParam(':id', $id);
    $result = $execution->execute();
    return $result;
}

function updateUserNoPassword($id, $username, $email, $role, $active) {
    global $connection;
    $query = "UPDATE users SET username = :username, email = :email, role = :role, active = :active WHERE id = :id";
    $execution = $connection->prepare($query);
    $execution->bindParam(':username', $username);
    $execution->bindParam(':email', $email);
    $execution->bindParam(':role', $role);
    $execution->bindParam(':active', $active);
    $execution->bindParam(':id', $id);
    $result = $execution->execute();
    return $result;
}

// deleting
function delete($table, $column, $value) {
    global $connection;
    $query = "DELETE FROM $table WHERE $column = :$column";
    $execution = $connection->prepare($query);
    $execution->bindParam(":$column", $value);
    $result = $execution->execute();
    return $result;
}

function setNull($table, $column, $value) {
    global $connection;
    $query = "UPDATE $table SET $column = NULL WHERE $column = :$column";
    $execution = $connection->prepare($query);
    $execution->bindParam(":$column", $value);
    $result = $execution->execute();
    return $result;
}
?>

```

get-user-by-id.php

```
<?php
include("connection/connection.php");
include("functions.php");
if($_SERVER['REQUEST_METHOD'] == "POST") {
    $id = $_POST['id'];
    if(userExists($id, 'id')) {
        $user = getUserById($id);
        header("Content-type: application/json");
        echo(json_encode($user));
    } else {
        http_response_code(404);
        echo("User doesn't exist.");
    }
} else {
    http_response_code(400);
}
?>
```

get-device-by-id.php

```
<?php
include("connection/connection.php");
include("functions.php");
if($_SERVER['REQUEST_METHOD'] == "POST") {
    $id = $_POST['id'];
    if(exists('devices', 'device_id', $id)) {
        $device = getDeviceById($id);
        header("Content-type: application/json");
        echo(json_encode($device));
    } else {
        http_response_code(404);
        echo("Device doesn't exist.");
    }
} else {
    http_response_code(400);
}
?>
```

device-filtering.php

```
<?php
include("connection/connection.php");
include("functions.php");
try {
    $query = "SELECT * FROM devices WHERE active = 1";
    if(isset($_GET['search'])) {
        $query .= " AND name LIKE :search";
    }
    if(isset($_GET['os'])) {
        $query .= " AND os IN (:os)";
    }
    if(isset($_GET['brand'])) {
        $query .= " AND brand IN (:brand)";
    }
    if(isset($_GET['priceRange'])) {
        $query .= " AND price < :price";
    }
    //
    global $connection;
    $execution = $connection->prepare($query);
    $execution = deviceFilteringBindParams($execution);
    $execution->execute();
    $result = $execution->fetchAll();
    $numberOfDevices = count($result);
    if(isset($_GET['order'])) {
        $order = $_GET['order'];
        if($order != "0") {
            $text = '';
            if($order == "nameAZ") $text = "name";
            else if($order == "nameZA") $text = "name DESC";
            else if($order == "priceASC") $text = "price";
            else $text = "price DESC";
            $query .= " ORDER BY $text";
        }
    }
    $devicesPerPage = 6;
    if(isset($_GET['page'])) {
        $page = ($_GET['page'] - 1) * $devicesPerPage;
        $query .= " LIMIT $page, $devicesPerPage";
    }
    //
    $execution = $connection->prepare($query);
    $execution = deviceFilteringBindParams($execution);
    $execution->execute();
    $result = $execution->fetchAll();
    $output = printDevices($result, $numberOfDevices);
    $response = ["response"=>$output];
    http_response_code(200);
    header("Content-type: application/json");
    echo(json_encode($response));
}
```

```
} catch(PDOException $e) {  
    http_response_code(500);  
    echo($e->getMessage());  
}  
?>
```

close-survey-bar.php

```
<?php
    session_start();
    $_SESSION['user']->preventSurvey = true;
    if(isset($_SESSION['user']->preventSurvey)) {
        http_response_code(200);
        echo(true);
    } else {
        http_response_code(400);
        echo("Error.");
    }
?>
```


cart-access.php

```
<?php
    session_start();
    if(!isset($_SESSION['user'])) {
        http_response_code(403);
        echo("You need to be logged in to access your cart.");
    } else {
        http_response_code(200);
        echo(true);
    }
?>
```

add-to-cart.php

```
<?php
    include('connection/connection.php');
    include('functions.php');
    if(isset($_GET['deviceId'])) {
        $deviceId = $_GET['deviceId'];
        $deviceObj = fetchFromDatabase("SELECT * FROM devices WHERE device_id = $deviceId"
    );

        $device = (array)$deviceObj[0];
        $deviceName = $device["name"];
        $devicePrice = $device["price"];
        $result = ["id"=>$deviceId, "name"=>$deviceName, "price"=>$devicePrice];
        header('Content-type: application/json');
        echo(json_encode($result));
        http_response_code(200);
    } else {
        http_response_code(400);
    }
?>
```

admin-header.php

```
<header id="header" class="adminHeader">
  <?php
    include("login-bar.php");
  ?>
  <div class="container">
    <div id="hamburger">
      <a href="#">
        <i class="fas fa-bars font-large"></i>
      </a>
    </div>
    <div id="sideNav">
      <div class="cover">
        <div id="sideNavContent">
          <ul>
            <?php
              printAdminNavLinks();
            ?>
          </ul>
        </div>
      </div>
    </div>
  </div>
</header>
```

footer.php

```
<footer id="footer">
  <div class="container">
    <div id="sitemap">
      <ul>
        <?php
          printNavLinks();
        ?>
      </ul>
    </div>
    <div id="social">
      <ul>
        <?php
          printFooterSocials();
        ?>
      </ul>
    </div>
  </div>
  <span id="copyright" class="font-xs">&copy;2021 Bojan Maksimović</span>
</footer>
<?php
  include("scripts.php");
?>
```

head-content.php

```
<meta charset="UTF-8"/>
<meta name="viewport" content="width=device-width, initial-scale=1.0"/>
<link rel="icon" href="assets/icon/favicon.ico"/>
<link rel="stylesheet" href="assets/css/style.min.css"/>
<link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.8.2/css/all.css" crossorigin="anonymous"/>
```

header.php

```
<?php
    $_SESSION['page'] = $_SERVER['REQUEST_URI'];
?>
<header id="header">
    <?php
        include("assets/php/pages/login-bar.php");
    ?>
    <div id="logoAndNav">
        <div class="container">
            <div id="logo">
                <a href="index.php">
                    <h1 class="font-xl">MS</h1>
                </a>
            </div>
            <div id="navAndCart">
                <nav id="nav">
                    <ul>
                        <?php
                            printNavLinks();
                        ?>
                    </ul>
                </nav>
                <div id="cart">
                    <a href="cart.php">
                        <i class="fas fa-shopping-cart font-medium"></i>
                    </a>
                    <label id="cartNumber" class="font-xs"></label>
                </div>
                <div id="hamburger">
                    <a href="#">
                        <i class="fas fa-bars font-large"></i>
                    </a>
                </div>
                <div id="sideNav">
                    <div class="cover">
                        <div id="sideNavContent">
                            <ul>
                                <?php
                                    printNavLinks();
                                ?>
                            </ul>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>
</header>
```

login-bar.php

```
<?php
    $html = "<div id='loginBar'><div class='container'><ul>";
    if(!isset($_SESSION['user'])) {
        $html .= "<li><a href='#' id='btnLogin' class='btnLogin font-
xs'>Log in</a></li><li><a href='#' id='btnRegister' class='btnLogin font-
xs'>Register</a></li>";
    } else {
        $user = $_SESSION['user'];
        if(getRoleName($user->role) == 'admin') {
            if(strpos($_SERVER['REQUEST_URI'], "admin.php")) {
                $html .= "<li><a href='index.php' class='font-
xs' id='btnAdmin'>Return to site</a></li>";
            } else {
                $html .= "<li><a href='admin.php' class='font-
xs' id='btnAdmin'>Admin panel</a></li>";
            }
        }
        $userUsername = $user->username;
        $html .= "<li><label class='font-
xs bold'>Welcome $userUsername!</label></li><li><a href='assets/php/pages/logout.php' id='
btnLogout' class='font-xs'>Log out</a></li>";
    }
    $html .= "</ul></div></div>";
    echo($html);
?>
```

logout.php

```
<?php
    session_start();
    unset($_SESSION['user']);
    header("Location: " . $_SESSION['page']);
?>
```


scripts.php

```
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>  
<script type="text/javascript" src="assets/js/main.min.js"></script>  
<script type="text/javascript" src="assets/js/form-validation.min.js"></script>
```

survey-results.php

```
<?php
    include("../connection/connection.php");
    include("../functions.php");
    $totalNumber = count(fetchAllFromDatabase('survey'));
    $html = "<h3 class='font-large'>Results</h3><ul id='surveyResults' class='font-
small'>";
    for($i = 1; $i <= 5; $i++) {
        $percentage = round(getSurveyResults($i) / $totalNumber * 100, 2);
        $html .= "<li><label class='answer'>$i</label><div class='progress' data-
label='$percentage%'><span class='progressValue' style='width: $percentage%;'></span></div
></li>";
    }
    $html .= "</ul>";
    $response = ["response"=>$html];
    http_response_code(200);
    echo(json_encode($response));
?>
```

survey.php

```
<?php
    if(isset($_SESSION['user'])):
        if(!isset($_SESSION['user']->preventSurvey)):
?>
    <div id="survey">
        <div class="container">
            <?php
                if(!surveyAlreadyCompleted($_SESSION['user']->id)):
?>
                <span class="font-small bold">How would you rate our service?</span>
                <form>
                    <div class="surveyChoices">
                        <?php
                            for($i = 1; $i <= 5; $i++):
?>
                            <div class="surveyRadioButton">
                                <label for="rbSurvey<?=$i?>" class="font-small"><?=$i?></label>
                                <input type="radio" class="rbSurvey font-
small" name="rbSurvey" id="rbSurvey<?=$i?>" value="<?=$i?>"/>
                            </div>
                        <?php
                            endfor;
?>
                    </div>
                    <button id="btnSubmitSurvey" class="font-small btnPrimary">Submit</button>
                </form>
                <?php
                    else:
?>
                <span class="font-small bold">Thank you for completing our survey!</span>
                <button id="btnSurveyResults" class="btnPrimary font-small">Results</button>
                <?php
                    endif;
?>
            </div>
            <button id="btnCloseSurveyBar" class="font-medium"><i class="fas fa-
times"></i></button>
        </div>
    <?php
        endif;
    endif;
?>
```

survey-submission.php

```
<?php
    session_start();
    include("../connection/connection.php");
    include("../functions.php");
    $rating = $_GET['rating'];
    if(isset($rating)) {
        if(!surveyAlreadyCompleted($_SESSION['user']->id)) {
            $result = addSurveyAnswer($_SESSION['user']->id, $rating);
            if($result) {
                http_response_code(200);
                echo(true);
            } else {
                http_response_code(500);
                echo("Error.");
            }
        } else {
            http_response_code(409);
            echo("You already completed this survey.");
        }
    } else {
        http_response_code(400);
    }
?>
```

register-form-validation.php

```
<?php
include("../connection/connection.php");
include("../functions.php");
if($_SERVER["REQUEST_METHOD"] == "POST") {
    $username = $_POST['username'];
    $email = $_POST['email'];
    $password = $_POST['password'];
    $repeatPassword = $_POST['repeatPassword'];

    // regular expressions
    $regExpUsername = "/^[a-zA-Z]\w{4,}$"/;
    $regExpEmail = "/^[a-z][a-z0-9\-\_\.\.]{2,}@[a-z0-9\-\_\.\.]{2,}\.([a-z]{2,})$/";
    $regExpPassword = "/^(?=.*[a-z])(?=.*[A-Z])(?=.*[0-9])(?=.*[!@#\$%\^&\*])(?=.*{8,})/";

    // validation
    $noErrors = true;
    if(!preg_match($regExpUsername, $username)) $noErrors = false;
    if(!preg_match($regExpEmail, $email)) $noErrors = false;
    if(!preg_match($regExpPassword, $password)) $noErrors = false;
    if($password != $repeatPassword) $noErrors = false;

    // result
    if($noErrors) {
        $alreadyExists = false;
        $errorMessage = '';
        if(userExists($email, 'email')) {
            $alreadyExists = true;
            $errorMessage .= "- That email is already in use.<br/>";
        }
        if(userExists($username, 'username')) {
            $alreadyExists = true;
            $errorMessage .= "- That username is already in use.<br/>";
        }
        if($alreadyExists) {
            http_response_code(409);
            echo($errorMessage);
        } else {
            if(addNewUser($username, $email, $password)) {
                http_response_code(200);
                header("Content-type: application/json");
                $response = ["response"=>"Your account has been successfully created."];

                echo(json_encode($response));
            } else {
                http_response_code(500);
                echo("Error.");
            }
        }
    } else {

```

```
        http_response_code(400);  
        echo("Invalid input.");  
    }  
} else {  
    http_response_code(400);  
}  
?>
```

login-form-validation.php

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

    // regular expressions
    $regExpEmail = "/^[a-z][a-z0-9\-\_\.\.]{2,}@([a-z0-9\-\_\.\.]{2,}\.)+[a-z]{2,}$/";
    $regExpPassword = "/^(?=.*[a-z])(?=.*[A-Z])(?=.*[0-9])(?=.*[!@#\$%\^&\*])(?=.*{8,})/";

    // validation
    $noErrors = true;
    if(!preg_match($regExpEmail, $email)) $noErrors = false;
    if(!preg_match($regExpPassword, $password)) $noErrors = false;

    // result
    if($noErrors) {
        $securePassword = md5($password);
        $currentUser = getUser($email, $securePassword);
        if($currentUser) {
            if($currentUser->active == 1) {
                $_SESSION['user'] = $currentUser;
                http_response_code(200);
                echo(true);
            } else {
                http_response_code(403);
                echo("Your account is currently inactive. Contact the site administrator for more info");
            }
        } else {
            http_response_code(409);
            echo('Invalid credentials.');
```

contact-form-validation.php

```
<?php
include("../connection/connection.php");
include("../functions.php");
if($_SERVER["REQUEST_METHOD"] == "POST") {
    $email = $_POST['email'];
    $name = $_POST['name'];
    $message = $_POST['message'];

    // regular expressions
    $regExpName = "/^[A-ZŠĐČĆŽ][a-zšđćčž]{2,}(\s[A-ZŠĐČĆŽ][a-zšđćčž]{2,})*$$/";
    $regExpEmail = "/^[a-z][a-z0-9\-\_\.\-]{2,}@([a-z0-9\-\_\.\-]{2,}\.)+[a-z]{2,}$/";

    // validation
    $noErrors = true;
    if(!preg_match($regExpEmail, $email)) $noErrors = false;
    if(!preg_match($regExpName, $name)) $noErrors = false;
    $numberOfSpaces = substr_count($message, ' ');
    if(strlen($message) - $numberOfSpaces < 20 || strlen($message) > 500) $noErrors =
false;

    // result
    if($noErrors) {
        if(addContactMessage($email, $name, $message)) {
            http_response_code(200);
            $response = ["response"=>'Sent! Expect an answer from one of our agents so
on.'];
            header("Content-type: application/json");
            echo(json_encode($response));
        } else {
            http_response_code(500);
            echo("Error.");
        }
    } else {
        http_response_code(400);
    }
} else {
    http_response_code(400);
}
?>
```


checkout-form-validation.php

```
<?php
include("../connection/connection.php");
include("../functions.php");
if($_SERVER["REQUEST_METHOD"] == "POST") {
    $name = $_POST['name'];
    $email = $_POST['email'];
    $address = $_POST['address'];
    $totalPrice = $_POST['totalPrice'];
    $details = $_POST['details'];

    // regular expressions
    $regExpName = "/^[A-ZŠĐČŽ][a-zšđčž]{2,}(\s[A-ZŠĐČŽ][a-zšđčž]{2,})*$/";
    $regExpEmail = "/^[a-z][a-z0-9\-\_\.\s]{2,}@([a-z0-9\-\_\.\s]{2,})+[a-z]{2,}$/";
    $regExpAddress = "/^[A-ZŠĐČŽ][a-zšđčž]{2,}(\s[A-ZŠĐČŽa-zšđčž][a-zšđčž]{2,})*\s\d+[A-Z]?(\s\d+)*$/";

    // validation
    $noErrors = true;
    if(!preg_match($regExpEmail, $email)) $noErrors = false;
    if(!preg_match($regExpName, $name)) $noErrors = false;
    if(!preg_match($regExpAddress, $address)) $noErrors = false;

    // result
    if($noErrors) {
        if(checkout($name, $email, $address, $totalPrice, $details)) {
            http_response_code(200);
            $response = ["response"=>'Success! We will reach out to you in the next couple of days to confirm the provided information.'];
            echo(json_encode($response));
        } else {
            http_response_code(500);
            echo("Error");
        }
    } else {
        http_response_code(400);
    }
} else {
    http_response_code(400);
}
?>
```

conneciton.php

```
<?php
    include("login.ini");
    try {
        $connection = new PDO("$driver:host=$host;dbname=$db;charset=utf8", $username, $password);
    } catch (PDOException $ex) {
        echo("Connection error: " . $ex->getMessage());
    }
    $connection->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
    $connection->setAttribute(PDO::ATTR_DEFAULT_FETCH_MODE, PDO::FETCH_OBJ);
?>
```

login.ini

```
<?php
$driver = 'mysql';
$host = 'sql311.epizy.com';
$db = 'epiz_27721802_mobishop';
$username = 'epiz_27721802';
$password = 'aNkRPvdr7I';
?>
```

print-users.php

```
<?php
    session_start();
    include("../connection/connection.php");
    include("../functions.php");
    redirectTo404();
    $response = ["response"=>printAdminSectionUsers()];
    http_response_code(200);
    header("Content-type: application/json");
    echo(json_encode($response));
?>
```

print-orders.php

```
<?php
    session_start();
    include("../connection/connection.php");
    include("../functions.php");
    redirectTo404();
    $response = ["response"=>printAdminSectionOrders()];
    http_response_code(200);
    header("Content-type: application/json");
    echo(json_encode($response));
?>
```

print-operating-systems.php

```
<?php
    session_start();
    include("../connection/connection.php");
    include("../functions.php");
    redirectTo404();
    $response = ["response"=>printAdminSectionOS()];
    http_response_code(200);
    header("Content-type: application/json");
    echo(json_encode($response));
?>
```

print-messages.php

```
<?php
    session_start();
    include("../connection/connection.php");
    include("../functions.php");
    redirectTo404();
    $response = ["response"=>printAdminSectionMessages()];
    http_response_code(200);
    header("Content-type: application/json");
    echo(json_encode($response));
?>
```

print-devices.php

```
<?php
    session_start();
    include("../connection/connection.php");
    include("../functions.php");
    redirectTo404();
    $response = ["response"=>printAdminSectionDevices()];
    http_response_code(200);
    header("Content-type: application/json");
    echo(json_encode($response));
?>
```


print-brands.php

```
<?php
    session_start();
    include("../connection/connection.php");
    include("../functions.php");
    redirectTo404();
    $response = ["response"=>printAdminSectionBrands()];
    http_response_code(200);
    header("Content-type: application/json");
    echo(json_encode($response));
?>
```

delete-user.php

```
<?php
session_start();
include("../../connection/connection.php");
include("../../functions.php");
redirectTo404();
if($_SERVER['REQUEST_METHOD'] == "POST") {
    $id = $_POST['id'];
    if($_SESSION['user']->id == $id) {
        http_response_code(409);
        echo("You can't delete your own account.");
    } else {
        if(!userExists($id, 'id')) {
            http_response_code(409);
            echo("User doesn't exist.");
        } else {
            if(delete('users', 'id', $id)) {
                if(exists('survey', 'user_id', $id)) {
                    delete('survey', 'user_id', $id);
                }
                if(exists('contactmessages', 'user_id', $id)) {
                    setNull('contactmessages', 'user_id', $id);
                }
                if(exists('orders', 'user_id', $id)) {
                    setNull('orders', 'user_id', $id);
                }
                http_response_code(200);
                echo(true);
            } else {
                http_response_code(500);
                echo("Error.");
            }
        }
    }
} else {
    http_response_code(400);
}
?>
```

delete-os.php

```
<?php
    session_start();
    include("../../connection/connection.php");
    include("../../functions.php");
    redirectTo404();
    if($_SERVER['REQUEST_METHOD'] == "POST") {
        $id = $_POST['id'];
        if(!exists('operatingsystems', 'id', $id)) {
            http_response_code(409);
            echo("Operating system doesn't exist.");
        } else {
            if(delete('operatingsystems', 'id', $id)) {
                if(exists('devices', 'os', $id)) {
                    setNull('devices', 'os', $id);
                }
                http_response_code(200);
                echo(true);
            } else {
                http_response_code(500);
                echo("Error.");
            }
        }
    } else {
        http_response_code(400);
    }
?>
```

delete-order.php

```
<?php
    session_start();
    include("../../connection/connection.php");
    include("../../functions.php");
    redirectTo404();
    if($_SERVER['REQUEST_METHOD'] == "POST") {
        $id = $_POST['id'];
        if(!exists('orders', 'order_id', $id)) {
            http_response_code(409);
            echo("Order doesn't exist.");
        } else {
            if(delete('orders', 'order_id', $id)) {
                if(exists('orderdetails', 'order_id', $id)) {
                    delete('orderdetails', 'order_id', $id);
                }
                http_response_code(200);
                echo(true);
            } else {
                http_response_code(500);
                echo("Error.");
            }
        }
    } else {
        http_response_code(400);
    }
?>
```

delete-message.php

```
<?php
    session_start();
    include("../connection/connection.php");
    include("../functions.php");
    redirectTo404();
    if($_SERVER['REQUEST_METHOD'] == "POST") {
        $id = $_POST['id'];
        if(!exists('contactmessages', 'message_id', $id)) {
            http_response_code(409);
            echo("Message doesn't exist.");
        } else {
            if(delete('contactmessages', 'message_id', $id)) {
                http_response_code(200);
                echo(true);
            } else {
                http_response_code(500);
                echo("Error.");
            }
        }
    } else {
        http_response_code(400);
    }
?>
```

delete-device.php

```
<?php
session_start();
include("../../connection/connection.php");
include("../../functions.php");
redirectTo404();
if($_SERVER['REQUEST_METHOD'] == "POST") {
    $id = $_POST['id'];
    if(!exists('devices', 'device_id', $id)) {
        http_response_code(409);
        echo("Device doesn't exist.");
    } else {
        if(delete('devices', 'device_id', $id)) {
            if(exists('orderdetails', 'device_id', $id)) {
                setNull('orderdetails', 'device_id', $id);
            }
            http_response_code(200);
            echo(true);
        } else {
            http_response_code(500);
            echo("Error.");
        }
    }
} else {
    http_response_code(400);
}
?>
```

delete-brand.php

```
<?php
    session_start();
    include("../../connection/connection.php");
    include("../../functions.php");
    redirectTo404();
    if($_SERVER['REQUEST_METHOD'] == "POST") {
        $id = $_POST['id'];
        if(!exists('brands', 'id', $id)) {
            http_response_code(409);
            echo("Brand doesn't exist.");
        } else {
            if(delete('brands', 'id', $id)) {
                if(exists('devices', 'brand', $id)) {
                    setNull('devices', 'brand', $id);
                }
                http_response_code(200);
                echo(true);
            } else {
                http_response_code(500);
                echo("Error.");
            }
        }
    } else {
        http_response_code(400);
    }
?>
```

edit-user.php

```
<?php
session_start();
include("../connection/connection.php");
include("../functions.php");
redirectTo404();
if($_SERVER['REQUEST_METHOD'] == "POST") {
    $id = $_POST['id'];
    $username = $_POST['username'];
    $email = $_POST['email'];
    $password = $_POST['password'];
    $changePassword = $_POST['changePassword'];
    $role = $_POST['role'];
    $active = $_POST['active'];

    // regular expressions
    $regExpUsername = "/^[a-zA-Z]\w{4,}$/";
    $regExpEmail = "/^[a-z][a-z0-9-_\.]{2,}@[a-z0-9-]{2,}\.+[a-z]{2,}$/";
    $regExpPassword = "/^(?=.*[a-z])(?=.*[A-Z])(?=.*[0-9])(?=.*[!@#\$%\^&\*])?(?=.{8,})/";

    // form validation
    $noErrors = true;
    if(!exists('users', 'id', $id)) {
        $noErrors = false;
        http_response_code(404);
        echo("Selected user doesn't exist.");
        die;
    }
    if(!preg_match($regExpUsername, $username)) $noErrors = false;
    if(!preg_match($regExpEmail, $email)) $noErrors = false;
    if($changePassword) {
        if(!preg_match($regExpPassword, $password)) $noErrors = false;
    }
    if(!exists('roles', 'id', $role)) {
        $noErrors = false;
        http_response_code(404);
        echo("Selected role doesn't exist.");
        die;
    }
    if($active != 1 && $active != 0) $noErrors = false;
    if($noErrors) {
        $alreadyExists = false;
        $errorMessage = '';
        if(userExists($email, 'email') && getUserById($id)->email != $email) {
            $alreadyExists = true;
            $errorMessage .= "- That email is already in use.<br/>";
        }
        if(userExists($username, 'username') && getUserById($id)->username != $username) {
            $alreadyExists = true;
        }
    }
}
```



```

        $errorMessage .= "- That username is already in use.<br/>";
    }
    if($alreadyExists) {
        http_response_code(409);
        echo($errorMessage);
    } else {
        if($changePassword) {
            if(updateUser($id, $username, $email, $password, $role, $active)) {
                http_response_code(200);
                echo(true);
            } else {
                http_response_code(500);
                echo("Error.");
            }
        } else {
            if(updateUserNoPassword($id, $username, $email, $role, $active)) {
                http_response_code(200);
                echo(true);
            } else {
                http_response_code(500);
                echo("Error.");
            }
        }
    }
} else {
    http_response_code(409);
    var_dump($changePassword);
}
} else {
    http_response_code(400);
}
}
?>

```

edit-os.php

```
<?php
    session_start();
    include("../../connection/connection.php");
    include("../../functions.php");
    redirectTo404();
    if($_SERVER['REQUEST_METHOD'] == "POST") {
        $id = $_POST['id'];
        $name = $_POST['name'];

        // regular expressions
        $regExpOS = "/^[A-Za-z\s]+$"/;

        // form validation
        $noErrors = true;
        if(!exists('operatingsystems', 'id', $id)) {
            $noErrors = false;
            http_response_code(404);
            echo("Selected OS doesn't exist.");
            die;
        }
        if(!preg_match($regExpOS, $name)) $noErrors = false;
        if($noErrors) {
            $alreadyExists = false;
            $errorMessage = '';
            if(exists('operatingsystems', 'name', $name) && getOSById($id)-
>name != $name) {
                $alreadyExists = true;
                $errorMessage .= "That OS already exists.";
            }
            if($alreadyExists) {
                http_response_code(409);
                echo($errorMessage);
            } else {
                if(updateOS($id, $name)) {
                    http_response_code(200);
                    echo(true);
                } else {
                    http_response_code(500);
                    echo("Error.");
                }
            }
        } else {
            http_response_code(400);
        }
    } else {
        http_response_code(400);
    }
?>
```

edit-order.php

```
<?php
session_start();
include("../../connection/connection.php");
include("../../functions.php");
redirectTo404();
if($_SERVER['REQUEST_METHOD'] == "POST") {
    $id = $_POST['id'];
    $buyerName = $_POST['buyerName'];
    $buyerEmail = $_POST['buyerEmail'];
    $buyerAddress = $_POST['buyerAddress'];

    // regular expressions
    $regExpName = "/^[A-ZŠĐČŽ][a-zšđčž]{2,}(\s[A-ZŠĐČŽ][a-zšđčž]{2,})*$/";
    $regExpEmail = "/^[a-z][a-z0-9\-\_\.\-]{2,}@([a-z0-9\-\_\.\-]{2,}\.)+[a-z]{2,}$/";
    $regExpAddress = "/^[A-ZŠĐČŽ][a-zšđčž]{2,}(\s[A-ZŠĐČŽa-zšđčž][a-
zšđčž]{2,})*\s\d+[A-Z]?(\s\d+)*$/";

    // form validation
    $noErrors = true;
    if(!exists('orders', 'order_id', $id)) {
        $noErrors = false;
        http_response_code(404);
        echo("Selected order doesn't exist.");
        die;
    }
    if(!preg_match($regExpName, $buyerName)) $noErrors = false;
    if(!preg_match($regExpEmail, $buyerEmail)) $noErrors = false;
    if(!preg_match($regExpAddress, $buyerAddress)) $noErrors = false;
    if($noErrors) {
        if(updateOrder($id, $buyerName, $buyerEmail, $buyerAddress)) {
            http_response_code(200);
            echo(true);
        } else {
            http_response_code(500);
            echo("Error.");
        }
    } else {
        http_response_code(400);
    }
} else {
    http_response_code(400);
}
?>
```

edit-device.php

```
<?php
session_start();
include("../connection/connection.php");
include("../functions.php");
redirectTo404();
if($_SERVER['REQUEST_METHOD'] == "POST") {
    $id = $_POST['id'];
    $name = $_POST['name'];
    $image = $_POST['image'];
    $os = $_POST['os'];
    $brand = $_POST['brand'];
    $price = $_POST['price'];
    $active = $_POST['active'];

    // regular expressions
    $regExpName = "/^[A-Za-z0-9\\/-\\s]+$/" ;
    $regExpImage = "/^[\\w\\-]+(\\.jpg|\\.jpeg|\\.png|\\.gif)$/";
    $regExpPrice = "/^[0-9]+$/" ;

    // form validation
    $noErrors = true;
    if(!exists('devices', 'device_id', $id)) {
        $noErrors = false;
        http_response_code(404);
        echo("Selected device doesn't exist.");
        die;
    }
    if(!preg_match($regExpName, $name)) $noErrors = false;
    if(!preg_match($regExpImage, $image)) $noErrors = false;
    if(!preg_match($regExpPrice, $price)) $noErrors = false;
    if(!exists('brands', 'id', $brand)) {
        $noErrors = false;
        http_response_code(404);
        echo("Selected brand doesn't exist.");
        die;
    }
    if(!exists('operatingsystems', 'id', $os)) {
        $noErrors = false;
        http_response_code(404);
        echo("Selected OS doesn't exist.");
        die;
    }
    if($active != 1 && $active != 0) $noErrors = false;
    if($noErrors) {
        $alreadyExists = false;
        $errorMessage = '';
        if(exists('devices', 'name', $name) && getDeviceById($id)->name != $name) {
            $alreadyExists = true;
            $errorMessage .= "That device already exists.";
        }
    }
}
```

```
if($alreadyExists) {
    http_response_code(409);
    echo($errorMessage);
} else {
    if(updateDevice($id, $name, $image, $os, $brand, $price, $active)) {
        http_response_code(200);
        echo(true);
    } else {
        http_response_code(500);
        echo("Error.");
    }
}
} else {
    http_response_code(400);
}
} else {
    http_response_code(400);
}
?>
```

edit-brand.php

```
<?php
session_start();
include("../connection/connection.php");
include("../functions.php");
redirectTo404();
if($_SERVER['REQUEST_METHOD'] == "POST") {
    $id = $_POST['id'];
    $name = $_POST['name'];

    // regular expressions
    $regExpBrand = "/^[A-Za-z\s]+$"/;

    // form validation
    $noErrors = true;
    if(!exists('brands', 'id', $id)) {
        $noErrors = false;
        http_response_code(404);
        echo("Selected brand doesn't exist.");
        die;
    }
    if(!preg_match($regExpBrand, $name)) $noErrors = false;
    if($noErrors) {
        $alreadyExists = false;
        $errorMessage = '';
        if(exists('brands', 'name', $name) && getBrandById($id)->name != $name) {
            $alreadyExists = true;
            $errorMessage .= "That brand already exists.";
        }
        if($alreadyExists) {
            http_response_code(409);
            echo($errorMessage);
        } else {
            if(updateBrand($id, $name)) {
                http_response_code(200);
                echo(true);
            } else {
                http_response_code(500);
                echo("Error.");
            }
        }
    } else {
        http_response_code(400);
    }
} else {
    http_response_code(400);
}
?>
```

edit-user-form.php

```
<?php
    session_start();
    include("../../connection/connection.php");
    include("../../functions.php");
    redirectTo404();
    if($_SERVER['REQUEST_METHOD'] == "POST") {
        $userId = $_POST['id'];
        $user = getUserById($userId);

        $html = "<div class='addForm'><h3 class='font-large'>Edit user</h3><form>";

        // Username
        $html .= "<div class='formGroup'>
            <label for='tbEditUserUsername'>Username:</label>
            <input type='text' autocomplete='off' name='tbEditUserUsername' id='tbEditUserUser-
name' class='font-small textField' value='$user->username'/>
            <label class='errorMessage font-
small'>Username must:<ul><li>- start with a letter</li><li>- be 5 characters or longer</li>
><li>- not contain special characters other than '_'</li></ul></label>
            </div>";

        // Email
        $html .= "<div class='formGroup'>
            <label for='tbEditUserEmail'>Email:</label>
            <input type='text' autocomplete='off' name='tbEditUserEmail' id='tbEditUserEmail'
class='font-small textField' value='$user->email'/>
            <label class='errorMessage font-small'>example@example.com</label>
            </div>";

        // Password
        $html .= "<div class='formGroup'>
            <label for='tbEditUserPassword'>Password:</label>
            <input type='text' autocomplete='off' name='tbEditUserPassword' id='tbEditUserPass-
word' class='font-small textField' disabled/>
            <label class='errorMessage font-small'>Password must:<ul>
            <li>- contain 1 lowercase letter</li>
            <li>- contain 1 uppercase letter</li>
            <li>- contain 1 number</li>
            <li>- contain 1 special character</li>
            <li>- be 8 characters or longer</li>
            </ul></label>
            <div class='checkboxGroup'><input type='checkbox' id='chbChangePassword' name='chb-
ChangePassword'><label for='chbChangePassword' class='font-
small'>Change password</label></div>
            </div>";

        // Role
        $html .= "<div class='formGroup'>
            <label for='ddlEditRole'>Role:</label>
            <select name='ddlEditRole' id='ddlEditRole' class='font-small textField'>";
```

```

$roles = fetchAllFromDatabase('roles');
foreach($roles as $role) {
    $html .= "<option value='$role->id'>$role->name</option>";
}
$html .= "</select></div>";

// Active
$html .= "<div class='formGroup'>
<label for='ddlEditActive'>Active:</label>
<select name='ddlEditActive' id='ddlEditActive' class='font-
small textField'><option value='0'>0</option><option value='1'>1</option></select></div>";

// Edit button
$html .= "<span class='textCenter'><button id='btnEditUser' class='btnPrimary font-
-small'>Update user</button></span>";

$html .= "</form></div>";

http_response_code(200);
$response = ["response"=>$html];
echo(json_encode($response));
} else {
    http_response_code(400);
}
?>

```


edit-os-form.php

```
<?php
    session_start();
    include("../../../connection/connection.php");
    include("../../../functions.php");
    redirectTo404();

    $id = $_POST['id'];
    $os = getOSById($id);

    $html = "<div class='addForm'><h3 class='font-large'>Edit OS</h3><form>";

    // Name
    $html .= "<div class='formGroup'>
    <label for='tbEditOSName'>Name:</label>
    <input type='text' autocomplete='off' name='tbEditOSName' id='tbEditOSName' class='font-small textField'/ value='$os->name'>
    <label class='errorMessage font-small'>OS name cannot contain special characters or numbers.</label>
    </div>";

    // Edit button
    $html .= "<span class='textCenter'><button id='btnEditOS' class='btnPrimary font-small'>Update OS</button></span>";

    $html .= "</form></div>";

    http_response_code(200);
    $response = ["response"=>$html];
    echo(json_encode($response));
?>
```

edit-order-form.php

```
<?php
    session_start();
    include("../../../connection/connection.php");
    include("../../../functions.php");
    redirectTo404();

    $id = $_POST['id'];
    $order = getOrderById($id);

    $html = "<div class='addForm'><h3 class='font-large'>Edit order</h3><form>";

    // Buyer name
    $html .= "<div class='formGroup'>
    <label for='tbEditOrderBuyerName'>Buyer name:</label>
    <input type='text' autocomplete='off' name='tbEditOrderBuyerName' id='tbEditOrderBuyer
Name' class='font-small textField' value='$order->buyer_name'/>
    <label class='errorMessage font-
small'><ul><li>- A name cannot have less than 3 characters</li><li>- Has to be at least 2
words</li><li>- Each word must be capitalized</li></ul></label>
    </div>";

    // Buyer email
    $html .= "<div class='formGroup'>
    <label for='tbEditOrderBuyerEmail'>Buyer email:</label>
    <input type='text' autocomplete='off' name='tbEditOrderBuyerEmail' id='tbEditOrderBuye
rEmail' class='font-small textField' value='$order->buyer_email'/>
    <label class='errorMessage font-small'>example@example.com</label>
    </div>";

    // Buyer address
    $html .= "<div class='formGroup'>
    <label for='tbEditOrderBuyerAddress'>Buyer address:</label>
    <input type='text' autocomplete='off' name='tbEditOrderBuyerAddress' id='tbEditOrderBu
yerAddress' class='font-small textField' value='$order->buyer_address'/>
    <label class='errorMessage font-
small'>[Street Name] [Home Number]/[Apartment Number]</label>
    </div>";

    // Edit button
    $html .= "<span class='textCenter'><button id='btnEditOrder' class='btnPrimary font-
small'>Update order</button></span>";

    $html .= "</form></div>";

    http_response_code(200);
    $response = ["response"=>$html];
    echo(json_encode($response));
?>
```

edit-device-form.php

```
<?php
    session_start();
    include("../../../connection/connection.php");
    include("../../../functions.php");
    redirectTo404();

    $deviceId = $_POST['id'];
    $device = getDeviceById($deviceId);

    $html = "<div class='addForm'><h3 class='font-large'>Edit device</h3><form>";

    // Name
    $html .= "<div class='formGroup'>
    <label for='tbEditDeviceName'>Name:</label>
    <input type='text' autocomplete='off' name='tbEditDeviceName' id='tbEditDeviceName' class='font-small textField' value='$device->name' />
    <label class='errorMessage font-small'>Device name cannot contain special characters other than '-' and '/'</label>
    </div>";

    // Image
    $html .= "<div class='formGroup'>
    <label for='tbEditDeviceImage'>Image name:</label>
    <input type='text' autocomplete='off' name='tbEditDeviceImage' id='tbEditDeviceImage' class='font-small textField' value='$device->image' />
    <label class='errorMessage font-small'><ul><li>- Allowed formats: .jpg, .jpeg, .png, .gif</li><li>- Cannot contain special characters other than '-' and '_'</li></ul></label>
    </div>";

    // OS
    $html .= "<div class='formGroup'>
    <label for='ddlEditOS'>OS:</label>
    <select name='ddlEditOS' id='ddlEditOS' class='font-small textField'>";
    $operatingSystems = fetchAllFromDatabase('operatingsystems');
    foreach($operatingSystems as $os) {
        $html .= "<option value='$os->id'>$os->name</option>";
    }
    $html .= "</select></div>";

    // Brand
    $html .= "<div class='formGroup'>
    <label for='ddlEditBrand'>Brand:</label>
    <select name='ddlEditBrand' id='ddlEditBrand' class='font-small textField'>";
    $brands = fetchAllFromDatabase('brands');
    foreach($brands as $brand) {
        $html .= "<option value='$brand->id'>$brand->name</option>";
    }
    $html .= "</select></div>";
```

```

// Price
$html .= "<div class='formGroup'>
<label for='tbEditDevicePrice'>Price (in Euros):</label>
<input type='number' autocomplete='off' name='tbEditDevicePrice' id='tbEditDevicePrice'
' class='font-small textField' value='$device->price' />
<label class='errorMessage font-small'>Has to be a number</label>
</div>";

// Active
$html .= "<div class='formGroup'>
<label for='ddlEditDeviceActive'>Active:</label>
<select name='ddlEditDeviceActive' id='ddlEditDeviceActive' class='font-
small textField'><option value='0'>0</option><option value='1'>1</option></select></div>";

// Edit button
$html .= "<span class='textCenter'><button id='btnEditDevice' class='btnPrimary font-
small'>Update device</button></span>";

$html .= "</form></div>";

http_response_code(200);
$response = ["response"=>$html];
echo(json_encode($response));
?>

```

edit-brand-form.php

```
<?php
    session_start();
    include("../../../connection/connection.php");
    include("../../../functions.php");
    redirectTo404();

    $id = $_POST['id'];
    $brand = getBrandById($id);

    $html = "<div class='addForm'><h3 class='font-large'>Edit brand</h3><form>";

    // Name
    $html .= "<div class='formGroup'>
    <label for='tbEditBrandName'>Name:</label>
    <input type='text' autocomplete='off' name='tbEditBrandName' id='tbEditBrandName' clas
s='font-small textField' value='$brand->name' />
    <label class='errorMessage font-
small'>Brand name cannot contain special characters or numbers.</label>
    </div>";

    // Edit button
    $html .= "<span class='textCenter'><button id='btnEditBrand' class='btnPrimary font-
small'>Update brand</button></span>";

    $html .= "</form></div>";

    http_response_code(200);
    $response = ["response"=>$html];
    echo(json_encode($response));
?>
```

add-user.php

```
<?php
session_start();
include("../connection/connection.php");
include("../functions.php");
redirectTo404();
if($_SERVER['REQUEST_METHOD'] == "POST") {
    $username = $_POST['username'];
    $email = $_POST['email'];
    $password = $_POST['password'];
    $role = $_POST['role'];

    // regular expressions
    $regExpUsername = "/^[a-zA-Z]\w{4,}$/";
    $regExpEmail = "/^[a-z][a-z0-9\-\_\.\-]{2,}@([a-z0-9\-\_\.\-]{2,}\.)+[a-z]{2,}$/";
    $regExpPassword = "/^(?=.*[a-z])(?=.*[A-Z])(?=.*[0-9])(?=.*[!@#\$%\^&\*])(?=.{8,})/";

    // validation
    $noErrors = true;
    if(!preg_match($regExpUsername, $username)) $noErrors = false;
    if(!preg_match($regExpEmail, $email)) $noErrors = false;
    if(!preg_match($regExpPassword, $password)) $noErrors = false;
    if(!exists('roles', 'id', $role)) {
        $noErrors = false;
        http_response_code(409);
        echo("Selected role doesn't exist.");
        die;
    }

    // result
    if($noErrors) {
        $alreadyExists = false;
        $errorMessage = '';
        if(userExists($email, 'email')) {
            $alreadyExists = true;
            $errorMessage .= "- That email is already in use.<br/>";
        }
        if(userExists($username, 'username')) {
            $alreadyExists = true;
            $errorMessage .= "- That username is already in use.<br/>";
        }
        if($alreadyExists) {
            http_response_code(409);
            echo($errorMessage);
        } else {
            if(adminAddNewUser($username, $email, $password, $role)) {
                http_response_code(200);
                echo(true);
            } else {
                http_response_code(500);
            }
        }
    }
}
```

```
        echo("Error.");
    }
}
} else {
    http_response_code(400);
    echo("Invalid input.");
}
} else {
    http_response_code(400);
}
?>
```

add-os.php

```
<?php
session_start();
include("../connection/connection.php");
include("../functions.php");
redirectTo404();
if($_SERVER['REQUEST_METHOD'] == "POST") {
    $name = $_POST['name'];

    // regular expressions
    $regExpAddOSName = "/^[A-Za-z\s]+$/";

    // validation
    $noErrors = true;
    if(!preg_match($regExpAddOSName, $name)) $noErrors = false;

    // result
    if($noErrors) {
        $alreadyExists = false;
        $errorMessage = '';
        if(exists('operatingsystems', 'name', $name)) {
            $alreadyExists = true;
            $errorMessage .= "OS with that name already exists.";
        }
        if($alreadyExists) {
            http_response_code(409);
            echo($errorMessage);
        } else {
            if(addNewOS($name)) {
                http_response_code(200);
                echo(true);
            } else {
                http_response_code(500);
                echo("Error.");
            }
        }
    } else {
        http_response_code(400);
        echo("Invalid input.");
    }
} else {
    http_response_code(400);
}
?>
```


add-device.php

```
<?php
session_start();
include("../connection/connection.php");
include("../functions.php");
redirectTo404();
if($_SERVER['REQUEST_METHOD'] == "POST") {
    $name = $_POST['name'];
    $image = $_POST['image'];
    $os = $_POST['os'];
    $brand = $_POST['brand'];
    $price = $_POST['price'];

    // regular expressions
    $regExpAddDeviceName = "/^[A-Za-z0-9\\/-\\s]+$/";
    $regExpAddDeviceImage = "/^[\\w\\-]+(\\.jpg|\\.jpeg|\\.png|\\.gif)$/";
    $regExpAddDevicePrice = "/^[0-9]+$/";

    // validation
    $noErrors = true;
    if(!preg_match($regExpAddDeviceName, $name)) $noErrors = false;
    if(!preg_match($regExpAddDeviceImage, $image)) $noErrors = false;
    if(!preg_match($regExpAddDevicePrice, $price)) $noErrors = false;
    if(!exists('operatingsystems', 'id', $os)) {
        $noErrors = false;
        http_response_code(409);
        echo("Selected OS doesn't exist.");
        die;
    }
    if(!exists('brands', 'id', $brand)) {
        $noErrors = false;
        http_response_code(409);
        echo("Selected brand doesn't exist.");
        die;
    }

    // result
    if($noErrors) {
        $alreadyExists = false;
        $errorMessage = '';
        if(exists('devices', 'name', $name)) {
            $alreadyExists = true;
            $errorMessage .= "Device with that name already exists.";
        }
        if($alreadyExists) {
            http_response_code(409);
            echo($errorMessage);
        } else {
            if(addNewDevice($name, $image, $os, $brand, $price)) {
                http_response_code(200);
                echo(true);
            }
        }
    }
}
```

```
        } else {  
            http_response_code(500);  
            echo("Error.");  
        }  
    }  
} else {  
    http_response_code(400);  
    echo("Invalid input.");  
}  
} else {  
    http_response_code(400);  
}  
}  
?>
```

add-brand.php

```
<?php
session_start();
include("../connection/connection.php");
include("../functions.php");
redirectTo404();
if($_SERVER['REQUEST_METHOD'] == "POST") {
    $name = $_POST['name'];

    // regular expressions
    $regExpAddBrandName = "/^[A-Za-z\s]+$/";

    // validation
    $noErrors = true;
    if(!preg_match($regExpAddBrandName, $name)) $noErrors = false;

    // result
    if($noErrors) {
        $alreadyExists = false;
        $errorMessage = '';
        if(exists('brands', 'name', $name)) {
            $alreadyExists = true;
            $errorMessage .= "Brand with that name already exists.";
        }
        if($alreadyExists) {
            http_response_code(409);
            echo($errorMessage);
        } else {
            if(addNewBrand($name)) {
                http_response_code(200);
                echo(true);
            } else {
                http_response_code(500);
                echo("Error.");
            }
        }
    } else {
        http_response_code(400);
        echo("Invalid input.");
    }
} else {
    http_response_code(400);
}
?>
```

add-user-form.php

```
<?php
    session_start();
    include("../../../connection/connection.php");
    include("../../../functions.php");
    redirectTo404();
    $html = "<div class='addForm'><h3 class='font-large'>Add new user</h3><form>";

    // Username
    $html .= "<div class='formGroup'>
        <label for='tbAddUserUsername'>Username:</label>
        <input type='text' autocomplete='off' name='tbAddUserUsername' id='tbAddUserUsername'
class='font-small textField' />
        <label class='errorMessage font-
small'>Username must:<ul><li>- start with a letter</li><li>- be 5 characters or longer</li>
><li>- not contain special characters other than '_'</li></ul></label>
        </div>";

    // Email
    $html .= "<div class='formGroup'>
        <label for='tbAddUserEmail'>Email:</label>
        <input type='text' autocomplete='off' name='tbAddUserEmail' id='tbAddUserEmail' class=
'font-small textField' />
        <label class='errorMessage font-small'>examplename@example.com</label>
        </div>";

    // Password
    $html .= "<div class='formGroup'>
        <label for='tbAddUserPassword'>Password:</label>
        <input type='text' autocomplete='off' name='tbAddUserPassword' id='tbAddUserPassword'
class='font-small textField' />
        <label class='errorMessage font-small'>Password must:<ul>
        <li>- contain 1 lowercase letter</li>
        <li>- contain 1 uppercase letter</li>
        <li>- contain 1 number</li>
        <li>- contain 1 special character</li>
        <li>- be 8 characters or longer</li>
        </ul></label>
        </div>";

    // Role
    $html .= "<div class='formGroup'>
        <label for='ddlRole'>Role:</label>
        <select name='ddlRole' id='ddlRole' class='font-small textField'>";
    $roles = fetchAllFromDatabase('roles');
    foreach($roles as $role) {
        $html .= "<option value='$role->id'>$role->name</option>";
    }
    $html .= "</select></div>";

    // Add button
```

```
$html .= "<span class='textCenter'><button id='btnAddUser' class='btnPrimary font-  
small'>Add user</button></span>";  
  
$html .= "</form></div>";  
  
http_response_code(200);  
$response = ["response"=>$html];  
echo(json_encode($response));  
?>
```

add-os-form.php

```
<?php
    session_start();
    include("../../../connection/connection.php");
    include("../../../functions.php");
    redirectTo404();
    $html = "<div class='addForm'><h3 class='font-large'>Add new OS</h3><form>";

    // Name
    $html .= "<div class='formGroup'>
    <label for='tbAddOSName'>Name:</label>
    <input type='text' autocomplete='off' name='tbAddOSName' id='tbAddOSName' class='font-
small textField'/>
    <label class='errorMessage font-
small'>OS name cannot contain special characters or numbers.</label>
    </div>";

    // Add button
    $html .= "<span class='textCenter'><button id='btnAddOS' class='btnPrimary font-
small'>Add OS</button></span>";

    $html .= "</form></div>";

    http_response_code(200);
    $response = ["response"=>$html];
    echo(json_encode($response));
?>
```

add-device-form.php

```
<?php
    session_start();
    include("../../../connection/connection.php");
    include("../../../functions.php");
    redirectTo404();
    $html = "<div class='addForm'><h3 class='font-large'>Add new device</h3><form>";

    // Name
    $html .= "<div class='formGroup'>
    <label for='tbAddDeviceName'>Name:</label>
    <input type='text' autocomplete='off' name='tbAddDeviceName' id='tbAddDeviceName' clas
s='font-small textField'/>
    <label class='errorMessage font-
small'>Device name cannot contain special characters other than '-' and '/'</label>
    </div>";

    // Image
    $html .= "<div class='formGroup'>
    <label for='tbAddDeviceImage'>Image name:</label>
    <input type='text' autocomplete='off' name='tbAddDeviceImage' id='tbAddDeviceImage' cl
ass='font-small textField'/>
    <label class='errorMessage font-
small'><ul><li>- Allowed formats: .jpg, .jpeg, .png, .gif</li><li>- Cannot contain special
characters other than '-' and '_'</li></ul></label>
    </div>";

    // OS
    $html .= "<div class='formGroup'>
    <label for='ddlOS'>OS:</label>
    <select name='ddlOS' id='ddlOS' class='font-small textField'>";
    $operatingSystems = fetchAllFromDatabase('operatingsystems');
    foreach($operatingSystems as $os) {
        $html .= "<option value='$os->id'>$os->name</option>";
    }
    $html .= "</select></div>";

    // Brand
    $html .= "<div class='formGroup'>
    <label for='ddlBrand'>Brand:</label>
    <select name='ddlBrand' id='ddlBrand' class='font-small textField'>";
    $brands = fetchAllFromDatabase('brands');
    foreach($brands as $brand) {
        $html .= "<option value='$brand->id'>$brand->name</option>";
    }
    $html .= "</select></div>";

    // Price
    $html .= "<div class='formGroup'>
    <label for='tbAddDevicePrice'>Price (in Euros):</label>
```

```
<input type='number' autocomplete='off' name='tbAddDevicePrice' id='tbAddDevicePrice'
class='font-small textField'/>
<label class='errorMessage font-small'>Has to be a number</label>
</div>";

// Add button
$html .= "<span class='textCenter'><button id='btnAddDevice' class='btnPrimary font-
small'>Add device</button></span>";

$html .= "</form></div>";

http_response_code(200);
$response = ["response"=>$html];
echo(json_encode($response));
?>
```


add-brand-form.php

```
<?php
    session_start();
    include("../../../connection/connection.php");
    include("../../../functions.php");
    redirectTo404();
    $html = "<div class='addForm'><h3 class='font-large'>Add new brand</h3><form>";

    // Name
    $html .= "<div class='formGroup'>
    <label for='tbAddBrandName'>Name:</label>
    <input type='text' autocomplete='off' name='tbAddBrandName' id='tbAddBrandName' class=
'font-small textField'/>
    <label class='errorMessage font-
small'>Brand name cannot contain special characters or numbers.</label>
    </div>";

    // Add button
    $html .= "<span class='textCenter'><button id='btnAddBrand' class='btnPrimary font-
small'>Add brand</button></span>";

    $html .= "</form></div>";

    http_response_code(200);
    $response = ["response"=>$html];
    echo(json_encode($response));
?>
```

3.2 CSS

style.css

```
@font-face {
  src: url("../fonts/Roboto-Regular.ttf");
  font-family: "Roboto";
}

@font-face {
  src: url("../fonts/PermanentMarker-Regular.ttf");
  font-family: "PermanentMarker";
}

* {
  margin: 0;
  padding: 0;
  -webkit-box-sizing: border-box;
  box-sizing: border-box;
  font-family: "Roboto";
  color: #141414;
}

html {
  scroll-behavior: smooth;
  scroll-padding-top: 100px;
}

body {
  background-color: #141414;
}

a {
  color: #141414;
  text-decoration: none;
}

ul {
  list-style: none;
}

.heading {
  text-align: center;
  margin-bottom: 50px;
}

.heading .underline {
  width: 40px;
  border-bottom: 3px solid #ffd247;
  display: block;
  margin: 5px auto;
}
```

```
.textCenter {
  display: block;
  text-align: center;
}

.container {
  width: 80%;
  margin: 0 auto;
}

.main {
  min-height: 90vh;
}

.cover {
  width: 100%;
  height: 100%;
  background-color: rgba(0, 0, 0, 0.7);
}

.bgWhite {
  background-color: #fff;
}

.uppercase {
  text-transform: uppercase;
}

.bold {
  font-weight: bold;
}

.font-xs {
  font-size: 12px;
}

.font-small {
  font-size: 16px;
}

.font-medium {
  font-size: 19px;
}

.font-large {
  font-size: 30px;
}

.font-xl {
  font-size: 40px;
}
```

```

.font-xxl {
  font-size: 60px;
}

#header {
  background-color: #141414;
  position: fixed;
  top: 0;
  width: 100%;
  z-index: 1;
  -webkit-transition: .2s background-color;
  transition: .2s background-color;
}

#logoAndNav {
  padding: 5px 0;
}

#logoAndNav .container {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-pack: justify;
  -ms-flex-pack: justify;
  justify-content: space-between;
  -webkit-box-align: center;
  -ms-flex-align: center;
  align-items: center;
}

#logo a h1 {
  font-family: "PermanentMarker";
  color: #ffd247;
}

#navAndCart {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-align: center;
  -ms-flex-align: center;
  align-items: center;
}

#nav ul {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
}

#nav ul li a {

```

```

    color: #fff;
    padding: 10px;
    -webkit-transition: .1s;
    transition: .1s;
}

#nav ul li a:hover {
    color: #ffd247;
}

.active {
    color: #ffd247 !important;
}

#cart {
    position: relative;
}

#cart a {
    padding: 10px;
}

#cart a i {
    color: #fff;
}

#cartNumber {
    position: absolute;
    bottom: 0;
    right: 0;
    width: 16px;
    height: 16px;
    display: -webkit-box;
    display: -ms-flexbox;
    display: flex;
    -webkit-box-pack: center;
    -ms-flex-pack: center;
    justify-content: center;
    -webkit-box-align: center;
    -ms-flex-align: center;
    align-items: center;
    background-color: #ffd247;
    border-radius: 50%;
    pointer-events: none;
}

#hamburger {
    display: none;
}

#hamburger a i {
    color: #fff;
}

```

```

padding: 10px;
}

.bgTransparent {
background-color: rgba(0, 0, 0, 0) !important;
}

#loginBar {
padding: 8px 0px;
background-color: #ffd247;
}

#loginBar .container {
display: -webkit-box;
display: -ms-flexbox;
display: flex;
-webkit-box-pack: end;
-ms-flex-pack: end;
justify-content: flex-end;
-webkit-box-align: center;
-ms-flex-align: center;
align-items: center;
}

#loginBar .container ul {
display: -webkit-box;
display: -ms-flexbox;
display: flex;
-webkit-box-align: center;
-ms-flex-align: center;
align-items: center;
}

#loginBar .container ul label {
display: -webkit-box;
display: -ms-flexbox;
display: flex;
-webkit-box-align: center;
-ms-flex-align: center;
align-items: center;
}

.btnLogin {
padding: 1px 10px;
display: block;
}

#btnRegister {
border-left: 1px solid #141414;
}

#btnAdmin {

```

```

    color: rgba(0, 0, 0, 0.7);
    padding: 1px 10px;
    display: block;
}

#btnLogout {
    padding: 1px 10px;
    display: block;
}

#loginModal {
    position: fixed;
    top: 0;
    left: 0;
    z-index: 3;
    height: 100vh;
    width: 100%;
}

#loginModal .cover {
    display: -webkit-box;
    display: -ms-flexbox;
    display: flex;
    -webkit-box-align: center;
    -ms-flex-align: center;
    align-items: center;
    -webkit-box-pack: center;
    -ms-flex-pack: center;
    justify-content: center;
}

#loginContainer {
    background-color: #fff;
    padding: 20px;
    width: 500px;
    border-radius: 10px;
    position: relative;
}

#loginContainer a {
    color: #919191;
}

#btnCloseLoginModal {
    position: absolute;
    top: 5px;
    right: 11px;
    cursor: pointer;
    border: none;
    background: none;
}

```

```

#loginModalContent {
  max-height: 80vh;
  overflow-y: auto;
}

#sideNav {
  position: fixed;
  top: 0;
  left: 0;
  width: 100%;
  height: 100%;
  z-index: 3;
}

#sideNavContent {
  width: 260px;
  background-color: #ffd247;
  height: 100%;
  overflow-y: auto;
  -webkit-transform: translateX(-100%);
  transform: translateX(-100%);
}

#sideNavContent ul li a {
  display: block;
  padding: 10px;
  -webkit-transition: .1s;
  transition: .1s;
}

#sideNavContent ul li a:hover {
  background-color: #cfaa38;
}

#sideNavContent ul li .active {
  color: #141414 !important;
  background-color: #cfaa38;
}

#slider {
  height: 100vh;
  position: relative;
  z-index: 0;
}

#slider .cover {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-pack: center;
  -ms-flex-pack: center;
  justify-content: center;
}

```



```

    -webkit-box-align: center;
    -ms-flex-align: center;
    align-items: center;
}

.slide {
    position: absolute;
    top: 0;
    left: 0;
    height: 100%;
    width: 100%;
    background-size: cover;
    background-position: center;
    background-repeat: no-repeat;
    z-index: -2;
}

#sliderText {
    width: 100%;
}

#sliderText h2, #sliderText p {
    color: #fff;
}

#sliderText h2 {
    margin-bottom: 20px;
}

#sliderText p {
    max-width: 800px;
    margin-bottom: 40px;
}

#sliderText a {
    padding: 12px;
    border-radius: 30px;
    background-color: #fff;
    -webkit-transition: .1s;
    transition: .1s;
}

#sliderText a:hover {
    background-color: #ffd247;
    color: #fff;
}

#aboutUs {
    padding: 30px 0;
}

#aboutUs .container {

```

```

display: -webkit-box;
display: -ms-flexbox;
display: flex;
-webkit-box-pack: justify;
    -ms-flex-pack: justify;
        justify-content: space-between;
-webkit-box-align: center;
    -ms-flex-align: center;
        align-items: center;
}

#aboutUsImage {
    width: 300px;
}

#aboutUsImage img {
    width: 100%;
    display: block;
}

#aboutUsText {
    text-align: right;
    max-width: 50%;
}

#aboutUsText h3 {
    color: #919191;
}

#aboutUsText h4 {
    margin-bottom: 10px;
}

#devicesMain {
    padding: 150px 0;
}

#devicesMain .container {
    display: -webkit-box;
    display: -ms-flexbox;
    display: flex;
    -webkit-box-pack: justify;
        -ms-flex-pack: justify;
            justify-content: space-between;
}

#filters {
    width: 20%;
    padding: 15px;
    background-color: #e6e6e6;
    border-radius: 5px;
    height: 0%;
}

```

```

}

#filters form {
  width: 100%;
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-orient: vertical;
  -webkit-box-direction: normal;
  -ms-flex-direction: column;
  flex-direction: column;
}

.checkboxGroup {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-align: center;
  -ms-flex-align: center;
  align-items: center;
}

.checkboxGroup input {
  margin-right: 3px;
}

#devicesContainer {
  width: 75%;
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-pack: justify;
  -ms-flex-pack: justify;
  justify-content: space-between;
  -ms-flex-wrap: wrap;
  flex-wrap: wrap;
}

#devicesContainer p {
  text-align: center;
}

.device {
  width: 27%;
  text-align: center;
  border-radius: 5px;
  overflow: hidden;
  margin-bottom: 20px;
  margin-left: auto;
  margin-right: auto;
  -webkit-transition: .3s transform;
  transition: .3s transform;
}

```

```

}

.device .deviceName {
  margin-bottom: 4px;
  word-wrap: break-word;
  font-weight: bold;
}

.device .devicePrice {
  margin-bottom: 15px;
}

.device .btnAddToCart {
  opacity: 0%;
  -webkit-transition: .3s opacity, .1s background-color !important;
  transition: .3s opacity, .1s background-color !important;
}

.deviceImage img {
  width: 100%;
  display: block;
}

.deviceText {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-orient: vertical;
  -webkit-box-direction: normal;
  -ms-flex-direction: column;
  flex-direction: column;
  padding: 7px;
}

.addToCartModal {
  position: fixed;
  top: 0;
  left: 0;
  width: 100%;
  height: 100%;
  z-index: 3;
  display: none;
  pointer-events: none;
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-pack: center;
  -ms-flex-pack: center;
  justify-content: center;
  -webkit-box-align: start;
  -ms-flex-align: start;
  align-items: flex-start;
}

```

```

}

.addToCartModalContent {
  margin-top: 100px;
  padding: 20px;
  border-radius: 5px;
  background-color: #e6e6e6;
  border: 1px solid #919191;
  max-width: 80%;
  text-align: center;
}

.cannotAdd {
  background-color: red;
  border-color: red;
}

.cannotAdd p {
  color: #fff;
}

#paging {
  width: 100%;
  margin-top: 20px;
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-pack: center;
  -ms-flex-pack: center;
  justify-content: center;
}

#paging ul {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -ms-flex-wrap: wrap;
  flex-wrap: wrap;
  -webkit-box-pack: center;
  -ms-flex-pack: center;
  justify-content: center;
}

#paging ul li a {
  display: block;
}

.btnPage {
  border-radius: 0px !important;
}

.activePage {

```

```

    background-color: #cfaa38 !important;
}

.prevPage {
    border-radius: 3px 0px 0px 3px !important;
}

.nextPage {
    border-radius: 0px 3px 3px 0px !important;
}

.disabled {
    opacity: 75%;
    pointer-events: none;
}

#contactMain {
    padding: 150px 0;
}

#contactMain .container {
    display: -webkit-box;
    display: -ms-flexbox;
    display: flex;
    -webkit-box-pack: justify;
    -ms-flex-pack: justify;
    justify-content: space-between;
}

.contactCol {
    width: 45%;
}

#contactText p {
    margin-bottom: 5px;
}

#contactForm .heading {
    margin-bottom: 30px;
}

#contactForm .heading h2 {
    font-family: 'Roboto';
}

#contactForm form {
    width: 70%;
    margin: 0 auto;
}

.formGroup {
    display: -webkit-box;

```

```

display: -ms-flexbox;
display: flex;
-webkit-box-orient: vertical;
-webkit-box-direction: normal;
    -ms-flex-direction: column;
        flex-direction: column;
margin-bottom: 10px;
}

.textField {
padding: 3px;
border: 1px solid rgba(0, 0, 0, 0.7);
border-radius: 3px;
}

input, textarea, button, select {
outline: none;
}

textarea {
resize: none;
}

.btnPrimary {
padding: 7px 13px;
background: none;
background-color: #ffd247;
border-radius: 3px;
border: none;
border-width: 0px;
cursor: pointer;
-webkit-transition: .1s !important;
transition: .1s !important;
}

.btnPrimary:hover {
background-color: #cfaa38;
}

.borderYellow {
border-color: #ffd247;
}

.borderRed {
border-color: red;
}

.errorMessage {
color: red;
display: none;
}

```

```

.errorMessage li {
  color: red;
}

.successModal {
  position: fixed;
  top: 0;
  left: 0;
  width: 100%;
  height: 100%;
  z-index: 4;
}

.successModal .cover {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-align: center;
  -ms-flex-align: center;
  align-items: center;
  -webkit-box-pack: center;
  -ms-flex-pack: center;
  justify-content: center;
}

.modalContent {
  padding: 25px;
  border-radius: 10px;
  background-color: #fff;
  position: relative;
  max-width: 50%;
  text-align: center;
}

.modalContent span {
  word-wrap: break-word;
}

.modalContent > button {
  position: absolute;
  top: 3px;
  right: 8px;
  background: none;
  border: none;
  cursor: pointer;
}

#authorMain {
  padding: 150px 0;
}

#authorMain .container {

```



```

display: -webkit-box;
display: -ms-flexbox;
display: flex;
-webkit-box-align: center;
    -ms-flex-align: center;
        align-items: center;
-webkit-box-pack: space-evenly;
    -ms-flex-pack: space-evenly;
        justify-content: space-evenly;
}

.authorCol {
    width: 45%;
}

#authorInfo {
    display: -webkit-box;
    display: -ms-flexbox;
    display: flex;
    -webkit-box-pack: center;
        -ms-flex-pack: center;
            justify-content: center;
    -webkit-box-align: center;
        -ms-flex-align: center;
            align-items: center;
    -webkit-box-orient: vertical;
    -webkit-box-direction: normal;
        -ms-flex-direction: column;
            flex-direction: column;
}

#authorInfo span {
    margin-bottom: 5px;
}

#authorImage {
    width: 300px;
    border-radius: 50%;
    overflow: hidden;
    margin-bottom: 10px;
}

#authorImage img {
    width: 100%;
    display: block;
}

#authorSocial ul {
    display: -webkit-box;
    display: -ms-flexbox;
    display: flex;
}

```

```

#authorSocial ul li {
  margin-left: 3px;
  margin-right: 3px;
}

.portfolioLink {
  margin-top: 20px;
  text-align: right;
}

#cartMain {
  padding: 130px 0;
}

#cartMain .container {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-pack: justify;
  -ms-flex-pack: justify;
  justify-content: space-between;
}

#cartList {
  width: 70%;
}

.tableWrapper {
  overflow: auto;
}

.table {
  width: 100%;
  border-radius: 5px 5px 0 0;
  overflow: hidden;
}

.table tr {
  text-align: center;
}

.table tr td {
  padding: 10px 5px;
}

.table thead tr {
  background-color: #ffd247;
}

.table tbody tr:nth-child(even) {
  background-color: #e6e6e6;
}

```

```

}

.colDeviceName {
  width: 60%;
  min-width: 300px;
}

.colPrice, .colQuantity {
  width: 15%;
}

.colPrice {
  min-width: 70px;
}

.colQuantity {
  min-width: 90px;
}

.colRemove {
  width: 10%;
  min-width: 60px;
}

.btnQuantity {
  padding: 0;
  margin: 0 5px;
  display: inline-block;
  width: 17px;
  height: 17px;
}

.btnRemove {
  background: none;
  border: none;
  padding: 5px;
  cursor: pointer;
}

.btnRemove i {
  color: red;
}

#checkout {
  width: 25%;
  border: 1px solid #919191;
  border-radius: 5px;
  padding: 10px;
  height: 0%;
}

#btnCheckout {

```

```

display: block;
width: 100%;
margin-top: 10px;
}

#footer {
background-color: #141414;
padding: 20px 0;
}

#footer .container {
display: -webkit-box;
display: -ms-flexbox;
display: flex;
-ms-flex-pack: distribute;
justify-content: space-around;
}

#footer a {
color: #fff;
-webkit-transition: .1s color;
transition: .1s color;
}

#footer a i, #footer a span {
color: #fff;
-webkit-transition: .1s;
transition: .1s;
}

#footer a:hover {
color: #ffd247;
}

#footer a:hover i, #footer a:hover span {
color: #ffd247;
}

#footer ul {
display: -webkit-box;
display: -ms-flexbox;
display: flex;
-webkit-box-orient: vertical;
-webkit-box-direction: normal;
-ms-flex-direction: column;
flex-direction: column;
}

.socialText {
margin-left: 4px;
}

```

```

#copyright {
  text-align: center;
  color: #fff;
  display: block;
  margin-top: 15px;
}

#toTop {
  width: 50px;
  height: 50px;
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-pack: center;
  -ms-flex-pack: center;
  justify-content: center;
  -webkit-box-align: center;
  -ms-flex-align: center;
  align-items: center;
  background-color: #ffd247;
  position: fixed;
  right: 50px;
  bottom: 50px;
  border-radius: 50%;
}

.arrow {
  width: 13px;
  height: 13px;
  border-top: 2px solid #141414;
  border-right: 2px solid #141414;
  -webkit-transform: rotate(-45deg);
  transform: rotate(-45deg);
  margin-top: 6px;
}

#survey {
  position: fixed;
  left: 0;
  bottom: 0;
  width: 100%;
  padding: 15px 0;
  background-color: #e6e6e6;
  z-index: 1;
}

#survey .container {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-align: center;
  -ms-flex-align: center;

```

```

        align-items: center;
    -webkit-box-pack: center;
        -ms-flex-pack: center;
        justify-content: center;
    }

#survey .container span {
    text-align: center;
    margin-right: 20px;
}

#survey .container form {
    display: -webkit-box;
    display: -ms-flexbox;
    display: flex;
}

.surveyChoices {
    display: -webkit-box;
    display: -ms-flexbox;
    display: flex;
}

.surveyRadioButton {
    display: -webkit-box;
    display: -ms-flexbox;
    display: flex;
    -webkit-box-align: center;
        -ms-flex-align: center;
        align-items: center;
    margin: 0 4px;
}

.surveyRadioButton label {
    margin-right: 2px;
}

#btnSubmitSurvey {
    margin-left: 20px;
}

#btnCloseSurveyBar {
    position: absolute;
    right: 20px;
    top: 50%;
    -webkit-transform: translateY(-50%);
        transform: translateY(-50%);
    cursor: pointer;
    border: none;
    background: none;
}

```

```

#surveyResults {
  text-align: left;
  margin-top: 10px;
}

#surveyResults li {
  margin: 5px 0;
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -webkit-box-align: center;
  -ms-flex-align: center;
  align-items: center;
}

#surveyResults li .answer {
  min-width: 20px;
}

#surveyResults li .progress {
  width: 400px;
  height: 20px;
  background-color: #e6e6e6;
  border-radius: 3px;
  overflow: hidden;
  -webkit-box-shadow: 0 1px 5px #919191 inset;
  box-shadow: 0 1px 5px #919191 inset;
  position: relative;
}

#surveyResults li .progress::before {
  content: attr(data-label);
  position: absolute;
  text-align: center;
  top: 50%;
  left: 0;
  right: 0;
  -webkit-transform: translateY(-50%);
  transform: translateY(-50%);
}

#surveyResults li .progress .progressValue {
  background-color: #ffd247;
  height: 100%;
  display: inline-block;
}

.adminHeader > .container {
  height: 60px;
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;

```

```

    -webkit-box-pack: end;
    -ms-flex-pack: end;
    justify-content: flex-end;
    -webkit-box-align: center;
    -ms-flex-align: center;
    align-items: center;
}

.adminHeader > .container #hamburger {
    display: block;
}

#adminNav ul {
    display: -webkit-box;
    display: -ms-flexbox;
    display: flex;
}

#adminNav ul li a {
    padding: 10px;
    color: #fff;
    -webkit-transition: .2s;
    transition: .2s;
}

#adminNav ul li a:hover {
    color: #ffd247;
}

#adminMain {
    background-color: #fff;
    padding: 130px 0px 30px 0px;
    min-height: 100vh;
}

.colActions {
    min-width: 150px;
}

.btnEdit {
    margin-right: 3px;
}

.btnDelete {
    background-color: #919191;
}

.btnDelete:hover {
    background-color: rgba(0, 0, 0, 0.7);
}

.btnAdminAdd {

```



```

    margin-top: 30px;
}

.messageContainer {
    margin-bottom: 30px;
}

.messageContainer p {
    word-wrap: break-word;
}

.btnDeleteMessage {
    margin-top: 20px;
}

.areYouSure {
    display: -webkit-box;
    display: -ms-flexbox;
    display: flex;
    -webkit-box-orient: vertical;
    -webkit-box-direction: normal;
    -ms-flex-direction: column;
    flex-direction: column;
}

.areYouSureButtons {
    margin-top: 10px;
}

.areYouSureButtons button {
    width: 50px;
    height: 30px;
}

.btnNo {
    margin-left: 3px;
    background-color: #e6e6e6;
}

.btnNo:hover {
    background-color: #919191;
}

.addForm form {
    text-align: left;
    margin-top: 20px;
    max-height: 80vh;
    overflow-y: auto;
    width: inherit;
}

.adminModal {

```

```

position: fixed;
top: 0;
left: 0;
width: 100%;
height: 100%;
z-index: 4;
}

.adminModal .cover {
display: -webkit-box;
display: -ms-flexbox;
display: flex;
-webkit-box-align: center;
    -ms-flex-align: center;
        align-items: center;
-webkit-box-pack: center;
    -ms-flex-pack: center;
        justify-content: center;
}

.adminModalContent {
padding: 25px;
border-radius: 10px;
background-color: #fff;
position: relative;
width: 400px;
text-align: center;
}

.adminModalContent > button {
position: absolute;
top: 3px;
right: 8px;
background: none;
border: none;
cursor: pointer;
}

#errorPage {
height: 100vh;
background-color: #e6e6e6;
}

#errorPage .container {
height: 100%;
display: -webkit-box;
display: -ms-flexbox;
display: flex;
-webkit-box-align: center;
    -ms-flex-align: center;
        align-items: center;
-webkit-box-pack: center;

```

```

        -ms-flex-pack: center;
        justify-content: center;
    -webkit-box-orient: vertical;
    -webkit-box-direction: normal;
        -ms-flex-direction: column;
        flex-direction: column;
    }

#errorPage .container a {
    color: #919191;
    margin-top: 10px;
}

@media screen and (min-width: 1201px) {
    .device:hover {
        -webkit-transform: translateY(-20px);
        transform: translateY(-20px);
        -webkit-box-shadow: 0px 0px 10px 5px #e6e6e6;
        box-shadow: 0px 0px 10px 5px #e6e6e6;
    }
    .device:hover .btnAddToCart {
        opacity: 100%;
    }
}

@media screen and (max-width: 1200px) {
    #filters {
        width: 25%;
    }
    #devicesContainer {
        width: 70%;
    }
    .device {
        width: 45%;
    }
    .device .btnAddToCart {
        opacity: 100%;
    }
    #contactForm form {
        width: 100%;
    }
}

@media screen and (max-width: 992px) {
    #aboutUs .container {
        -webkit-box-orient: vertical;
        -webkit-box-direction: normal;
        -ms-flex-direction: column;
        flex-direction: column;
    }
    #aboutUsImage {
        margin-bottom: 30px;
    }
}

```

```

}
#aboutUsText {
  text-align: center;
  max-width: 70%;
}
#devicesMain .container {
  -webkit-box-orient: vertical;
  -webkit-box-direction: normal;
  -ms-flex-direction: column;
  flex-direction: column;
}
#filters {
  margin-bottom: 40px;
  width: 100%;
  -webkit-box-orient: horizontal;
  -webkit-box-direction: normal;
  -ms-flex-direction: row;
  flex-direction: row;
}
#devicesContainer {
  width: 100%;
}
#contactMain {
  padding: 95px 0;
}
#contactMain .container {
  -webkit-box-orient: vertical;
  -webkit-box-direction: normal;
  -ms-flex-direction: column;
  flex-direction: column;
  -webkit-box-align: center;
  -ms-flex-align: center;
  align-items: center;
}
.contactCol {
  width: 60%;
}
#contactText {
  margin-bottom: 40px;
}
.modalContent {
  max-width: 80%;
}
#authorMain .container {
  -webkit-box-orient: vertical;
  -webkit-box-direction: normal;
  -ms-flex-direction: column;
  flex-direction: column;
}
#authorText {
  margin-top: 20px;
  text-align: center;
}

```

```

}
.authorCol {
  width: 70%;
}
.portfoliolink {
  text-align: center;
}
#cartMain {
  padding: 90px 0;
}
#cartMain .container {
  -webkit-box-orient: vertical;
  -webkit-box-direction: normal;
  -ms-flex-direction: column;
  flex-direction: column;
}
#cartList {
  width: 100%;
  -webkit-box-ordinal-group: 3;
  -ms-flex-order: 2;
  order: 2;
}
#checkout {
  width: 100%;
  -webkit-box-ordinal-group: 2;
  -ms-flex-order: 1;
  order: 1;
  margin-bottom: 20px;
}
}

@media screen and (max-width: 768px) {
  .font-xs {
    font-size: 10px;
  }
  .font-small {
    font-size: 14px;
  }
  .font-medium {
    font-size: 17px;
  }
  .font-large {
    font-size: 25px;
  }
  .font-xl {
    font-size: 30px;
  }
  .font-xxl {
    font-size: 40px;
  }
  .container {
    width: 90%;
  }
}

```

```

}
#logo {
  width: 100px;
}
#nav {
  display: none;
}
#hamburger {
  display: block;
}
#sliderText {
  text-align: center;
}
#devicesMain {
  padding: 120px 0px;
}
#contactMain {
  padding: 120px 0;
}
.contactCol {
  width: 70%;
}
#authorMain {
  padding: 120px 0;
}
#cartMain {
  padding: 120px 0;
}
#survey .container {
  -webkit-box-orient: vertical;
  -webkit-box-direction: normal;
  -ms-flex-direction: column;
  flex-direction: column;
}
#survey .container span {
  margin-bottom: 10px;
  margin-right: 0;
  max-width: 70%;
}
#survey .container form {
  -webkit-box-orient: vertical;
  -webkit-box-direction: normal;
  -ms-flex-direction: column;
  flex-direction: column;
}
#survey .container form .surveyChoices {
  margin-bottom: 10px;
}
#survey .container form #btnSubmitSurvey {
  margin-left: 0;
}
}

```

```

@media screen and (max-width: 576px) {
  #loginContainer {
    width: 85%;
  }
  #aboutUsImage {
    width: 70%;
  }
  #aboutUsText {
    max-width: 100%;
  }
  .device {
    width: 80%;
  }
  .contactCol {
    width: 90%;
  }
  #authorImage {
    width: 80%;
  }
  .authorCol {
    width: 90%;
  }
  #footer .container {
    -webkit-box-orient: vertical;
    -webkit-box-direction: normal;
    -ms-flex-direction: column;
    flex-direction: column;
    -webkit-box-align: center;
    -ms-flex-align: center;
    align-items: center;
    -webkit-box-pack: center;
    -ms-flex-pack: center;
    justify-content: center;
  }
  #footer ul {
    -webkit-box-orient: horizontal;
    -webkit-box-direction: normal;
    -ms-flex-direction: row;
    flex-direction: row;
    margin-bottom: 10px;
  }
  #footer ul li a {
    padding: 5px;
  }
  .socialText {
    display: none;
  }
  #toTop {
    right: 25px;
    bottom: 25px;
  }
}

```

```
.adminModalContent {  
  width: 85%;  
}  
}  
/*# sourceMappingURL=style.css.map */
```


3.3 JavaScript/jQuery

main.js

```
$(document).ready(function() {
    // LOGIN MODAL
    $('.btnLogin').click(function(e) {
        e.preventDefault();
    });

    $('#btnLogin').click(function() {
        openLoginModal('login');
    });

    $('#btnRegister').click(function() {
        openLoginModal('register');
    });

    function openLoginModal(data) {
        $('body').append("<div id='loginModal'><div class='cover'><div id='loginContainer'><div id='loginModalContent'></div><button id='btnCloseLoginModal' class='font-medium'><i class='fas fa-times'></i></button></div></div></div>");
        loginModalContent(data);
        $('#loginModal .cover, #btnCloseLoginModal').mousedown(closeLoginModal);
        $('#loginContainer').mousedown(function(e) {
            e.stopPropagation();
        });
        $('#loginModal .cover, #loginContainer').hide();
        $('#loginModal .cover').fadeIn('fast', function() {
            $('#loginContainer').fadeIn('fast');
        });
    }

    function closeLoginModal() {
        $('#loginContainer').fadeOut('fast', function() {
            $('#loginModal .cover').fadeOut('fast', function() {
                $('#loginModal').remove();
            });
        });
    }

    function loginModalContent(data) {
        let html;
        if(data == 'login') {
            html = "<h3 class='font-large textCenter'>Log in</h3><form class='font-small'><div class='formGroup'><label for='tbLoginEmail'>Email:</label><input type='email' id='tbLoginEmail' class='textField font-small' autocomplete='off'/><label class='errorMessage font-small'>example@example.com</label></div><div class='formGroup'><label for='tbLoginPassword'>Password:</label><input type='password' id='tbLoginPassword' class='textField font-small'><label class='errorMessage font-small'>Your password must:<ul><li>- contain 1 lowercase letter</li><li>- contain 1 upperca
```

```

se letter</li><li>- contain 1 number</li><li>- contain 1 special character</li><li>- be 8
characters or longer</li></ul></label></div><div class='formGroup'><button id='btnLoginSub
mit' class='btnPrimary font-
small'>Log in</button></div></form><a href='#' id='changeToRegister' class='font-
small'>Not a user? Register here</a>";
    } else {
        html = "<h3 class='font-large textCenter'>Register</h3><form class='font-
small'><div class='formGroup'><label for='tbRegisterUsername'>Username:</label><input type
='text' id='tbRegisterUsername' maxlength='20' class='textField font-
small' autocomplete='off'/><label class='errorMessage font-
small'>Your username must:<ul><li>- start with a letter</li><li>- be 5 characters or longe
r</li><li>- not contain special characters other than '_'</li></ul></label></div><div clas
s='formGroup'><label for='tbRegisterEmail'>Email:</label><input type='email' id='tbRegiste
rEmail' class='textField font-small' autocomplete='off'/><label class='errorMessage font-
small'>example@example.com</label></div><div class='formGroup'><label for='tbRegisterP
assword'>Password:</label><input type='password' id='tbRegisterPassword' class='textField
font-small'/><label class='errorMessage font-
small'>Your password must:<ul><li>- contain 1 lowercase letter</li><li>- contain 1 upperca
se letter</li><li>- contain 1 number</li><li>- contain 1 special character</li><li>- be 8
characters or longer</li></ul></label></div><div class='formGroup'><label for='tbRegisterR
epeatPassword'>Repeat Password:</label><input type='password' id='tbRegisterRepeatPasswor
d' class='textField font-small'/><label class='errorMessage font-
small'>Passwords don't match</label></div><div class='formGroup'><button id='btnRegisterSu
bmit' class='btnPrimary font-
small'>Register</button></div></form><a href='#' id='changeToLogin' class='font-
small'>Already have an account? Log in</a>";
    }
    $('#loginModalContent').html(html);
    $('#loginModalContent a').click(function(e) {
        e.preventDefault();
        if($(this).attr('id') == 'changeToRegister') loginModalContent('register');
        else loginModalContent('login');
    });

    // form validation
    if(data == 'login') {
        // LOGIN
        // email
        var regExpLoginEmail = /^[a-z][a-z0-9-_\.] {2,} @([a-z0-9-_\.] {2,} \. )+[a-z]{2,} $/;
        var $tbLoginEmail = $('#tbLoginEmail');
        $tbLoginEmail.blur(checkLoginEmail);
        function checkLoginEmail() {
            checkRegExp($tbLoginEmail, regExpLoginEmail);
        }

        // password
        var regExpLoginPassword = /^(?=.*[a-z])(?=.*[A-Z])(?=.*[0-
9])(?=.*[!@#$%^&*])(?=.*{8,})/;
        var $tbLoginPassword = $('#tbLoginPassword');
        $tbLoginPassword.blur(checkLoginPassword);
        function checkLoginPassword() {
            checkRegExp($tbLoginPassword, regExpLoginPassword);
        }
    }
}

```

```

    }

    // form submission
    var checkLoginFunctions = [checkLoginEmail, checkLoginPassword];
    $('#btnLoginSubmit').click(function(e) {
        submitForm(checkLoginFunctions);
        if(noErrors) {
            ajaxCallback('assets/php/forms/login-form-
validation.php', 'post', function() {
                location.reload();
            }, {
                "email": $('#tbLoginEmail').val(),
                "password": $('#tbLoginPassword').val()
            });
        }
        e.preventDefault();
    });
} else {
    // REGISTRATION
    // username
    var regExpRegisterUsername = /^[a-zA-Z]\w{4,}$/;
    var $tbRegisterUsername = $('#tbRegisterUsername');
    $tbRegisterUsername.blur(checkRegisterUsername);
    function checkRegisterUsername() {
        checkRegExp($tbRegisterUsername, regExpRegisterUsername);
    }

    // email
    var regExpRegisterEmail = /^[a-z][a-z0-9-_\.\.]{2,}@([a-z0-9-_\.\.]{2,})+[a-
z]{2,}$/;
    var $tbRegisterEmail = $('#tbRegisterEmail');
    $tbRegisterEmail.blur(checkRegisterEmail);
    function checkRegisterEmail() {
        checkRegExp($tbRegisterEmail, regExpRegisterEmail);
    }

    // password
    var regExpRegisterPassword = /^(?=.*[a-z])(?=.*[A-Z])(?=.*[0-
9])(?=.*[!@#$%^&*])(?=.*{8,})/;
    var $tbRegisterPassword = $('#tbRegisterPassword');
    $tbRegisterPassword.blur(checkRegisterPassword);
    function checkRegisterPassword() {
        checkRegExp($tbRegisterPassword, regExpRegisterPassword);
        if($('#tbRegisterRepeatPassword').val() != '') checkRegisterRepeatPassword
    );
    }

    // repeat password
    var $tbRegisterRepeatPassword = $('#tbRegisterRepeatPassword');
    $tbRegisterRepeatPassword.blur(checkRegisterRepeatPassword);
    function checkRegisterRepeatPassword() {

```

```

        if($($tbRegisterPassword).hasClass('borderYellow') && $($tbRegisterRepeatP
assword).val() == $($tbRegisterPassword).val()) {
            fieldCorrect($tbRegisterRepeatPassword);
        } else {
            fieldIncorrect($tbRegisterRepeatPassword);
        }
    }

    // form submission
    var checkRegisterFunctions = [checkRegisterEmail, checkRegisterPassword, check
RegisterRepeatPassword, checkRegisterUsername];
    $('#btnRegisterSubmit').click(function(e) {
        submitForm(checkRegisterFunctions);
        if(noErrors) {
            ajaxCallback('assets/php/forms/register-form-
validation.php', 'post', function(output) {
                clearForm($('#loginModalContent form'));
                closeLoginModal();
                openModal(output.response);
            }, {
                "username": $('#tbRegisterUsername').val(),
                "email": $('#tbRegisterEmail').val(),
                "password": $('#tbRegisterPassword').val(),
                "repeatPassword": $('#tbRegisterRepeatPassword').val(),
            });
        }
        e.preventDefault();
    });
}

// ACTIVE CLASS
addActiveClass();

function addActiveClass() {
    var currentPage = location.pathname;
    var pageRegExp = /[\\.\html)|\\.\php)]$/;
    if(!currentPage.match(pageRegExp)) currentPage = '/index.php';
    currentPage = currentPage.substring(currentPage.lastIndexOf('/') + 1, currentPage.
length);
    $('#nav ul li a, #sideNavContent ul li a').each(function() {
        $this = $(this);
        if($this.attr('href').indexOf(currentPage) != -1){
            $this.addClass('active');
            $this.click(function(e) {
                e.preventDefault();
            });
        }
    });
}

// CART

```

```

$('#cart a').click(function(e) {
    ajaxCallback("assets/php/cart-access.php", "get", function() {
        location.href = "cart.php";
    });
    e.preventDefault();
});

printCartNumber();

// SIDENAV
$('#sideNavContent').css('transition', `transform ${sideNavOpenDuration / 1000}s`);
$('#sideNav').hide();
$('#hamburger a').click(function(e) {
    $('#sideNav').fadeIn('fast', function() {
        $('#sideNavContent').css('transform', 'translateX(0px)');
    });
    e.preventDefault();
});
$('#sideNav .cover').click(closeSideNav);
$('#sideNavContent').click(function(e) {
    e.stopPropagation();
});

// SCROLL TO TOP
$('body').append('<a href="#" id="toTop"><span class="arrow"></span></div>');
$('#toTop').click(function(e) {
    $(document).scrollTop(0);
    e.preventDefault();
}).hide();
$(document).scroll(function() {
    if($(this).scrollTop() >= 200) $('#toTop').fadeIn('fast');
    else $('#toTop').fadeOut('fast');
});

// FORM SUBMIT ON ENTER
$('.textField').keydown(function(e) {
    if(e.keyCode == 13) {
        e.preventDefault();
    }
});

// SURVEY
$('#btnSubmitSurvey').click(function(e) {
    e.preventDefault();
    let rating = $('#rbSurvey:checked').val();
    if(rating) {
        ajaxCallback("assets/php/forms/survey-submission.php", "get", function() {
            location.reload();
        }, {
            "rating": rating
        });
    } else {

```

```

        openModal("Please choose one of the options.");
    }
});

$('#btnSurveyResults').click(function() {
    ajaxCallback("assets/php/pages/survey-results.php", "get", function(output) {
        openModal(output.response);
    });
});

$('#btnCloseSurveyBar').click(function() {
    ajaxCallback("assets/php/close-survey-bar.php", "get", function() {
        $('#survey').slideUp('fast', function() {
            $(this).remove();
        });
    });
});
});

// AJAX
function ajaxCallback(file, requestMethod, result, requestData = {}) {
    $.ajax({
        url: file,
        method: requestMethod,
        data: requestData,
        dataType: 'json',
        success: result,
        error: function(xhr) {
            if(xhr.status == 500) {
                console.error(xhr.responseText);
            } else if(xhr.status != 400) {
                openModal(xhr.responseText);
            }
        }
    });
}

// LOCAL STORAGE
function loadLocalStorage(data) {
    let cookie = [];
    if(localStorage.getItem(data) != null) {
        cookie = JSON.parse(localStorage.getItem(data));
    }
    return cookie;
}

function updateLocalStorage(data, cookie) {
    localStorage.setItem(cookie, JSON.stringify(data));
}

// CART NUMBER
function printCartNumber() {

```

```
let cartDevices = loadLocalStorage('cart');
var numberOfDevices = 0;
for(let i in cartDevices) {
    numberOfDevices += cartDevices[i].quantity;
}
$('#cartNumber').html(numberOfDevices);
}

// SIDENAV
const sideNavOpenDuration = 200;
function closeSideNav() {
    $('#sideNavContent').css('transform', 'translateX(-100%)');
    setTimeout(function() {
        $('#sideNav').fadeOut('fast');
    }, sideNavOpenDuration);
}
```

home.js

```
$(document).ready(function() {  
    // TRANSPARENT HEADER  
    if($(document).scrollTop() < $('#header').outerHeight()) $('#header').addClass('bgTransparent');  
  
    $(document).scroll(function() {  
        if($(document).scrollTop() > $('#header').outerHeight()) $('#header').removeClass('bgTransparent');  
        else $('#header').addClass('bgTransparent');  
    });  
  
    // SLIDESHOW  
    $('.slide:not(:first)').hide();  
  
    var sliderImages = $('.slide');  
    var currentSlide = 0;  
    var previousSlide;  
    var sliderInterval = 5000;  
  
    setInterval(changeSlide, sliderInterval);  
  
    function changeSlide() {  
        previousSlide = currentSlide;  
        currentSlide++;  
        if(currentSlide >= sliderImages.length) currentSlide = 0;  
        $('.slide').eq(currentSlide).css('z-index', '-1').fadeIn(function() {  
            $('.slide').eq(previousSlide).hide();  
        });  
        $('.slide').eq(previousSlide).css('z-index', '-2');  
    }  
});
```


form-validation.js

```
var noErrors;

function checkRegExp(field, regExp) {
    if(field.val().match(regExp)) fieldCorrect(field);
    else fieldIncorrect(field);
}

function fieldCorrect(field) {
    $(field).addClass('borderYellow');
    $(field).removeClass('borderRed');
    $(field).siblings('.errorMessage').slideUp();
}

function fieldIncorrect(field) {
    $(field).addClass('borderRed');
    $(field).removeClass('borderYellow');
    $(field).siblings('.errorMessage').slideDown();
    noErrors = false;
}

function fieldNeutral(field) {
    $(field).removeClass('borderRed');
    $(field).removeClass('borderYellow');
    $(field).siblings('.errorMessage').slideUp();
}

function submitForm(checkFunctions, form = false, message = false) {
    noErrors = true;
    for(var f of checkFunctions) {
        f();
    }
    if(noErrors) {
        if(form) clearForm(form);
        if(message) openModal(message);
    }
}

function clearForm(form) {
    $(form).find('.textField').val('').removeClass('borderYellow');
}

function openModal(message) {
    $('body').append('<div class="successModal"><div class="cover"><div class="modalContent"><span class="font-small">${message}</span><button class="font-medium btnCloseModal"><i class="fas fa-times"></i></button></div></div></div>');
    $('.successModal, .modalContent').hide();
    $('.successModal .cover, .btnCloseModal').click(closeModal);
    $('.modalContent').click(function(e) {
        e.stopPropagation();
    });
});
```

```
    $('.successModal').fadeIn('fast', function() {  
        $('.modalContent').fadeIn('fast');  
    });  
}  
  
function closeModal() {  
    $('.modalContent').fadeOut('fast', function() {  
        $('.successModal').fadeOut('fast', function() {  
            $('.successModal').remove();  
        });  
    });  
}
```

devices.js

```
var currentPage = 1;

$(document).ready(function() {
    // PRICE RANGE
    function printPriceRangeValue() {
        $('#priceRange').html('< ${$('#rnPrice').val()}€');
    }

    printPriceRangeValue();

    $('#rnPrice').on('input', printPriceRangeValue);

    // DEVICES
    filterDevices();

    function filterDevices(resetPage = false) {
        if(resetPage) currentPage = 1;
        let data = {
            "search": getFilter('#tbSearch'),
            "order": getFilter('#ddlOrder'),
            "os": getFilter('.chbOS'),
            "brand": getFilter('.chbBrand'),
            "priceRange": getFilter('#rnPrice'),
            "page": currentPage
        };

        ajaxCallback('assets/php/device-filtering.php', 'get', function(output) {
            $('#devicesContainer').html(output.response);
            $('.btnAddToCart').click(function() {
                addToCart(this);
            });
            enablePaging();
        }, data);
    }

    function getFilter(data) {
        if(data.startsWith('#')) return $('#data').val();
        else if(data.startsWith('.')) {
            let arr = [];
            for(let el of $(data)) {
                if(el.checked) arr.push(el.value);
            }
            return arr;
        }
    }
}

// FILTERING
$('#tbSearch').keyup(function() {
    filterDevices(true);
});
```

```

$('.filterAction').change(function() {
    filterDevices(true);
});

// ADDING TO CART
function addToCart(btn) {
    let cartDevices = loadLocalStorage('cart');
    var deviceId = parseInt($(btn).data('id'));
    var isInCart = false;
    var index;
    for(let i in cartDevices) {
        if(deviceId == cartDevices[i].id) {
            index = i;
            isInCart = true;
            break;
        }
    }
    if(isInCart) {
        if(cartDevices[index].quantity < 10) {
            cartDevices[index].quantity++;
            updateLocalStorage(cartDevices, 'cart');
            successfullyAddedModal();
            printCartNumber();
        }
        else cannotAddModal();
    } else {
        ajaxCallback('assets/php/add-to-cart.php', 'get', function(output) {
            cartDevices.push({
                "id": output.id,
                "name": output.name,
                "price": output.price,
                "quantity": 1
            });
            updateLocalStorage(cartDevices, 'cart');
            successfullyAddedModal();
            printCartNumber();
        }, {"deviceId": deviceId});
    }
}

function addToCartModal(modal) {
    $('body').append(modal);
    modal.hide();
    modal.fadeIn('fast');
    setTimeout(function() {
        modal.fadeOut('fast', function() {
            modal.remove();
        });
    }, 2000);
}

function successfullyAddedModal() {

```

```

        var modal = $('<div class="addToCartModal"><div class="addToCartModalContent"><p c
lass="font-small">Item has been succesfully added to your cart.</p></div></div>');
        addToCartModal(modal);
    }

    function cannotAddModal() {
        var modal = $('<div class="addToCartModal"><div class="addToCartModalContent canno
tAdd"><p class="font-
small">You can't have more than 10 of the same device in your cart.</p></div></div>');
        addToCartModal(modal);
    }

    // PAGING
    function enablePaging() {
        $('.btnPage').removeClass('disabled').eq(currentPage - 1).addClass('activePage');
        if(currentPage == 1) $('.prevPage').addClass('disabled');
        if(currentPage == $('.btnPage').length) $('.nextPage').addClass('disabled');
        $('#paging a').click(function(e) {
            e.preventDefault();
            if(!$(this).hasClass('disabled')) {
                if($(this).hasClass('prevPage') || $(this).hasClass('nextPage')) {
                    if($(this).hasClass('prevPage')) {
                        if(currentPage > 1) currentPage--;
                    }
                    else if(currentPage < $('.btnPage').length) currentPage++;
                    $('.btnPage').removeClass('activePage').eq(currentPage - 1).addClass('
activePage');
                } else {
                    $('.btnPage').removeClass('activePage');
                    $(this).addClass('activePage');
                    currentPage = $(this).data('page')
                }
                filterDevices();
            }
        });
    }
});

```

contact.js

```
$(document).ready(function() {  
    // FORM VALIDATION  
    // NAME  
    var regExpName = /^[A-ZŠĐČĆŽ][a-zšđčćž]{2,}(\s[A-ZŠĐČĆŽ][a-zšđčćž]{2,})*/$;/  
    var $tbName = $('#tbName');  
    $tbName.blur(checkName);  
    function checkName() {  
        checkRegExp($tbName, regExpName);  
    }  
  
    // EMAIL  
    var regExpEmail = /^[a-z][a-z0-9-_\.\.]{2,}@([a-z0-9-_\.\.]{2,}\.)+[a-z]{2,}$/;  
    var $tbEmail = $('#tbEmail');  
    $tbEmail.blur(checkEmail);  
    function checkEmail() {  
        checkRegExp($tbEmail, regExpEmail);  
    }  
  
    // MESSAGE  
    var $tbMessage = $('#tbMessage');  
    function checkMessage() {  
        var numberOfSpaces = tbMessage.value.replace(/^[^\s]/mg, "").length;  
        if(tbMessage.value.length - numberOfSpaces < 20 || tbMessage.value.length > 500) {  
            fieldIncorrect($tbMessage);  
        } else {  
            fieldCorrect($tbMessage);  
        }  
    }  
    $tbMessage.blur(checkMessage);  
  
    // FORM SUBMISSION  
    var checkFunctions = [checkName, checkEmail, checkMessage];  
    $('#btnSend').click(function(e) {  
        submitForm(checkFunctions);  
        if(noErrors) {  
            let data = {  
                "email": $('#tbEmail').val(),  
                "name": $('#tbName').val(),  
                "message": $('#tbMessage').val()  
            };  
            ajaxCallback('assets/php/forms/contact-form-validation.php', 'post', function(output) {  
                clearForm($('#contactForm form'));  
                openModal(output.response);  
            }, data);  
        }  
        e.preventDefault();  
    });  
});
```

cart.js

```
$(document).ready(function() {  
    // CART LIST  
    function printCartDevices() {  
        let cartDevices = loadLocalStorage('cart');  
        $('#cartList tbody').html('');  
        for(let i in cartDevices) {  
            var currentDevice = cartDevices[i];  
            $('#cartList tbody').append(`|
id="${currentDevice.id}" class="cartItem"><td class="colDeviceName">${currentDevice.name}<  
</td><td class="colPrice">${currentDevice.price}</td><td class="colQuantity"><button class=  
="btnPrimary btnQuantity btnDecrease"><span>-  
</span></button><span class="quantity">${currentDevice.quantity}</span><button class="btnP  
rimary btnQuantity btnIncrease"><span>+</span></button></td><td class="colRemove"><button  
class="btnRemove"><i class="fas fa-minus"></i></button></td></tr>`);  
        }  
    }  
  
    printCartDevices();  
  
    // BUTTON QUANTITY  
    $('.btnQuantity').click(function() {  
        let cartDevices = loadLocalStorage('cart');  
        var deviceId = parseInt($(this).parents('tr').data('id'));  
        var index;  
        for(let i in cartDevices) {  
            if(deviceId == cartDevices[i].id) {  
                index = i;  
                break;  
            }  
        }  
        if($(this).hasClass('btnIncrease')) {  
            if(cartDevices[index].quantity < 10) {  
                cartDevices[index].quantity++;  
                updateLocalStorage(cartDevices, 'cart');  
            }  
        } else {  
            if(cartDevices[index].quantity > 1) {  
                cartDevices[index].quantity--;  
                updateLocalStorage(cartDevices, 'cart');  
            }  
        }  
        $(this).siblings('.quantity').html(cartDevices[index].quantity);  
        printCartNumber();  
        printTotalPrice();  
    });  
  
    // BUTTON REMOVE  
    $('.btnRemove').click(function() {  
        let cartDevices = loadLocalStorage('cart');  
        var deviceId = parseInt($(this).parents('tr').data('id'));
```

```

        for(let i in cartDevices) {
            if(cartDevices[i].id == deviceId) {
                removeDevice(i);
                break;
            }
        }
        printCartNumber();
        printTotalPrice();
        $(this).parents('tr').remove();
    });

function removeDevice(index) {
    let cartDevices = loadLocalStorage('cart');
    cartDevices.splice(index, 1);
    updateLocalStorage(cartDevices, 'cart');
}

// TOTAL PRICE
var totalPrice;
function printTotalPrice() {
    let cartDevices = loadLocalStorage('cart');
    totalPrice = 0;
    for(let i in cartDevices) totalPrice += cartDevices[i].price * cartDevices[i].quantity;
    $('#totalPrice').html(`Total Price: <span class="bold">${totalPrice}€</span>`).attr('data-price', totalPrice);
}

printTotalPrice();

// FORM VALIDATION
// NAME
var regExpName = /^[A-ZŠĐČŽ][a-zšđčž]{2,}(\s[A-ZŠĐČŽ][a-zšđčž]{2,})+$/;
var $tbName = $('#tbName');
$tbName.blur(checkName);
function checkName() {
    checkRegExp($tbName, regExpName);
}

// EMAIL
var regExpEmail = /^[a-z][a-z0-9-_.]{2,}@([a-z0-9-_.]{2,}\.)+[a-z]{2,}$/;
var $tbEmail = $('#tbEmail');
$tbEmail.blur(checkEmail);
function checkEmail() {
    checkRegExp($tbEmail, regExpEmail);
}

// ADDRESS
var regExpAddress = /^[A-ZŠĐČŽ][a-zšđčž]{2,}(\s[A-ZŠĐČŽa-zšđčž][a-zšđčž]{2,})*\s\d+[A-Z]?(\s\d+)*$/;
var $tbAddress = $('#tbAddress');
$tbAddress.blur(checkAddress);

```



```

function checkAddress() {
    checkRegExp($tbAddress, regExpAddress);
}

// CHECKOUT BUTTON
var checkFunctions = [checkName, checkEmail, checkAddress];
$('#btnCheckout').click(function() {
    if($('.cartItem').length != 0) {
        submitForm(checkFunctions);
        if(noErrors) {
            ajaxCallback('assets/php/forms/checkout-form-
validation.php', 'post', function(output) {
                openModal(output.response);
                emptyCart();
                clearForm($('#checkout form'));
            }, {
                "name": $('#tbName').val(),
                "email": $('#tbEmail').val(),
                "address": $('#tbAddress').val(),
                "totalPrice": $('#totalPrice').data('price'),
                "details": loadLocalStorage('cart')
            });
        }
    } else openModal('Your cart is empty!');
});

function emptyCart() {
    updateLocalStorage([], 'cart');
    printCartDevices();
    printTotalPrice();
    printCartNumber();
}
});

```

admin.js

```
$(document).ready(function() {
    // SECTIONS
    printAdminSection('print-users.php');

    function printAdminSection(fileName) {
        ajaxCallback(`assets/php/admin/${fileName}`, 'get', function(output) {
            $('#adminMain .container').html(output.response);
            addAdminEvents();
        });
    }

    $('#sideNavContent a').click(function(e) {
        e.preventDefault();
        closeSideNav();
        let href = $(this).attr('href');
        printAdminSection(href);
    });

    // BUTTONS
    function addAdminEvents() {
        // ADDING
        $('.btnAdminAdd').click(function() {
            let formFile = $(this).data('form');
            ajaxCallback(`assets/php/admin/adding/forms/${formFile}`, 'get', function(output) {
                adminModal(output.response);
                addingEvents(formFile);
            });
        });

        // adding events
        function addingEvents(formFile) {
            if(formFile == 'add-user-form.php') {
                // username
                var regExpAddUserUsername = /^[a-zA-Z]\w{4,}$/;
                var $tbAddUserUsername = $('#tbAddUserUsername');
                $tbAddUserUsername.blur(checkAddUserUsername);
                function checkAddUserUsername() {
                    checkRegExp($tbAddUserUsername, regExpAddUserUsername);
                }

                // email
                var regExpAddUserEmail = /^[a-z][a-z0-9-_\.\.]{2,}@[a-z0-9-_\.\.]{2,}\.[a-z]{2,}$/;
                var $tbAddUserEmail = $('#tbAddUserEmail');
                $tbAddUserEmail.blur(checkAddUserEmail);
                function checkAddUserEmail() {
                    checkRegExp($tbAddUserEmail, regExpAddUserEmail);
                }
            }
        }
    }
});
```

```

        // password
        var regExpAddUserPassword = /^(?=.*[a-z])(?=.*[A-Z])(?=.*[0-9])(?=.*[!@#$%^&*])(?=.*{8,})/;
        var $tbAddUserPassword = $('#tbAddUserPassword');
        $tbAddUserPassword.blur(checkAddUserPassword);
        function checkAddUserPassword() {
            checkRegExp($tbAddUserPassword, regExpAddUserPassword);
        }

        // form submission
        var checkAddUserFunctions = [checkAddUserEmail, checkAddUserPassword, checkAddUserUsername];
        $('#btnAddUser').click(function(e) {
            let printFile = $('.adminSection').data('print');
            submitForm(checkAddUserFunctions);
            if(noErrors) {
                ajaxCallback('assets/php/admin/adding/add-user.php', 'post', function() {
                    closeAdminModal();
                    printAdminSection(printFile);
                }, {
                    "username": $('#tbAddUserUsername').val(),
                    "email": $('#tbAddUserEmail').val(),
                    "password": $('#tbAddUserPassword').val(),
                    "role": $('#ddlRole').val()
                });
            }
            e.preventDefault();
        });
    } else if(formFile == 'add-device-form.php') {
        // name
        var regExpAddDeviceName = /^[A-Za-z0-9\-\_\s]+$/;
        var $tbAddDeviceName = $('#tbAddDeviceName');
        $tbAddDeviceName.blur(checkAddDeviceName);
        function checkAddDeviceName() {
            checkRegExp($tbAddDeviceName, regExpAddDeviceName);
        }

        // image
        var regExpAddDeviceImage = /^[\w\-\s]+(\.jpg|\.jpeg|\.png|\.gif)$/;
        var $tbAddDeviceImage = $('#tbAddDeviceImage');
        $tbAddDeviceImage.blur(checkAddDeviceImage);
        function checkAddDeviceImage() {
            checkRegExp($tbAddDeviceImage, regExpAddDeviceImage);
        }

        // price
        var regExpAddDevicePrice = /^[0-9]+$/;
        var $tbAddDevicePrice = $('#tbAddDevicePrice');
        $tbAddDevicePrice.blur(checkAddDevicePrice);
        function checkAddDevicePrice() {
            checkRegExp($tbAddDevicePrice, regExpAddDevicePrice);
        }
    }
}

```

```

    }

    // form submission
    var checkAddDeviceFunctions = [checkAddDeviceName, checkAddDeviceImage, checkAddDevicePrice];
    $('#btnAddDevice').click(function(e) {
        let printFile = $('.adminSection').data('print');
        submitForm(checkAddDeviceFunctions);
        if(noErrors) {
            ajaxCallback('assets/php/admin/adding/add-device.php', 'post', function() {
                closeAdminModal();
                printAdminSection(printFile);
            }, {
                "name": $('#tbAddDeviceName').val().trim(),
                "image": $('#tbAddDeviceImage').val(),
                "os": $('#ddlOS').val(),
                "brand": $('#ddlBrand').val(),
                "price": $('#tbAddDevicePrice').val()
            });
        }
        e.preventDefault();
    });
} else if(formFile == 'add-brand-form.php') {
    // name
    var regExpAddBrandName = /^[A-Za-z\s]+$/;
    var $tbAddBrandName = $('#tbAddBrandName');
    $tbAddBrandName.blur(checkAddBrandName);
    function checkAddBrandName() {
        checkRegExp($tbAddBrandName, regExpAddBrandName);
    }

    // form submission
    var checkAddBrandFunctions = [checkAddBrandName];
    $('#btnAddBrand').click(function(e) {
        let printFile = $('.adminSection').data('print');
        submitForm(checkAddBrandFunctions);
        if(noErrors) {
            ajaxCallback('assets/php/admin/adding/add-brand.php', 'post', function() {
                closeAdminModal();
                printAdminSection(printFile);
            }, {
                "name": $('#tbAddBrandName').val().trim()
            });
        }
        e.preventDefault();
    });
} else if(formFile == 'add-os-form.php') {
    // name
    var regExpAddOSName = /^[A-Za-z\s]+$/;
    var $tbAddOSName = $('#tbAddOSName');

```

```

        $tbAddOSName.blur(checkAddOSName);
        function checkAddOSName() {
            checkRegExp($tbAddOSName, regExpAddOSName);
        }

        // form submission
        var checkAddOSFunctions = [checkAddOSName];
        $('#btnAddOS').click(function(e) {
            let printFile = $('.adminSection').data('print');
            submitForm(checkAddOSFunctions);
            if(noErrors) {
                ajaxCallback('assets/php/admin/adding/add-
os.php', 'post', function() {
                    closeAdminModal();
                    printAdminSection(printFile);
                }, {
                    "name": $('#tbAddOSName').val().trim()
                });
            }
            e.preventDefault();
        });
    }
}

// EDITING
$('#btnEdit').click(function() {
    let formFile = $(this).parents('.adminSection').data('editform');
    let id = $(this).parents('tr').data('id');
    ajaxCallback(`assets/php/admin/editing/forms/${formFile}`, 'post', function(ou
tput) {
        adminModal(output.response);
        editingEvents(formFile, id);
    }, {
        "id": id
    });
});

// editing events
function editingEvents(formFile, id) {
    if(formFile == 'edit-user-form.php') {
        // dropdown list values
        ajaxCallback('assets/php/get-user-by-id.php', 'post', function(output) {
            $('#ddlEditRole').val(output.role);
            $('#ddlEditActive').val(output.active);
        }, {
            "id": id
        });

        // username
        var regExpEditUserUsername = /^[a-zA-Z]\w{4,}$/;
        var $tbEditUserUsername = $('#tbEditUserUsername');
        $tbEditUserUsername.blur(checkEditUserUsername);
    }
}

```

```

function checkEditUserUsername() {
    checkRegExp($tbEditUserUsername, regExpEditUserUsername);
}

// email
var regExpEditUserEmail = /^[a-z][a-z0-9-_\.\.]{2,}@([a-z0-9-_\.\.]{2,}\.)+[a-z]{2,}$/;

var $tbEditUserEmail = $('#tbEditUserEmail');
$tbEditUserEmail.blur(checkEditUserEmail);
function checkEditUserEmail() {
    checkRegExp($tbEditUserEmail, regExpEditUserEmail);
}

// password
$('#chbChangePassword').change(function() {
    if($(this).is(':checked')) {
        $('#tbEditUserPassword').attr('disabled', false);
        checkRegExp($tbEditUserPassword, regExpEditUserPassword);
    } else {
        $('#tbEditUserPassword').attr('disabled', true);
        fieldNeutral($('#tbEditUserPassword'));
    }
});

var regExpEditUserPassword = /^(?=.*[a-z])(?=.*[A-Z])(?=.*[0-9])(?=.*[!@#$%^&*])(?=. {8,})/;
var $tbEditUserPassword = $('#tbEditUserPassword');
$tbEditUserPassword.blur(checkEditUserPassword);
function checkEditUserPassword() {
    if($('#chbChangePassword').is(':checked')) {
        checkRegExp($tbEditUserPassword, regExpEditUserPassword);
    }
}

// form submission
var checkEditUserFunctions = [checkEditUserEmail, checkEditUserPassword, checkEditUserUsername];
$('#btnEditUser').click(function(e) {
    let printFile = $('.adminSection').data('print');
    submitForm(checkEditUserFunctions);
    if(noErrors) {
        ajaxCallback('assets/php/admin/editing/edit-user.php', 'post', function() {
            closeAdminModal();
            printAdminSection(printFile);
        }, {
            "id": id,
            "username": $('#tbEditUserUsername').val(),
            "email": $('#tbEditUserEmail').val(),
            "password": $('#tbEditUserPassword').val(),
            "changePassword": Number($('#chbChangePassword').is(':checked'
)),

```

```

        "role": $('#ddlEditRole').val(),
        "active": $('#ddlEditActive').val()
    });
    }
    e.preventDefault();
});
} else if(formFile == 'edit-device-form.php') {
    // dropdown list values
    ajaxCallback('assets/php/get-device-by-id.php', 'post', function(output) {
        $('#ddlEditOS').val(output.os);
        $('#ddlEditBrand').val(output.brand);
        $('#ddlEditDeviceActive').val(output.active);
    }, {
        "id": id
    });

    // name
    var regExpEditDeviceName = /^[A-Za-z0-9\-\_\s]+$/;
    var $tbEditDeviceName = $('#tbEditDeviceName');
    $tbEditDeviceName.blur(checkEditDeviceName);
    function checkEditDeviceName() {
        checkRegExp($tbEditDeviceName, regExpEditDeviceName);
    }

    // image
    var regExpEditDeviceImage = /^[\w\-\.]+\.(jpg|jpeg|png|gif)$/;
    var $tbEditDeviceImage = $('#tbEditDeviceImage');
    $tbEditDeviceImage.blur(checkEditDeviceImage);
    function checkEditDeviceImage() {
        checkRegExp($tbEditDeviceImage, regExpEditDeviceImage);
    }

    // price
    var regExpEditDevicePrice = /^[0-9]+$/;
    var $tbEditDevicePrice = $('#tbEditDevicePrice');
    $tbEditDevicePrice.blur(checkEditDevicePrice);
    function checkEditDevicePrice() {
        checkRegExp($tbEditDevicePrice, regExpEditDevicePrice);
    }

    // form submission
    var checkEditDeviceFunctions = [checkEditDeviceName, checkEditDeviceImage,
    checkEditDevicePrice];
    $('#btnEditDevice').click(function(e) {
        let printFile = $('.adminSection').data('print');
        submitForm(checkEditDeviceFunctions);
        if(noErrors) {
            ajaxCallback('assets/php/admin/editing/edit-
device.php', 'post', function() {
                closeAdminModal();
                printAdminSection(printFile);
            }, {

```

```

        "id": id,
        "name": $('#tbEditDeviceName').val().trim(),
        "image": $('#tbEditDeviceImage').val(),
        "os": $('#ddlEditOS').val(),
        "brand": $('#ddlEditBrand').val(),
        "price": $('#tbEditDevicePrice').val(),
        "active": $('#ddlEditDeviceActive').val()
    });
    }
    e.preventDefault();
});
} else if(formFile == 'edit-brand-form.php') {
    // name
    var regExpEditBrandName = /^[A-Za-z\s]+$/;
    var $tbEditBrandName = $('#tbEditBrandName');
    $tbEditBrandName.blur(checkEditBrandName);
    function checkEditBrandName() {
        checkRegExp($tbEditBrandName, regExpEditBrandName);
    }

    // form submission
    var checkEditBrandFunctions = [checkEditBrandName];
    $('#btnEditBrand').click(function(e) {
        let printFile = $('.adminSection').data('print');
        submitForm(checkEditBrandFunctions);
        if(noErrors) {
            ajaxCallback('assets/php/admin/editing/edit-brand.php', 'post', function() {
                closeAdminModal();
                printAdminSection(printFile);
            }, {
                "id": id,
                "name": $('#tbEditBrandName').val().trim()
            });
        }
        e.preventDefault();
    });
} else if(formFile == 'edit-os-form.php') {
    // name
    var regExpEditOSName = /^[A-Za-z\s]+$/;
    var $tbEditOSName = $('#tbEditOSName');
    $tbEditOSName.blur(checkEditOSName);
    function checkEditOSName() {
        checkRegExp($tbEditOSName, regExpEditOSName);
    }

    // form submission
    var checkEditOSFunctions = [checkEditOSName];
    $('#btnEditOS').click(function(e) {
        let printFile = $('.adminSection').data('print');
        submitForm(checkEditOSFunctions);
        if(noErrors) {

```



```

        ajaxCallback('assets/php/admin/editing/edit-
os.php', 'post', function() {
            closeAdminModal();
            printAdminSection(printFile);
        }, {
            "id": id,
            "name": $('#tbEditOSName').val().trim()
        });
    }
    e.preventDefault();
});
} else if(formFile == 'edit-order-form.php') {
    // Buyer name
    var regexpEditOrderBuyerName = /^[A-ZŠĐČĆŽ][a-zšđčćž]{2,}(\s[A-ZŠĐČĆŽ][a-
zšđčćž]{2,})*$/;
    var $tbEditOrderBuyerName = $('#tbEditOrderBuyerName');
    $tbEditOrderBuyerName.blur(checkEditOrderBuyerName);
    function checkEditOrderBuyerName() {
        checkRegExp($tbEditOrderBuyerName, regexpEditOrderBuyerName);
    }

    // Buyer email
    var regexpEditOrderBuyerEmail = /^[a-z][a-z0-9\-\_\.\.]{2,}@([a-z0-9\-\
_]{2,}\.)+[a-z]{2,}$/;
    var $tbEditOrderBuyerEmail = $('#tbEditOrderBuyerEmail');
    $tbEditOrderBuyerEmail.blur(checkEditOrderBuyerEmail);
    function checkEditOrderBuyerEmail() {
        checkRegExp($tbEditOrderBuyerEmail, regexpEditOrderBuyerEmail);
    }

    // Buyer address
    var regexpEditOrderBuyerAddress = /^[A-ZŠĐČĆŽ][a-zšđčćž]{2,}(\s[A-ZŠĐČĆŽa-
zšđčćž][a-zšđčćž]{2,})*\s\d+[A-Z]?(\s\d+)*$/;
    var $tbEditOrderBuyerAddress = $('#tbEditOrderBuyerAddress');
    $tbEditOrderBuyerAddress.blur(checkEditOrderBuyerAddress);
    function checkEditOrderBuyerAddress() {
        checkRegExp($tbEditOrderBuyerAddress, regexpEditOrderBuyerAddress);
    }

    // form submission
    var checkEditOrderFunctions = [checkEditOrderBuyerName, checkEditOrderBuye
rEmail, checkEditOrderBuyerAddress];
    $('#btnEditOrder').click(function(e) {
        let printFile = $('.adminSection').data('print');
        submitForm(checkEditOrderFunctions);
        if(noErrors) {
            ajaxCallback('assets/php/admin/editing/edit-
order.php', 'post', function() {
                closeAdminModal();
                printAdminSection(printFile);
            }, {
                "id": id,

```

```

        "buyerName": $('#tbEditOrderBuyerName').val(),
        "buyerEmail": $('#tbEditOrderBuyerEmail').val(),
        "buyerAddress": $('#tbEditOrderBuyerAddress').val()
    });
    }
    e.preventDefault();
});
}

// DELETING
$('#.btnDelete').click(function() {
    let id;
    if($(this).hasClass('btnDeleteMessage')) id = $(this).parents('.messageContain
er').data('id');
    else id = $(this).parents('tr').data('id');
    let fileDelete = $(this).parents('.adminSection').data('delete');
    let filePrint = $(this).parents('.adminSection').data('print');
    openAreYouSureModal(function() {
        ajaxCallback(`assets/php/admin/deleting/${fileDelete}`, 'post', function()
{
            closeModal();
            printAdminSection(filePrint);
        }, {
            "id": id
        });
    });
});
}
});

// ARE YOU SURE MODAL
function openAreYouSureModal(func) {
    $html = "<div class='areYouSure'><span class='font-
small'>Are you sure?</span><span class='areYouSureButtons'><button class='btnYes btnPrimar
y'>Yes</button><button class='btnNo btnPrimary'>No</button></span></div>";
    openModal($html);
    $('#.btnNo').click(closeModal);
    $('#.btnYes').click(func);
}

// ADMIN MODAL
function adminModal(content) {
    $('body').append(`<div class="adminModal"><div class="cover"><div class="adminModalCon
tent">${content}<button class="font-medium btnCloseAdminModal"><i class="fas fa-
times"></i></button></div></div></div>`);
    $('.adminModal, .adminModalContent').hide();
    $('.adminModal .cover, .btnCloseAdminModal').mousedown(closeAdminModal);
    $('.adminModalContent').mousedown(function(e) {
        e.stopPropagation();
    });
    $('.adminModal').fadeIn('fast', function() {

```

```
        $('.adminModalContent').fadeIn('fast');
    });
}

function closeAdminModal() {
    $('.adminModalContent').fadeOut('fast', function() {
        $('.adminModal').fadeOut('fast', function() {
            $('.adminModal').remove();
        });
    });
}
}
```