Dokumentacija

Sneaker Shop

Visoka škola strukovnih studija za informacione i komunikacione tehnologije

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Smer: *Internet tehnologije*

Modul: *Web programiranje*

Predmet: *Praktikum iz PHP-a*

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1. Uvod

1.1 Korišćeni programski jezici

Za potrebe sajta korišćeni su sledeći programski i markup jezici:

- HTML
- CSS
- Bootstrap
- Javascript

- JQuery
- PHP

1.2 Opis funkcionalnosti

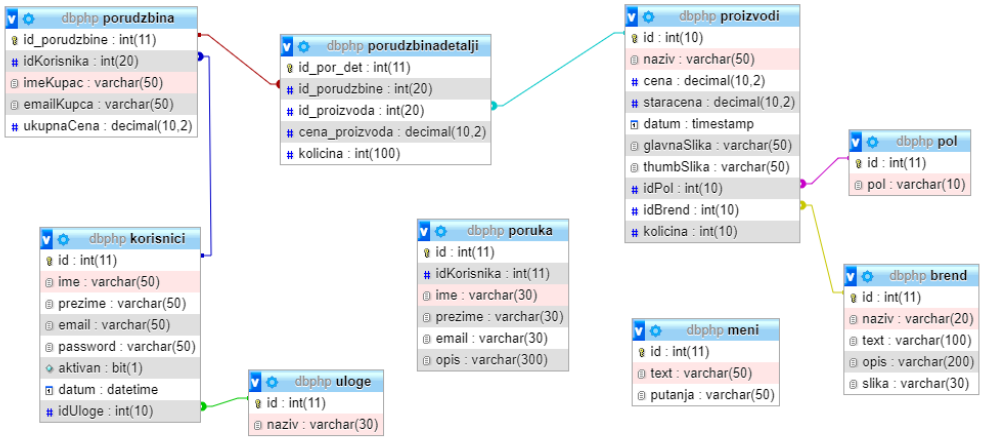
- Dinamičko ispisavanje menija iz baze.
- Dinamičko ispisivanje prizvoda iz baze.
- Kreiranje naloga i logovanje.
- Slanje poruka administratoru preko kontakt forme.
- Beleženje pristupa stranicama u pageEntry.txt.
- Beleženje grešaka u errorLog.txt prilikom slanja poruka i prilikom logovanja.
- Beleženje logovanih korisnika u loginUsers.txt.
- Dodavanje proizvoda u korpu kao I vršenje porudžbine.
- Export informacija o autoru u Word na stranici autor.
- Export tabele o brendovima u Excel na admin panelu.
- Statistika ukupnog pristupa stranicama u procentima u poslednjih 24h, kao i za svaku posebnu stranicu.
- Serversko sortiranje/filtriranje proizvoda.
- Brisanje poslatih poruka od strane korisnika.
- Dodavanje I menjanje proizvoda na admin panelu.

1.3 Template

Sajt je korišćen na predmetu Web programiranje PHP 1.

2. Organizacija

2.1 Dizajn baze podataka

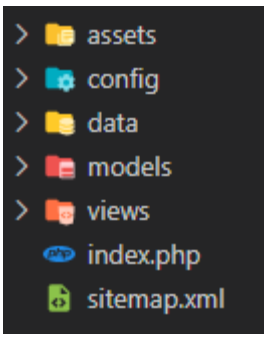


2.2 Mapa sajta

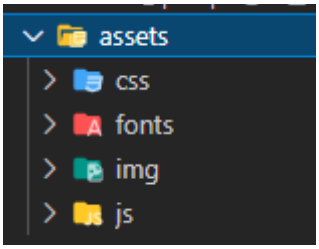
```
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
    <url>
    <loc>https://sneakershop10.000webhostapp.com/praktikum/index.php</loc>
    <lastmod>2020-06-11</lastmod>
    <changefreq>weekly</changefreq>
    <priority>1.0</priority>
    </url>
</urlset>
```

2.3 Struktura sajta

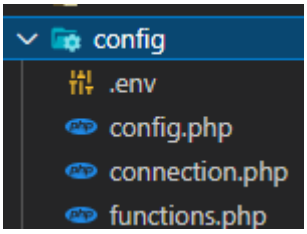
root



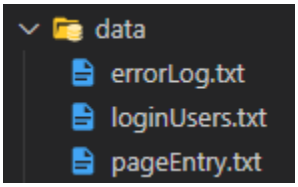
assets



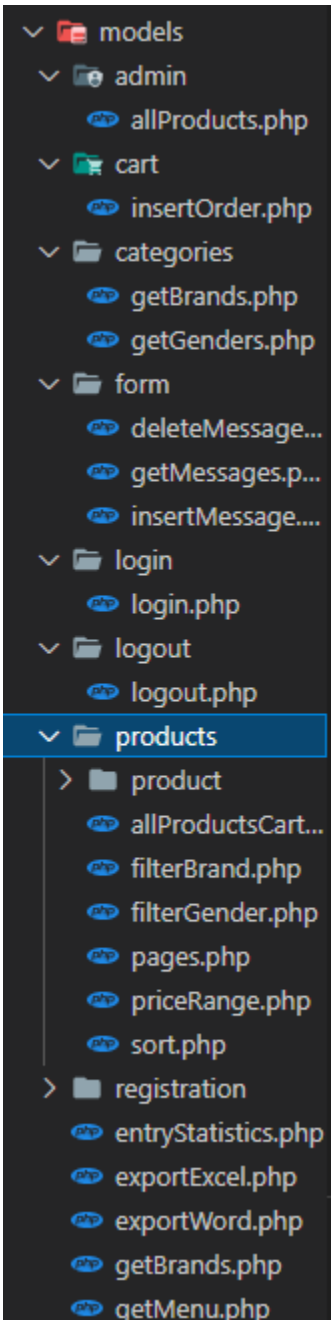
config



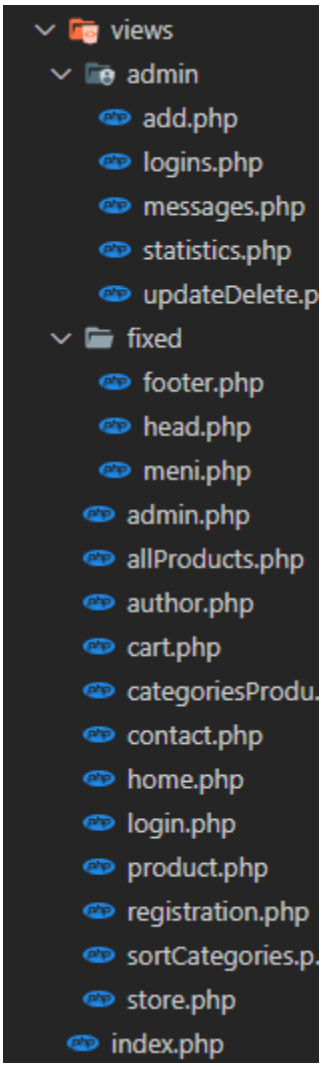
data



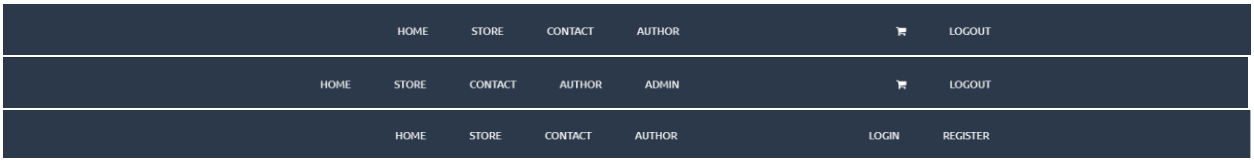
models


models
admin
allProducts.php
cart
insertOrder.php
categories
getBrands.php
getGenders.php
form
deleteMessage...
getMessages.p...
insertMessage....
login
login.php
logout
logout.php
products
product
allProductsCart...
filterBrand.php
filterGender.php
pages.php
priceRange.php
sort.php
registration
entryStatistics.php
exportExcel.php
exportWord.php
getBrands.php
getMenu.php

views

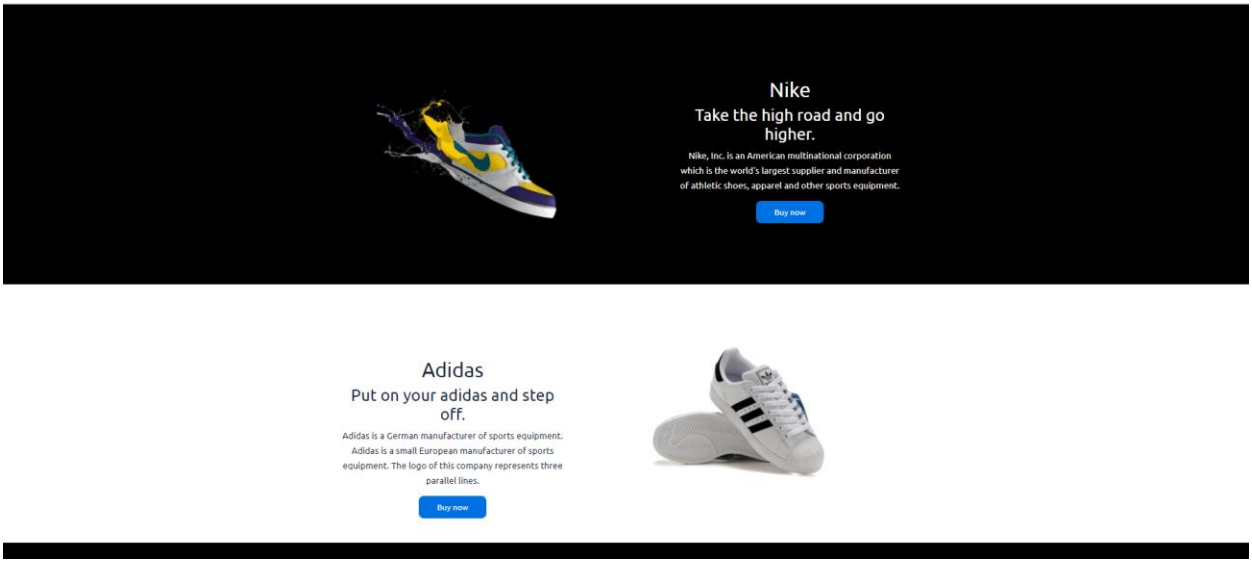


2.4 Slike stranica I opis funkcionalnosti



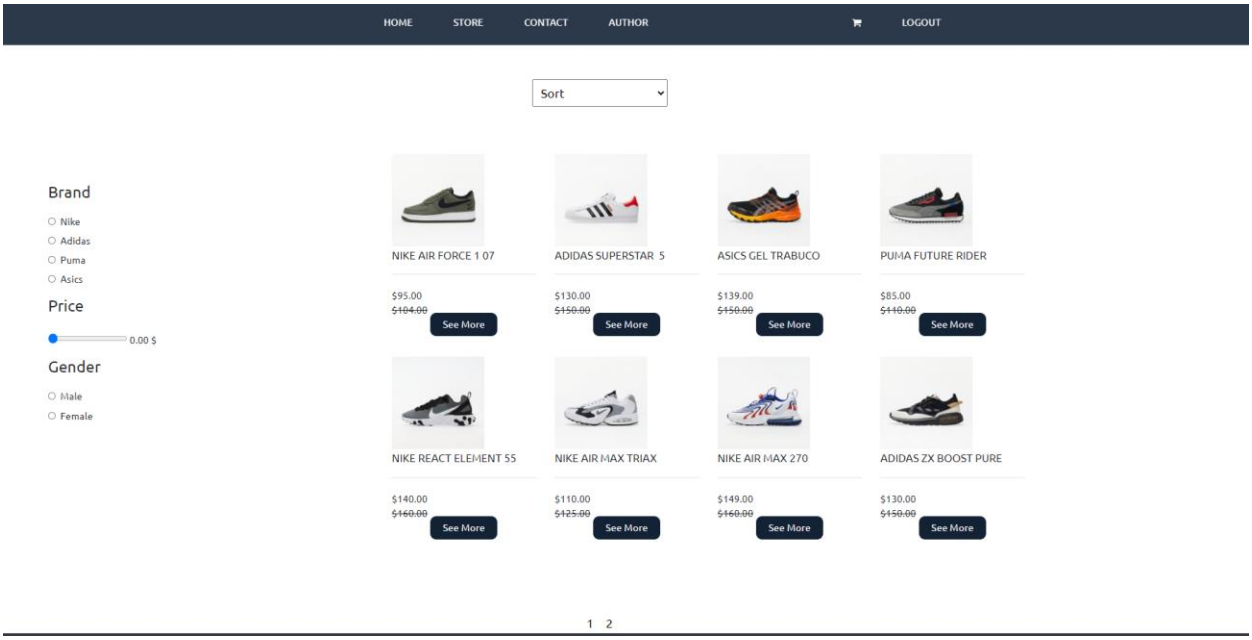
- Na svakoj stranici se dinamički učitava meni iz baze. Slike iznad su izgled menija u odnosu na to da li je prijavljen korisnik, ukoliko jeste prikazuje mu se drugačiji meni ukoliko je običan korisnik ili admin.
-

views/home.php



- Na home stranici se dinamički učitavaju brendovi iz baze podataka.
- Meni i futer se includuju na home kao i na svakoj stranici.

views/store.php



- Na stranici store se nalaze proizvodi. Omogućeno je sortiranje/filtriranje proizvoda isključivo serverski. Postoji i straničenje na dnu stranice. Svaka slika je ‘thumbnail’ dok se ne klikne na ‘See more’ gde se posle slika proizvoda prikazuje u punoj rezoluciji.

views/product.php

NIKE AIR FORCE 1 07

New price: $95.00
Brand: Nike
In stock
Gender: Male
Old price: ~~$104.00~~

Add to Cart

- Ukoliko se klikne na određeni proizvod, učitava se njegova slika u punoj rezoluciji i osnovni podaci. Proizvod se dodaje u korpu na dugme ‘Add to Cart’ , ukoliko korisnik nije ulogovan dugme je disabled.

views/contact.php

SEND YOUR MESSAGE

Your first name...

Your last name...

Your email...

Your message...

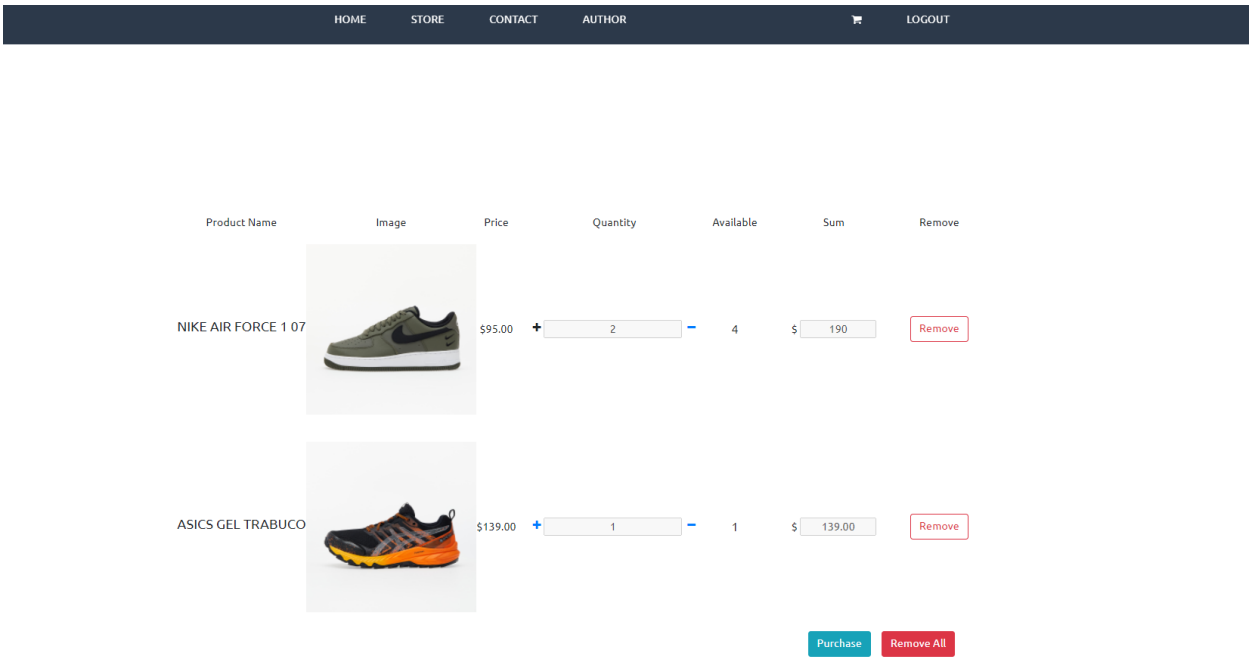
SEND MESSAGE

- Na stranici kontakt se nalazi forma za kontaktiranje administrator. Forma je obrađena regularnim izrazima i na klijentskoj i na serverskoj strani.

views/author.php

- Na stranici se nalaze osnovi pdoaci o autoru. Klikom na dugme ‘Download – Word’ se exportuju osnovni podaci u Word dokumentu.

views/cart.php

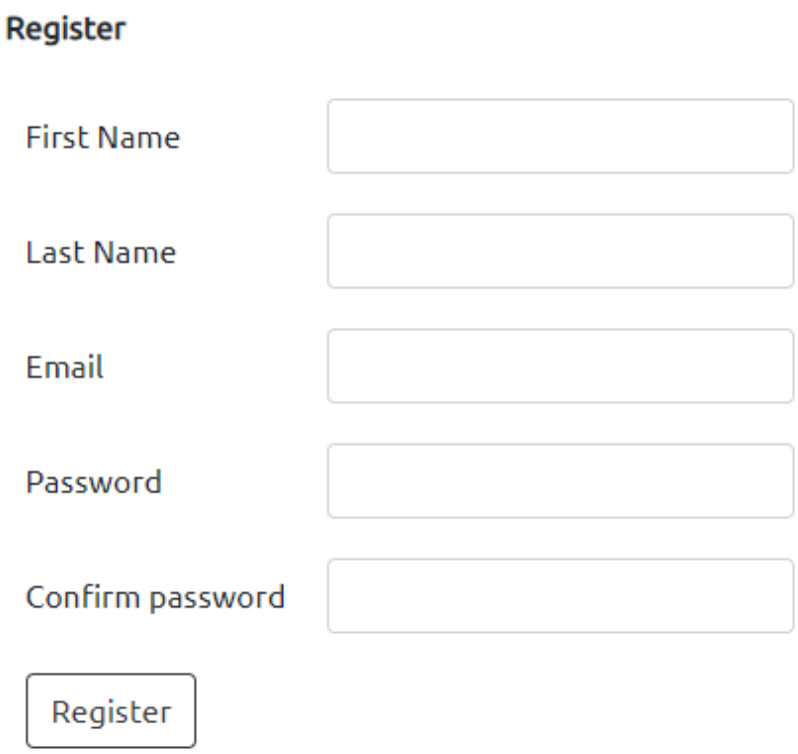


- U korpi se nalaze proizvodi koji su dodati. Čuvanje proizvoda dodatih u korpu se vrši preko localstorage-a. Moguće je menjaje količine proizvoda i klikom na dugme ‘Remove’ ili ‘Remove All’ briše se proizvod iz localstorage ili brišu se svi. Ukoliko je korpa prazna ispisuje se poruka da je prazna. Klikom na dugme Purchase porudžbina se upisuje u tabelu ’porudzbina’ i ’porudzbinadetalji’.

views/login.php

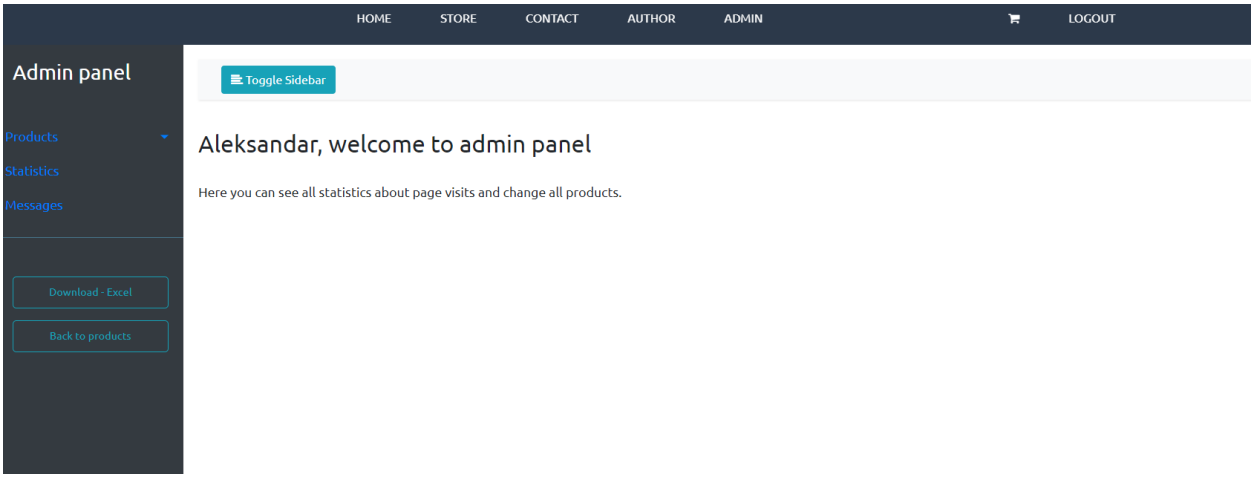
- Provera logovanja sa obe strane. Ukoliko korisnik pogreši email ili šifru greška se upisuje u errorLog.txt gde stoji i vreme kada je korisnik pokušao da pristupi.

views/registration.php



- Provera urađena i na klijentskoj strani i serverskoj.
- Korisniku se ispisuje greška ukoliko je neko već registrovan sa emailom koji je korisnik pokušao da unese.

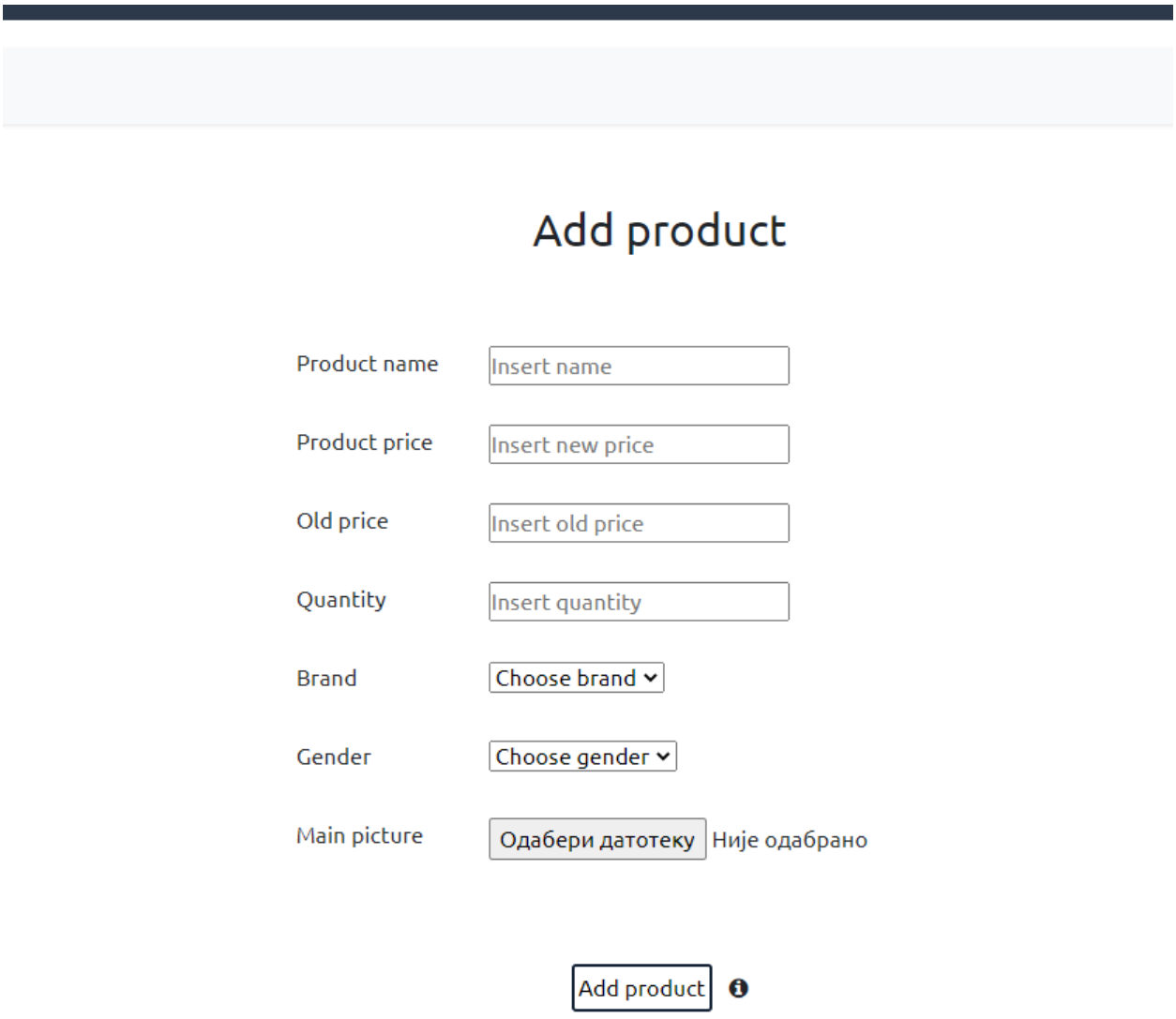
views/admin.php



- Na početnoj strani admin panela, korisniku se ispisuje poruka dobrodošlice. Sa leve strane postoji sidebar koji sadrži statistiku poseta I korisnika, listu proizvoda koje može da briše I menja I poruke koje su poslate administratoru.

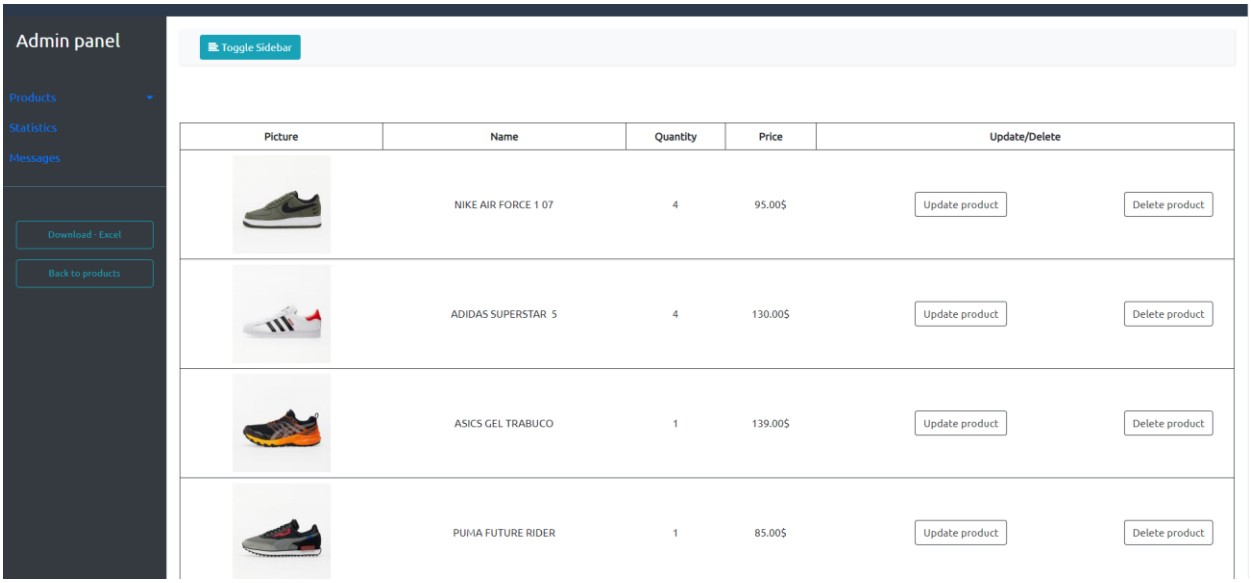
- Na dnu sidebar nalazi se dugme ‘Download – Excel ‘ preko kojeg se exportuje excel dokument sa podacima iz tabele brend iz baze podataka.

Views/admin/add.php



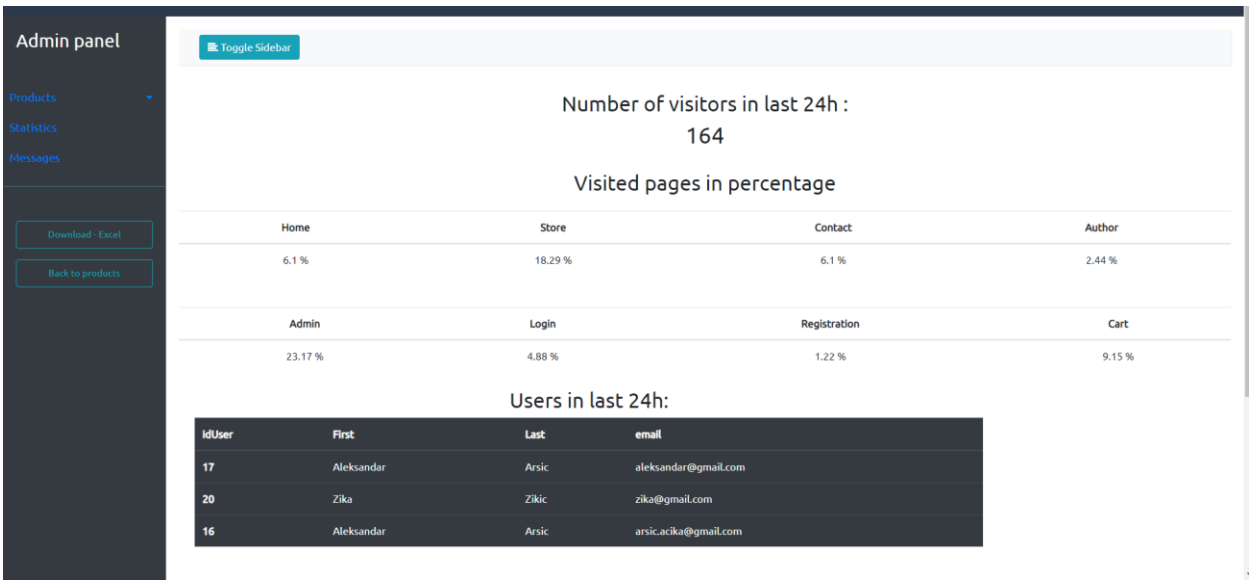
- Na ovoj strani administrator može da dodaje nove proizvode. Provera regularnim izrazima odrađena na obe strane.

views/admin/updateDelete.php



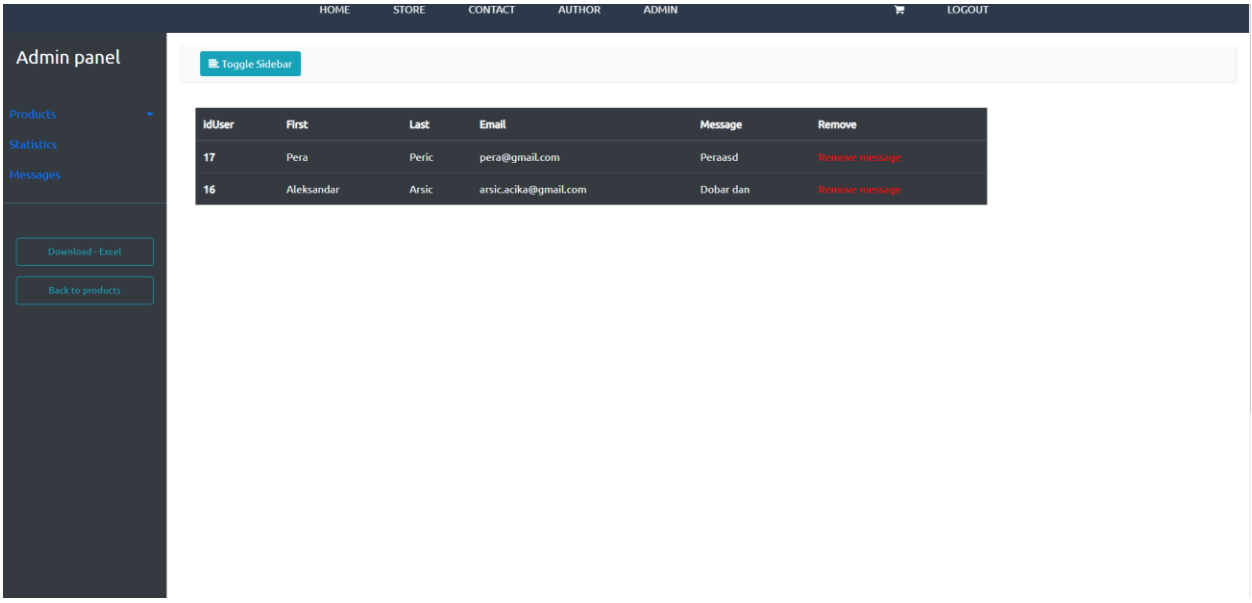
- Na ovoj stranici admin može da briše ili menja određeni proizvod. Ukoliko želi da menja, redirektuje se na stranicu product.php gde postoji forma za menjaje proizvoda.

views/admin/statistics.php



- Na stranici statistics nalazi se ukupan broj poseta stranica u poslednjih 24h, kao i za svaku posebnu stranicu u posetama.
- Na dnu se nalazi tabela u kojoj su ispisani osnovni podaci korisnika koji su se ulogovali u poslednjih 24h.

views/admin/messages.php



- Na stranici messages se nalaze sve poruke koje su korisnici poslali administratoru. Administrator može da briše poruke.

3. Kodovi

3.1 PHP

Index.php

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

  include_once "views/fixed/head.php";
  include_once "views/fixed/meni.php";


  if(isset($_GET['page'])){
    switch($_GET['page'])
```

```
    {
      case 'home':
        include "views/home.php";
        break;
      case 'login':
        include "views/login.php";
        break;
      case 'registration':
        include "views/registration.php";
        break;
      case 'store':
        include "views/store.php";
        break;
      case 'admin':
        include "views/admin.php";
        break;
      case 'cart':
        include "views/cart.php";
        break;
      case 'contact':
        include "views/contact.php";
        break;
      case 'author':
        include "views/author.php";
        break;

    }
  }
  else {
    include "views/home.php";
  }

  include "views/fixed/footer.php";
?>
```

views/fixed/footer.php

```
<footer class="bg-dark text-white text-center text-lg-start">
    <div class="container p-4">
        <div class="row">
            <div class="col-lg-6 col-md-12 mb-4 mb-md-0">
            <h5 class="text-uppercase">Description</h5>
```

```
            <p>
                We strive to be as accurate as possible in product descriptions,
image displays,
                and pricing itself, but we cannot guarantee that all information
is complete and error-free.
                All items displayed on the site are part of our offer and do not
imply that they are available at all times.
            </p>
            </div>
            <div class="col-lg-3 col-md-6 mb-4 mb-md-0">
            <h5 class="text-uppercase">Opening Hours</h5>
              <ul class="list-unstyled mb-0">
                  <li>
                  <p class="text-white">Tuesday : Closed</p>
                  </li>
                  <li>
                  <p class="text-white">Wen-Fri : 10 - 00</p>
                  </li>
                  <li>
                  <p class="text-white">Sat-Monday : 8 - 22 pm</p>
                  </li>
              </ul>
            </div>
            <div class="col-lg-3 col-md-6 mb-4 mb-md-0">
              <h5 class="text-uppercase mb-0">Contact Us</h5>
              <ul class="list-unstyled">
                  <li class="p-2 social">
                  <a href="https://www.facebook.com/" target="_blank"><i class="f
a fa-facebook text-white"></i></a>
                  </li>
                  <li class="p-2">
                  <a href="https://twitter.com/?lang=en" target="_blank"><i class
="fa fa-twitter text-white"></i></a>
                  </li>
                  <li class="p-2">
                  <a href="https://rs.linkedin.com/" target="_blank"><i class="fa
 fa-linkedin text-white"></i></a>
                  </li>
              </ul>
            </div>
        </div>
    </div>
    <div class="text-center p-3 dok" style="background-
color: rgba(0, 0, 0, 0.2)">
```

```
      © 2021 Copyright: Aleksandar Arsić   <a href="sitemap.xml" target="_blank">
  <i class="fa fa-
sitemap"></i></a>   <a href="doc.pdf" target="_blank"><i class="fa fa-
file"></i></a>
    </div>
  </footer>

  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js">
</script>
  <script src="assets/js/bootstrap.min.js"></script>
  <script src="assets/js/main.js" type="text/javascript"></script>
</body>
</html>
```

views/fixed/head.php

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta name="keywords" content="nike,adidas,sneakers,best,buy now" />
  <meta name="description" content="This is best place to find your dream sneaker
s. Best price and price quality." />
  <meta name="author" content="Aleksandar Arsić"/>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="icon" href="assets/img/favicon.ico" type="image/x-icon">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css"/>
  <link rel="stylesheet"  href="assets/css/style.css"/>
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/
css/bootstrap.min.css" integrity="sha384-
TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0jlfIDPvg6uqKI2xXr2" crossorigin="an
onymous">
  <title>SneakerShop</title>
</head>
<body>
```

views/fixed/meni.php

```
<?php
```

```
  include_once "config/functions.php";
  include_once "models/getMenu.php";
?>

<div class="container-xl-lg " id="hed">
    <div class="container">
      <div class="row">
          <div class="col-7" id="navigacija">
              <ul id="nav" class="row navisp justify-content-end">
                <?php
                  foreach($menu as $meni):
                ?>
                  <li class="nav-link"><a href="index.php?page=<?=$meni -
> putanja?>" class="nav-item"><?=$meni -> text?></a></li>
                  <?php endforeach;

                  if(isset($_SESSION['admin'])):
                ?>
                <li class="nav-link"><a href="index.php?page=admin" class="nav-
item">Admin</a></li>
                <?php endif; ?>
              </ul>
            </div>
            <div class="col-5" id="navigacija">
              <ul id="nav" class="row navisp justify-content-end">
                <?php
                    if(!isset($_SESSION['korisnik'])){
                ?>
                  <li class="nav-link"><a href="index.php?page=login" class="nav-
item">Login</a></li>
                  <li class="nav-
link"><a href="index.php?page=registration" class="nav-item">Register</a></li>
                  <?php }
                  else{
                    ?>
                    <li class="nav-
link"><a href="index.php?page=cart"><i class='fa fa-shopping-cart'></i></a></li>
                    <li class="nav-
link"><a href="models/logout/logout.php" class="nav-item">Logout</a></li>
              <?php } ?>
              </ul>
            </div>


            <div class="text-center hamb col-10">
```

```
            <i class="fa fa-bars"></i>
            <ul id="nav" class="navisp justify-content-center meniResp nav">
                <?php
                  foreach($menu as $meni):
                ?>
                  <li class="nav-link"><a href="index.php?page=<?=$meni -
> putanja?>" class="nav-item"><?=$meni -> text?></a></li>
                  <?php endforeach; ?>

                  <?php
                    if(!isset($_SESSION['korisnik'])){
                ?>
                  <li class="nav-link"><a href="index.php?page=login" class="nav-
item">Login</a></li>
                  <li class="nav-
link"><a href="index.php?page=registration" class="nav-item">Register</a></li>
                  <?php }
                  else{
                  if(isset($_SESSION['admin'])):
                ?>
                <li class="nav-link"><a href="index.php?page=admin" class="nav-
item">Admin</a></li>
                <?php endif; ?>
                  <li class="nav-
link"><a href="index.php?page=cart"><i class='fa fa-shopping-cart'></i></a></li>
                  <li class="nav-
link"><a href="models/logout/logout.php" class="nav-item">Logout</a></li>
                 <?php
                  } ?>
              </ul>
            </div>
        </div>
    </div>
</div>
```

views/home.php

```
<div class="container-xl-lg" id="banner">
    <img src="assets/img/banner.jpg" class="img-fluid bg-dark" />
```

```
  </div>
   <!--content-->
   <button class="up">
    <i class="fa fa-chevron-up"></i>
  </button>
  <div class="container-xl-lg p-5">
    <div class="container">
      <div>

        <h1 class="tekstnaslov">Best place to buy new sneakers</h1>
      </div>
      <div class="row ">
        <div class="col-xl-4 col-md-12">
            <div id="pic">
            </div>
            <div>
              <h2 class="tekstnaslov">
                ASICS GEL-KAYANO 14
              </h2>
              <p class="tekst"><a href="<?=$_SERVER['PHP_SELF']?>?page=store" >Bu
y now</a></p>
            </div>
        </div>
        <div class="col-xl-4 col-md-12">
          <div id="pic1">
          </div>
          <div>
              <h2 class="tekstnaslov">
                PUMA MIRAGE MOX
              </h2>
              <p class="tekst"><a href="<?=$_SERVER['PHP_SELF']?>?page=store" >Bu
y now</a></p>
          </div>
        </div>
        <div class="col-xl-4 col-md-12">
          <div id="pic2">
          </div>
          <div>
              <h2 class="tekstnaslov">
                NIKE AIR MAX
              </h2>
              <p class="tekst"><a href="<?=$_SERVER['PHP_SELF']?>?page=store" >Bu
y now</a></p>
          </div>
        </div>
```

```
      </div>
    </div>
  </div>
  <!-- content 2 -->
  <div id="marke">
    <?php
    include "models/getBrands.php";
    foreach($marke as $marka):
      if($marka -> id % 2 == 1){
    ?>

    <div class="container-xl-lg bg-slika p-5">
                    <div class="container">
                      <div class="row pt-5">
                        <div class="col-xl-7 col-md-12 picpatike">
                          <img src="assets/img/<?=$marka -
> slika?>" alt="<?=$marka -> naziv?>"/>
                        </div>
                        <div class="col-xl-5 col-md-12 tekstpatike pt-5">
                          <h1><?=$marka -> naziv?></h1>
                          <h2><?=$marka -> text?></h2>
                          <p><?=$marka -> opis?></p>
                          <div class="buylink">
                            <a href="<?=$_SERVER['PHP_SELF']?>?page=store">Buy no
w</a>

                          </div>
                        </div>
                      </div>
                    </div>
      </div>
    <?php
      }
      else{
    ?>
          <div class="container-xl-lg bg-slika1 p-5 ">
                        <div class="container">
                        <div class="row pt-5">
                            <div class="col-xl-5 col-md-12 tekstpatikewhite pt-
5">

                            <h1><?=$marka -> naziv?></h1>
                            <h2><?=$marka -> text?></h2>
                            <p><?=$marka -> opis?></p>
                            <div class="buylink">
                                <a href="<?=$_SERVER['PHP_SELF']?>?page=store">Bu
y now</a>
```

```
                            </div>
                        </div>
                        <div class="col-xl-6 col-md-12 picpatike text-right">
                        <img src="assets/img/<?=$marka -
> slika?>" alt="<?=$marka -> naziv?>"/>
                        </div>
                    </div>
                    </div>
                    </div>
  <?php
      }
  endforeach;
      ?>
  </div>
```

views/store.php

```
<?php

if(isset($_GET['idProizvoda'])){
    include "views/product.php";
}
else {
    include "views/categoriesProducts.php";
}
?>
```

views/product.php

```
<?php
    $id = $_GET["idProizvoda"];
    if(filter_var($id,FILTER_VALIDATE_INT) === false){
    die("No valid ID");
    }
    include "models/products/product/getProduct.php";
    include "models/products/product/getGender.php";
    include "models/products/product/getBrand.php";
?>
```

```
<div class="container-xl">
  <div class="row productone">
      <div class="levo col-xl-6 col-sm-12">
          <img src="assets/img/<?=$p -> glavnaSlika ?>" alt="<?=$p -
> naziv?>" class="img-fluid">
      </div>
      <div class="desno col-xl-6  col-sm-12">
            <p class="border-bottom pb-3"><?=$p ->naziv?></p>
            <div class="pt-2 pb-3 ">
                <span > New price: $<?=$p -> cena?> </span><br>
                <span>Brand: <?=$brend ->naziv?> </span> <br>
                <?php if($p -> kolicina>0): ?>
                  <span class="text-success">In stock</span><br>
                <?php else: ?>
                  <span class="text-danger">Not in stock</span><br>
                <?php endif;?>
                <span >Gender: <?=$pol -> pol?> </span><br>
                <span>Old price: <del>$<?=$p -> staracena?> </del></span><br>
                <?php if(isset($_SESSION['korisnik'])):
                      if($p -> kolicina > 0):
                  ?>
                  <div class="cart py-5 w-25 kupi">
                      <button class="addToCart buylink" href="#" data-id="<?=$p -
> id?>">Add to Cart</button>
                  </div>
                  <?php else: ?>
                    <p class="py-1 font-weight-
bold">Sorry, we don't have this item in stock. </p>
                    <?php endif; ?>
                  <?php else: ?>
                    <div class="text-danger py-1">
                     <p>Please login to add to cart. </p>
                  </div>
                  <div class="cart w-25 kupi">
                      <button class="addToCart buylink disabled" href="#" data-
id="<?=$p -> id?>" disabled>Add to Cart</button>
                  </div>
                <?php endif; ?>
                <?php if(isset($_SESSION['admin'])):?>
                <div class="row">
                  <div class="col-12 mt-3">
          <a href="models/products/product/deleteProduct.php?idProizvoda=<?=$id?>
"><input type="button" value="Delete product" id="deletebtn" name="deletebtn" cla
ss="btn btn-outline-dark float-right mr-4"/></a>
```

```
          <input type="button" value="Update product" name="updatebtn" class="btn
za btn btn-outline-dark float-right mr-2 updatebtn " />
                </div>
              </div>
             <?php endif; ?>
      </div>
    </div>
  </div>
</div>


<div class="updateforma container-xl-lg ">
             <?php if(isset($_SESSION['admin'])): ?>
             <h2 class="text-center py-3">Add product </h2>
             <div class="container-fluid update mt-5">
             <form action="" method="post" enctype="multipart/formdata" class="
w-50 mx-auto" name="formaupdate">
                 <div class="row d-flex justify-content-center">
                     <label for="imeProizvoda" class="col-sm-
2">Product name</label>
                     <div class="col-sm-6 ">
                         <input type="text" class="imeProizvodaUp formcontrol te
xtcenter" name="imeProizvodaUp" value="<?=$p -> naziv?>" required/>
                     </div>
                 </div>
                 <div class="row d-flex justify-content-center mt-4">
                     <label for="cenaProizvoda" class="col-sm-
2">Product price</label>
                     <div class="col-sm-6">
                         <input type="text" class="cenaProizvodaUp formcontrol t
extcenter" name="cenaProizvodaUp" value="<?=$p -> cena?>" required/>
                     </div>
                 </div>
                 <div class="row d-flex justify-content-center mt-4">
                     <label for="cenaProizvoda" class="col-sm-
2">Old price</label>
                     <div class="col-sm-6">
                         <input type="text" class="staracenaProizvodaUp formcont
rol textcenter" name="staracenaProizvodaUp" value="<?=$p -
> staracena?>" required/>
                     </div>
                 </div>
                 <div class="row d-flex justify-content-center mt-4">
                     <label for="kolicina" class="col-sm-
2">Quantity - Available</label>
```

```
                    <div class="col-sm-6">
                        <input type="text" class="kolicinaUp formcontrol textce
nter" name="kolicinaUp" value="<?=$p -> kolicina?>" required/>
                    </div>
                </div>
                <div class="row d-flex justify-content-center mt-4">
                    <label for="brandProizvoda" class="col-sm-
2"> Category - Brand</label>
                    <div class="col-sm-6">
                    <?php
                      include "models/categories/getBrands.php";
                      include "models/categories/getGenders.php";
                    ?>
                        <select class="brandProizvoda formcontrol text-
center" name="brandProizvoda" required>
                        <option value="<?=$brend -> id?>" selected> <?=$brend -
> naziv?> </option>
                       <?php foreach($izvrsiBrend as $sb):
                          if($sb -> id != $brend ->id):
                        ?>
                         <option value="<?=$sb -> id?>"><?=$sb -
> naziv?></option>
                         <?php endif; endforeach;?>
                        </select>
                    </div>
                </div>

                <div class="row d-flex justify-content-center mt-4">
                    <label for="polProizvoda" class="col-sm-2">Gender</label>
                <div class="col-sm-6">
                    <select class="polProizvodaUp w-25form-
control textcenter"  name="polProizvodaUp" required>
                        <option value="<?=$pol -> id?>" selected><?=$pol -
> pol?></option>
                        <?php foreach($izvrsiPol as $ip):
                          if($ip -> id != $pol -> id):
                        ?>
                         <option value="<?=$ip ->id?>"><?=$ip -> pol?></option>
                         <?php endif; endforeach;?>
                    </select>
                    </div>
                </div>
                <div class="row d-flex justify-content-center mt-4">
                    <label for="glavnaSlika" class="col-sm-
2">Main picture</label>
```

```
                    <div class="col-sm-6">
                    <input type="file" class="glavnaSlika textcenter" name="gla
vnaSlika" />
                    </div>
                </div>
                <div class="row d-flex justify-content-center mt-4">
                    <div class="col-sm-6">
                    <input type="hidden" class="idProizvodaUp textcenter" name=
"idProizvodaUp" value="<?= $id ?>" required/>
                    </div>
                </div>
                <div class="row mt-5">
                    <div class="col-sm-10 text-center mx-auto">
                    <input type="button" class="donebtn" name="donebtn" value="
Update product" />
                    <i class="fa fa-info-circle ml-2" ariahidden="true" data-
toggle="tooltip" dataplacement="top" title="Everything must be entered as initial
ly shown"></i>
                    </div>
                </div>
            </form>
            </div>
        </div>
        <?php endif; ?>
            </div>
```

views/categoriesProducts.php

```
<div class="container p-5">
    <div class="row centriranje">
        <div class="ml-3 col-lg-12 col-12 pt-2 mx-auto">
            <form>
            <select id="sortiranje">
                <option value="0">Sort</option>
                    <option value="desc">High to low price</option>
                    <option value="asc">Low to high price</option>
                    <option value="descbyName">Sort by name</option>
                </select>
            </form>
        </div>
     </div>
</div>
```

```
<div class="container-fluid">
<div class="row">
 <?php
    include "views/sortCategories.php";
    include "views/allProducts.php";
 ?>
</div>
</div>
```

views/sortCategories.php

```
<?php
include "models/categories/getGenders.php";
include "models/categories/getBrands.php";
?>

<div class="mt-5 col-lg-4">
    <div class="row">
        <div class="col-lg-7 d-lg-block mx-auto">
            <div class="row">
                <div class="col-11">
                    <p class="filterRas vidljiv prikazFiltera">Brand</p>
                    <form class="markaDva">
                         <?php
                            foreach($izvrsiBrend as $brend):
                        ?>
                        <input type="radio" name="chbPol" value="<?=$brend -
> id?>" class="brend"/><label class="ml-2"> <?=$brend -> naziv?></label> <br>
                        <?php endforeach; ?>
                        </lab></lab></lab></lab>
                    </form>
                </div>
                <div class="col-11">
                    <p class="filterRas vidljiv prikazFiltera">Price </p>
                    <form oninput="">
                        <input type="range" min="0" max="250" value="0" id="kliza
c" class="mt-2 mb-3">
                        <output id="vrednost">0.00 $</output>
                    </form>
                </div>
```

```
                <div class="col-11">
                    <p class="filterRas vidljiv prikazFiltera">Gender </p>
                    <form>
                        <?php foreach($izvrsiPol as $pol): ?>
                            <input type="radio" name="chbPol" value="<?=$pol -
> pol?>" class="sortirajPoPolu"/><label class="ml-2"> <?=$pol -
> pol?></label> <br>
                         <?php endforeach; ?>
                    </form>
                </div>
            </div>
        </div>
    </div>
</div>
```

views/allProducts.php

```
<?php
include "models/products/pages.php";
?>

<div class="col-lg-6">
            <div class="row mb-5" id="products">
            <?php foreach($proizvodi as $p): ?>
                <div class="col-5 col-md-3 mb-3 pt-2 product">
                    <img src="assets/img/thumbnails/<?=$p -
> thumbSlika?>" alt="<?=$p -> naziv?>" class="img-fluid frontpic">
                    <p class="border-bottom pb-3"><?=$p -> naziv?></p>
                    <div class="pt-2 pb-3 ">
                        <span class="red">$<?=$p -> cena?> </span><br>
                        <span><del>$<?=$p -> staracena?> </del></span> <br>
                        <div class="cart text-center">
                            <a class="seeMore" href="<?=$_SERVER['PHP_SELF']?>?pa
ge=store&idProizvoda=<?=$p -> id?>" data-id="<?=$p -> id?>">See More</a>
                        </div>
                    </div>
                </div>
                <?php endforeach; ?>
            </div>
</div>
```

```
<div class="container-fluid">
    <div class="row">
        <div class="col-7 mt-5 ml-5 mx-auto page text-center">

        <?php
        for($i=1; $i<=$brStrana; $i++){

        if($strana == $i){
            echo "<a class='pg active py-
3' href='".$_SERVER['PHP_SELF']."?page=store&strana=$i'>$i</a>";
        }
        else {
            echo "<a class='pg active py-
3' href='".$_SERVER['PHP_SELF']."?page=store&strana=$i'>$i</a>";
            }
        }?>
        </div>
    </div>
</div>
```

views/contact.php

```
<section class="contact-us">
      <div class="container bottom-pad pt-4">
          <div class="row">
              <div class="col-md-12">
                  <div class="section-heading">
                      <h2>Send your message</h2>
                  </div>
                  <form id="contact" action="#" method="post">
                      <div class="row">
                          <div class="col-md-6">
                              <fieldset>
                                  <input  type="text" name="firstname" class="for
m-control" id="firstname" placeholder="Your first name..." >
                              </fieldset>
                              <fieldset>
                                <fieldset>
                                  <input  type="text" name="lastname" class="form
-control" id="lastname" placeholder="Your last name..." >
                              </fieldset>
                              <fieldset>
```

```
                                <input  type="text" name="email" class="form-
control" id="email" placeholder="Your email...">
                            </fieldset>
                        </div>
                        <div class="col-md-6">
                            <fieldset>
                                <textarea name="message" rows="6" class="form-
control" id="message" placeholder="Your message..." ></textarea>
                            </fieldset>
                            <fieldset>
                                <button type="button" id="form-
submit" class="btn">Send Message</button>
                            </fieldset>
                        </div>
                        <?php if(isset($_SESSION['korisnik'])){?>
                        <input type="hidden" value="<?= $_SESSION['korisnik'] -
> id?>" id="id" name="id">
                        <?php } else { ?>
                        <input type="hidden" value="0" id="id" name="id">
                        <?php  }?>
                        <span class="mx-
auto" id="forma">Your message has been send</span>
                    </div>
                </form>
            </div>
        </div>
    </div>
  </section>
```

views/author.php

```
<div class="container ">
    <div class="row autor">
        <div class="col-md-12 naslovAutor">
            <h1>Aleksandar Arsić</h1>
        </div>
        <div class="col-md-6 mt-5 tekstAutor">
            <p>
                My name is Aleksandar Arsić,
```

```
                I am 22 years old web developer, born in Aranđelovac.
                Instead of thinking of all the things that can go wrong,I become
one of the people who look on how they go right.
                When you think positive thoughts, positive things will happen.
                <a href="models/exportWord.php" class="btn btn-outline-info mt-
3">Download - Word</a>
                </p>
        </div>
        <div class="mt-4 profile col-md-5">
            <img src="assets/img/profile.jpg">
        </div>
    </div>
</div>
```

views/cart.php

```
<?php
     if(!isset($_SESSION['korisnik'])) {
        http_response_code(404);
        header('Location: index.php?page=home');
        exit();
    }
?>

<div class="col-12 text-center cartDiv">

</div>
```

views/login.php

```
<div class="col-lg-12" id="login">
    <table class="mx-auto">
        <tr>
            <th colspan="2">Login</th>
        </tr>
        <tr>
            <td colspan="2" id="obavestenje">* First and last name must start wit
h a capital letter</td>
        </tr>
        <tr>
```

```
            <td>Email</td>
            <td><input type="email" id="regEmail" name="email" class="form-
control"/></td>
            <td colspan="2" id="emailGreska" class="textcenter text-danger"></td>
        </tr>
        <tr>
            <td>Password</td>
            <td> <input type="password" id="regPass" name="pass" class="form-
control"/></td>
            <td colspan="2" id="sifraGreska" class="textcenter text-danger"></td>
        </tr>
        <tr>
            <td colspan="2"><input type="submit" id="submit" name="tbSubmit" valu
e="Login" class="btn btn-outline-dark mb-3" /></td>
        </tr>
    </table>
    <div class="col-lg-12 text-center">
        <span id="poruka" class="text-danger"> </span>
    </div>
    <div class="row" id="popup">
        <p id="textModal"></p>
            <input type="button" id="ok" value="OK" class="btn btn-
outlinedark" />
    </div>
</div>
```

views/registration.php

```
<div class="col-lg-12 " id="register">
    <table>
        <tr>
            <th colspan="2">Register</th>
        </tr>
        <tr>
            <td colspan="2" id="obavestenje">*First and last name must start with
 a capital letter</td>
        </tr>
        <tr>
```

```
            <td class="pt-4">First Name</td>
            <td class="pt-
4"> <input type="text" id="firstName" name="firstName" class="form-
control"/></td>
            <td colspan="2" id="imeGreska" class="textcenter text-danger"></td>
        </tr>
        <tr>
            <td>Last Name</td>
            <td> <input type="text" id="lastName" name="lastName" class="form-
control"/></td>
            <td colspan="1" id="prezimeGreska" class="text-center text-
danger"></td>
        </tr>
        <tr>
            <td>Email</td>
            <td><input type="email" id="regEmail" name="email" class="form-
control"/></td>
            <td colspan="2" id="emailGreska" class="textcenter text-danger"></td>
        </tr>
        <tr>
            <td>Password</td>
            <td> <input type="password" id="regPass" name="pass" class="form-
control"/></td>
            <td colspan="2" id="sifraGreska" class="textcenter text-danger"></td>
        </tr>
        <tr>
            <td>Confirm password</td>
            <td><input type="password" id="confPass" name="confPass" class="form-
control"/></td>
            <td colspan="2" id="sifraPotvrdiGreska" class="text-center text-
danger"></td>
        </tr>
        <tr>
            <td colspan="2"><input type="button" id="submitRegister" name="submit
Register" value="Register" class="btn btn-outline-dark mb-3" /></td>
        </tr>
    </table>
    <div class="row" id="popup">
        <p id="textModal"></p>
            <input type="button" id="ok" value="OK" class="btn btn-
outlinedark" />
    </div>
</div>
```

views/admin.php

```
<?php
    if(!isset($_SESSION['admin'])) {
        http_response_code(404);
        header('Location: index.php?page=home');
        exit();

    }
include "models/categories/getGenders.php";
include "models/categories/getBrands.php";

?>

<div class="wrapper">
        <!-- Sidebar  -->
        <nav id="sidebar" class="bg-dark    ">
            <div class="sidebar-header bg-dark">
                <h3>Admin panel</h3>
            </div>

            <ul class="list-unstyled components bg-dark sidebarLista">
                <li class="">
                    <a href="#homeSubmenu" data-toggle="collapse" aria-
expanded="false" class="dropdown-toggle">Products</a>
                    <ul class="collapse list-unstyled bg-
dark sidebarLista" id="homeSubmenu">
                        <li>
                            <a href="<?=$_SERVER['PHP_SELF']?>?page=admin&ind=add
">Add new  product</a>
                        </li>
                        <li>
                            <a href="<?=$_SERVER['PHP_SELF']?>?page=admin&ind=upd
del">Update/delete product</a>
                        </li>
                    </ul>
                </li>
                <li>
                    <a href="<?=$_SERVER['PHP_SELF']?>?page=admin&ind=stats">Stat
istics</a>
                </li>
                <li>
```

```
                    <a href="<?=$_SERVER['PHP_SELF']?>?page=admin&ind=messages">M
essages</a>
                </li>
            </ul>

            <ul class="list-unstyled CTAs">
                <li>
                <a href="models/exportExcel.php" class="btn btn-outline-info mt-
3">Download - Excel</a>
                </li>
                <li>
                    <a href="<?=$_SERVER['PHP_SELF']?>?page=store" class="btn btn
-outline-info mt-3">Back to products</a>
                </li>
            </ul>
        </nav>

        <!-- Page Content  -->
        <div id="content">
            <nav class="navbar navbar-expand-lg navbar-light bg-light">
                <div class="container-fluid">

                    <button type="button" id="sidebarCollapse" class="btn btn-
info">
                        <i class="fa fa-align-left"></i>
                        <span>Toggle Sidebar</span>
                    </button>
                    <button class="btn btn-dark d-inline-block d-lg-none ml-
auto" type="button" data-toggle="collapse" data-
target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-
expanded="false" aria-label="Toggle navigation">
                        <i class="fas fa-align-justify"></i>
                    </button>
                </div>
            </nav>
            <?php

            if(isset($_GET['ind'])){
                switch($_GET['ind'])
                {
                case 'add':
                    include "views/admin/add.php";
                    break;
                case 'upddel':
                    include "views/admin/updateDelete.php";
```

```
                    break;
                case 'stats':
                    include "views/admin/statistics.php";
                    include "views/admin/logins.php";
                    break;
                case 'messages':
                    include "views/admin/messages.php";
                    break;
                }
            }
            else{
                echo '<h2>'.$_SESSION['admin'] -
> ime.', '."welcome to admin panel </h2><br>";
                echo "<p>Here you can see all statistics about page visits and ch
ange all products.</p>";
            }
            ?>



            </div>
    </div>
```

views/admin/add.php

```
<h2 class="text-center py-3">Add product </h2>
 <div class="container-fluid update mt-5">
 <form action="" method="post" enctype="multipart/formdata" class=" w-50 mx-
auto" name="formainsert">
    <div class="row d-flex justify-content-center">
        <label for="imeProizvoda" class="col-sm-2">Product name</label>
        <div class="col-sm-6 ">
            <input type="text" class="imeProizvodaUp formcontrol textcenter" name
="imeProizvodaUp" value="" placeholder= "Insert name" required/>
        </div>
    </div>
    <div class="row d-flex justify-content-center mt-4">
        <label for="cenaProizvoda" class="col-sm-2">Product price</label>
        <div class="col-sm-6">
            <input type="text" class="cenaProizvodaUp formcontrol textcenter" nam
e="cenaProizvodaUp" value="" placeholder= "Insert new price" required/>
        </div>
```

```
    </div>
    <div class="row d-flex justify-content-center mt-4">
        <label for="cenaProizvoda" class="col-sm-2">Old price</label>
        <div class="col-sm-6">
            <input type="text" class="staracenaProizvodaUp formcontrol textcenter
" name="staracenaProizvodaUp" value="" placeholder= "Insert old price" required/>
        </div>
    </div>
    <div class="row d-flex justify-content-center mt-4">
        <label for="kolicina" class="col-sm-2">Quantity</label>
        <div class="col-sm-6">
            <input type="text" class="kolicinaUp formcontrol textcenter" name="ko
licinaUp" value="" placeholder="Insert quantity"required/>
        </div>
    </div>
    <div class="row d-flex justify-content-center mt-4">
        <label for="brandProizvoda" class="col-sm-2">Brand</label>
        <div class="col-sm-6">
            <select class="brandProizvoda formcontrol text-
center"   id="brandProizvoda" name="brandProizvoda" required>
            <option value="0" selected>Choose brand</option>
            <?php foreach($izvrsiBrend as $b) : ?>
            <option value="<?=$b -> id?>"><?=$b -> naziv ?></option>
            <?php endforeach;?>
            </select>
        </div>
    </div>
    <div class="row d-flex justify-content-center mt-4">
        <label for="polProizvoda" class="col-sm-2">Gender</label>
    <div class="col-sm-6">
        <select class="polProizvodaUp w-25form-
control textcenter" id="polProizvodaUp" name="polProizvodaUp" required>
        <option value="0" selected>Choose gender</option>
            <?php foreach($izvrsiPol as $p) : ?>
            <option value="<?=$p -> id?>"><?=$p -> pol?></option>
            <?php endforeach;?>
        </select>
        </div>
    </div>
    <div class="row d-flex justify-content-center mt-4">
        <label for="glavnaSlika" class="col-sm-2">Main picture</label>
        <div class="col-sm-6">
        <input type="file" class="glavnaSlika textcenter"  id="glavnaSlika" name=
"glavnaSlika" />
        </div>
```

```
    </div>
    <div class="row d-flex justify-content-center mt-4">
        <div class="col-sm-6">
        <input type="hidden" class="idProizvodaUp textcenter" name="idProizvodaUp
" value="<?= $id ?>" required/>
        </div>
    </div>
    <div class="row mt-5">
        <div class="col-sm-10 text-center mx-auto">
        <input type="button" class="donebtn" name="donebtn" value="Add product" /
>
        <i class="fa fa-info-circle ml-2" ariahidden="true" data-
toggle="tooltip" dataplacement="top" title="Everything must be entered as initial
ly shown"></i>
        </div>
    </div>
 </form>
 </div>
```

views/admin/logins.php

```
<?php

 require_once "config/connection.php";

?>

<div class="container-xl-fluid  w-75 ml-4">
<div class="table-responsive-lg  table-responsive-sm table-responsive-md ">
    <h2 class="text-center mt-4"> Users in last 24h:</h2>
   <table class="table table-dark">
    <thead>
        <tr>
        <th scope="col">idUser</th>
        <th scope="col">First</th>
        <th scope="col">Last</th>
        <th scope="col">email</th>
        </tr>
    </thead>
    <tbody>
    <?php
        $file = file(LOGIN_USERS);
```

```
        $ids = [];

        foreach($file as $row){

            $day = 60*60*24;
            $values = explode("\t",$row);
            $idUser = $values[0];
            $timeUser = trim($values[1]);

            if(!in_array($idUser,$ids) && time() - $timeUser <= $day){
                array_push($ids,$idUser);
            }
        }


        foreach($ids as $id):
            $user = getUser($id);
            if($user):
    ?>
                <tr>
                <th scope="row"><?= $user -> id?></th>
                <td><?= $user -> ime?></td>
                <td><?= $user -> prezime?></td>
                <td><?= $user -> email?></td>
                </tr>
          <?php endif; endforeach; ?>
    </tbody>
    </table>

    </div>

   </div>
```

views/admin/messages.php

```
<?php
include "models/form/getMessages.php";
?>
  <div class="container-xl-fluid  w-75 ml-4">
   <div class="table-responsive-lg  table-responsive-sm table-responsive-md ">
   <?php if(count($poruke) == 0) {?>
         <h1 class="text-center py-5"> No message to display</h1>
```

```
    <?php
        } else{?>
   <table class="table table-dark">
    <thead>
        <tr>
        <th scope="col">idUser</th>
        <th scope="col">First</th>
        <th scope="col">Last</th>
        <th scope="col">Email</th>
        <th scope="col">Message</th>
        <th scope="col">Remove</th>
        </tr>
    </thead>
    <tbody>
    <?php
            foreach($poruke as $poruka): ?>
                <tr>
                <th scope="row"><?=$poruka -> idKorisnika?></th>
                <td><?=$poruka -> ime?></td>
                <td><?=$poruka -> prezime?></td>
                <td><?=$poruka -> email?></td>
                <td><?=$poruka -> opis?></td>
                <td><a href="models/form/deleteMessage.php?id=<?=$poruka -
> id?>" class="delmess">Remove message
                </tr>
                <?php endforeach;  }?>
    </tbody>
    </table>

    </div>

   </div>
```

views/admin/statistics.php

```
<?php
include "models/entryStatistics.php";
?>
<h2 class="my-4 text-
center"> Number of visitors in last 24h : <p><?=$brElemenata?></p> </h2>

<h2 class="my-4 text-center"> Visited pages in percentage </h2>
```

```
<table class="table text-center">
  <thead>
    <tr>
      <th scope="col">Home</th>
      <th scope="col">Store</th>
      <th scope="col">Contact</th>
      <th scope="col">Author</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <td><?=round($home*100/$brElemenata,2)?> %</td>
      <td><?=round($prodavnica*100/$brElemenata,2)?> %</td>
      <td><?=round($kontakt*100/$brElemenata,2)?> %</td>
      <td><?=round($autor*100/$brElemenata,2)?> %</td>
    </tr>
  </tbody>
</table>

<table class="table mt-5 text-center">
  <thead>
    <tr>
      <th scope="col">Admin</th>
      <th scope="col">Login</th>
      <th scope="col">Registration</th>
      <th scope="col">Cart</th>
    </tr>
  </thead>
  <tbody>
    <tr>
    <td><?=round($admin*100/$brElemenata,2)?> %</td>
      <td><?=round($login*100/$brElemenata,2)?> %</td>
      <td><?=round($registracija*100/$brElemenata,2)?> %</td>
      <td><?=round($korpa*100/$brElemenata,2)?> %</td>
    </tr>
  </tbody>
</table>
```

views/admin/updateDelete.php

```
<?php
    include "models/admin/allProducts.php";
```

```
?>
<div class="row d-flex align-items-center">
                <div class="col-12 mt-5 mb-5 mx-auto">
                    <table class="col-12 mx-auto">
                        <thead class="mt-3 mb-3 p-1 border border-dark col-
12 obojiPozadinuPlavu">
                            <tr class="p-1">
                                <th class="p-2 border border-dark text-
center">Picture</th>
                                <th class="p-2 border border-dark text-
center">Name</th>
                                <th class="p-2 border border-dark text-
center">Quantity</th>
                                <th class="p-2 border border-dark text-
center">Price</th>
                                <th class="p-2 border border-dark text-
center" colspan="2">Update/Delete</th>
                            </tr>
                        </thead>
                        <tbody class="mt-3 mb-3 p-1 border border-dark text-
center col-12">

                        <?php foreach($proizvodi as $pk): ?>
                            <tr class="p-1 border-bottom border-dark">
                                <td class="p-
2"><img src="assets/img/thumbnails/<?= $pk -> thumbSlika ?>" alt="<?= $pk -
> naziv?>" class="img-fluid urediSlikeAdminPanela"/></td>
                                <td class="p-2"><?= $pk -> naziv?></td>
                                <td class="p-2"><?= $pk ->kolicina?></td>
                                <td class="p-2 "><?= $pk -> cena?>$</td>
                                <td class="p-2">
                                <a href="<?=$_SERVER['PHP_SELF']?>?page=store&idP
roizvoda=<?=$pk -
> id?>"><input type="button" value="Update product" id="deletebtn" name="updatebt
n" class="btnza btn btn-outline-dark float-right mr-2 updatebtn " /></a>
                                </td>
                                <td class="p-2">
                                    <a href="models/products/product/deleteProduc
t.php?idProizvoda=<?=$pk -
> id?>"><input type="button" value="Delete product" id="deletebtn" name="deletebt
n" class="btn btn-outline-dark float-right mr-4" /></a>
                                </td>
                            </tr>
                        <?php endforeach; ?>
```

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

models/admin/allProducts.php

```
<?php

$upit = "SELECT * FROM proizvodi";
$izvrsi = $conn -> query($upit);
$proizvodi = $izvrsi -> fetchAll();

?>
```

models/cart/insertOrder.php

```
<?php

session_start();

$korisnik = $_SESSION['korisnik'];


include "../../config/connection.php";

if($_SERVER["REQUEST_METHOD"] == "POST") {
    $products = $_POST['products'];
    $kolicina = $_POST['kolicinaNiz'];
    $cena = $_POST['cenaNiz'];

    $ukupnaCena = array_sum($cena);


    $query = "INSERT INTO porudzbina(`idKorisnika`, `imeKupac`, `emailKupca`, `uk
upnaCena`) VALUES (:idKorisnika, :ime, :email, :ukupnaCena)";

    $execution = $conn->prepare($query);
    $execution->bindParam(':idKorisnika', $korisnik -> id);
    $execution->bindParam(':ime', $korisnik -> ime);
    $execution->bindParam(':email', $korisnik -> email);
    $execution->bindParam(':ukupnaCena', $ukupnaCena);
```

```
    $result = $execuion->execute();



    if($result){
        $orderId = $conn->lastInsertId();
        foreach($products as $product){

            $query1 = "SELECT cena FROM proizvodi WHERE id = :id";
            $execution1 = $conn->prepare($query1);
            $execution1 ->bindParam(':id', $product['id']);
            $execution1->execute();
            $priceProduct = $execution1 -> fetch();

            $query2 = "INSERT INTO porudzbinadetalji(`id_porudzbine`, `id_proizvo
da`, `cena_proizvoda`, `kolicina`) VALUES (:id_porudzbine, :id_proizvoda, :cena_p
roizvoda, :kolicina)";
            $execution2 = $conn->prepare($query);
            $execution2->bindParam(':id_porudzbine', $orderId);
            $execution2->bindParam(':id_proizvoda', $product['id']);
            $execution2->bindParam(':cena_proizvoda', $priceProduct);
            $execution2->bindParam(':kolicina',$product['quantity']);

            $result2 = $execution2->execute();
            if($result2){
                http_response_code(201);
            }
        }
    }
    else{
        http_response_code(500);
    }
}
?>
```

models/categories/getBrands.php

```
<?php
$upit = "SELECT * FROM brend";
$izvrsi = $conn -> query($upit);
$izvrsiBrend = $izvrsi -> fetchAll();
?>
```

models/categories/getGenders.php

```php
<?php
$upitPol = "SELECT * FROM pol";
$izvrsiPol = $conn -> query($upitPol);
$izvrsiPol = $izvrsiPol -> fetchAll();
?>
```

models/form/deleteMessage.php

```php
<?php
    include "../../config/connection.php";

    $id = $_GET["id"];

    $upit = "DELETE FROM poruka WHERE id = :id";

    $izvrsi = $conn -> prepare($upit);
    $izvrsi -> bindParam(":id", $id);

    try{
        $izvrsi -> execute();
        header("Location: ../../index.php?page=admin&ind=messages");
    }

    catch(Exception $e) {
        var_dump($e->getMessage());
    }
```

models/form/getMessages.php

```php
<?php
$query = "SELECT * FROM poruka";
$poruke = queryFunc($query);
?>
```

models/form/insertMessage.php

```php
<?php
```

```php
session_start();
include "../../config/connection.php";
require_once "../../config/functions.php";

if($_SERVER["REQUEST_METHOD"] != "POST") {
    http_response_code(404);
    exit;
}

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

    $greske = [];


    function check(&$greske, $key){
        if(empty($_POST[$key])){
        $greske[] = $key . " is required!";
        }
    }
    function promenljiva($key){
        return $_POST[$key];
    }
    function checkRegEx(&$greske, $regEx, $key){
        if(!preg_match($regEx, $_POST[$key])){
        array_push($greske, $key. " is not in good format.");
        }
    }

    check($greske, "FirstName");
    check($greske, "LastName");
    check($greske, "Email");
    check($greske, "Message");


    if(count($greske)){
        http_response_code(400);
        echo json_encode($greske);
        exit;
    }

    $regexImePrezime = "/^([A-Z][a-z]{1,50}\s?)+$/";
    $regexPoruka = "/^.{2,}$/";
    $regexEmail = "/^([a-zA-Z0-9_\-\.]+)@([a-zA-Z0-9_\-\.]+)\.([a-zA-Z]{2,5})$/";
```

```
    checkRegEx($greske, $regexImePrezime, "FirstName");
    checkRegEx($greske, $regexImePrezime, "LastName");
    checkRegEx($greske, $regexEmail, "Email");
    checkRegEx($greske, $regexPoruka, "Message");


    if(count($greske)){
        http_response_code(400);
        echo json_encode($greske);
        errorsInTxt($greske);
        exit;
    }


    $ime = promenljiva("FirstName");
    $prezime = promenljiva("LastName");
    $email = promenljiva("Email");
    $poruka = promenljiva("Message");
    $id = promenljiva('id');

    $upit = "INSERT INTO poruka (idKorisnika, ime, prezime, email,opis) VALUES (:
id,:ime,:prezime,:email,:opis)";

    $izvrsi  = $conn -> prepare($upit);
    $izvrsi -> bindParam(":id",$id);
    $izvrsi -> bindParam(":ime",$ime);
    $izvrsi -> bindParam(":prezime",$prezime);
    $izvrsi -> bindParam(":email",$email);
    $izvrsi -> bindParam(":opis",$poruka);

    $izvrseno = $izvrsi -> execute();

    if($izvrseno){
        echo json_encode("Your message has been send!");;
        http_response_code(200);
    }

?>
```

models/login/login.php

```
<?php
```

```php
session_start();

if($_SERVER["REQUEST_METHOD"] != "POST") {
    http_response_code(404);
exit;
}

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

$email = $_POST['email'];
$lozinka = $_POST['sifra'];
$regexEmail = "/^([a-zA-Z0-9_\-\.]+)@([a-zA-Z0-9_\-\.]+)\.([a-zA-Z]{2,5})$/";
$greske = [];

if(!preg_match($regexEmail, $email)){
    $greske[] = "Email not in good format";
}

if(count($greske) == 0){
    include "../../config/connection.php";
    $upit = "SELECT id, email, idUloge,ime FROM korisnici WHERE email = :email AN
D password = :lozinka AND aktivan = 1";
    $priprema = $conn->prepare($upit);
    $priprema->bindParam(":email", $email);

    $lozinka = md5($lozinka);
    $priprema->bindParam(":lozinka", $lozinka);

    $priprema->execute();

    if($priprema->rowCount() == 1){
        http_response_code(200);
        echo json_encode("uspelo");
        $korisnik = $priprema->fetch();

        if($korisnik -> idUloge == 1){
            $_SESSION['admin'] = $korisnik;
            $_SESSION['korisnik'] = $korisnik;
            loginUsers($korisnik);
        }
        else if($korisnik -> idUloge == 2) {
            $_SESSION['korisnik'] = $korisnik;
            loginUsers($korisnik);
        }
    }
```

```
    else {
        http_response_code(400);
        echo json_encode("Wrong password or email. Please try again.");
        errorsInTxt("Wrong password or email. Please try again.");
    }
}
else {
    http_response_code(400);
    echo json_encode($greske);
}
?>
```

models/logout/logout.php

```
<?php
    session_start();

    if(isset($_SESSION['korisnik'])){
        unset($_SESSION['korisnik']);
        session_destroy();
        header("Location: ../../index.php?page=home");
}
?>
```

models/products/product/addProduct.php

```
<?php
    require_once "../../../config/connection.php";

 if($_SERVER["REQUEST_METHOD"] != "POST") {
    http_response_code(404);
    exit;
}

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

    function proveri(&$greske, $key){
        if(empty($_POST[$key])){
```

```
        array_push($greske, $key . " is required!");
}
}
function promenljiva($key){
    return $_POST[$key];
}

function proveriSlike(&$greske, $key){
    $tip = strtolower(pathinfo($_FILES[$key]['name'], PATHINFO_EXTENSION));

    if($tip != "jpg" && $tip != "jpeg" && $tip != "png"){
        $greske[] = $key . " is not in good format!";
    }
}

$greske = [];

proveri($greske, "ime");
proveri($greske, "cena");
proveri($greske, "staracena");
proveri($greske, "brandProizvoda");
proveri($greske, "pol");
proveri($greske, "kolicina");

if(!isset($_FILES['glavnaSlika'])){
    $greske[] = "Main picture is required!";
}


if(count($greske)){
    http_response_code(400);
    echo json_encode($greske);
    exit;
}

function proveriRegEx(&$greske, $regEx, $key){
    if(!preg_match($regEx, $_POST[$key])){
        array_push($greske, $key. " is not in good format.");
    }
}

$regIme ="/^[\w\d\s]+$/";
$regCena = "/^[0-9]+\.?[0-9]*$/";
$regZaj = "/^[0-9]{1,}$/";
```

```php
proveriRegEx($greske, $regIme, "ime");
proveriRegEx($greske, $regCena, "cena");
proveriRegEx($greske, $regCena, "staracena");
proveriRegEx($greske, $regZaj, "kolicina");


proveriSlike($greske, "glavnaSlika");

if(count($greske)){
    http_response_code(400);
    echo json_encode($greske);
    exit;
}

$ime = promenljiva("ime");
$cena = promenljiva("cena");
$staracena = promenljiva("staracena");
$pol = promenljiva("pol");
$kolicina = promenljiva("kolicina");
$brandProizvoda = promenljiva("brandProizvoda");


$glavnaSlika = $_FILES['glavnaSlika'];

$fileName = pathinfo($_FILES['glavnaSlika']['name'], PATHINFO_FILENAME);
$fileNameEx = pathinfo($_FILES['glavnaSlika']['name'], PATHINFO_EXTENSION);
$tmpName = $_FILES['glavnaSlika']['tmp_name'];
$fileSize = $_FILES['glavnaSlika']['size'];
$fileType = $_FILES['glavnaSlika']['type'];
$fileError = $_FILES['glavnaSlika']['error'];

$nazivSlike = $fileName. "." . $fileNameEx;
$uploadDir = "../../../assets/img/";

$filePath = $uploadDir . $nazivSlike;
$rezultat = move_uploaded_file($tmpName, $filePath);


if(!$rezultat){
    echo json_encode("Error uploading file!");
    exit;
}
else{

    $resizedPath = "../../../assets/img/thumbnails/";
```

```
        $thumbSlika = thumbSlika($filePath,$resizedPath);

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

        $upitGlavni = "INSERT INTO proizvodi VALUES(NULL, :ime, :cena, :staracena
, :datum,:glavnaSlika, :thumbSlika, :idPol, :idBrend, :kolicina)";

        $izvrsiGlavno = $conn -> prepare($upitGlavni);
        $izvrsiGlavno -> bindParam(":ime", $ime);
        $izvrsiGlavno -> bindParam(":cena", $opis);
        $izvrsiGlavno -> bindParam(":cena", $cena);
        $izvrsiGlavno -> bindParam(":staracena", $staracena);
        $izvrsiGlavno -> bindParam(":datum", $datum);
        $izvrsiGlavno -> bindParam(":glavnaSlika", $nazivSlike);
        $izvrsiGlavno -> bindParam(":thumbSlika", $thumbSlika);
        $izvrsiGlavno -> bindParam(":idPol", $pol);
        $izvrsiGlavno -> bindParam(":idBrend", $brandProizvoda);
        $izvrsiGlavno -> bindParam(":kolicina", $kolicina);

        try{
            $izvrsiGlavno -> execute();
            echo json_encode("Successfully added item");
        }
        catch(Exception $e) {
            var_dump($e->getMessage());
            upisGresakaUTxtFajl("you did not added item.");
        }
    }

?>
```

models/products/product/deleteProduct.php

```
<?php
 require_once "../../../config/connection.php";

$id = $_GET["idProizvoda"];

$upit = "DELETE FROM proizvodi WHERE id = :id";

$izvrsi = $conn -> prepare($upit);
```

```
$izvrsi -> bindParam(":id", $id);

try{
 $izvrsi -> execute();
 header("Location: ../../../index.php?page=store");
}

catch(Exception $e) {
 var_dump($e->getMessage());
}
```

models/products/product/getBrand.php

```
<?php
$brendid = $p ->idBrend;
$upitBrend = "SELECT * FROM brend WHERE $brendid = id";
$izvrsiBrend = $conn -> query($upitBrend);
$brend = $izvrsiBrend -> fetch();
?>
```

models/products/product/getGender.php

```
<?php
$polid = $p ->idPol;
$upitPol = "SELECT * FROM pol WHERE $polid = id";
$izvrsiPol = $conn -> query($upitPol);
$pol = $izvrsiPol -> fetch();
?>
```

models/products/product/getProduct.php

```
<?php
$upit = "SELECT * FROM proizvodi WHERE id = :id";
$izvrsi = $conn -> prepare($upit);
$izvrsi -> bindParam(":id", $id);
$izvrsi -> execute();
$p = $izvrsi -> fetch();
?>
```

models/products/product/updateProduct.php

```php
<?php
 require_once "../../../config/connection.php";

 if($_SERVER["REQUEST_METHOD"] != "POST") {
    http_response_code(404);
    exit;
 }


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

function proveri(&$greske, $key){
   if(!isset($_POST[$key])){
      array_push($greske, $key . " is required!");
   }
}

function promenljiva($key){
   return $_POST[$key];
}

function proveriSlike(&$greske, $key){
   $tip = strtolower(pathinfo($_FILES[$key]['name'], PATHINFO_EXTENSION));

   if($tip != "jpg" && $tip != "jpeg" && $tip != "png"){
      $greske[] = $key . " is not in good format!";
   }
}

$greske = [];
 proveri($greske, "ime");
 proveri($greske, "cena");
 proveri($greske, "staracena");
 proveri($greske, "brandProizvoda");
 proveri($greske, "pol");
 proveri($greske, "kolicina");


if(count($greske)){
   errorsInTxt($greske);
   http_response_code(400);
```

```
    echo json_encode($greske);
    exit;
}

function proveriRegEx(&$greske, $regEx, $key){
    if(!preg_match($regEx, $_POST[$key])){
        array_push($greske, $key. " is not in good format.");
    }
}

$regIme ="/^[\w\d\s]+$/";
$regCena = "/^[0-9]+\.?[0-9]*$/";
$regZaj = "/^[0-9]{1,}$/";


proveriRegEx($greske, $regIme, "ime");
proveriRegEx($greske, $regCena, "cena");
proveriRegEx($greske, $regCena, "staracena");
proveriRegEx($greske, $regZaj, "kolicina");

if(count($greske)){
    errorsInTxt($greske);
    http_response_code(400);
    echo json_encode($greske);
    exit;
}


$ime = promenljiva("ime");
$cena = promenljiva("cena");
$staracena = promenljiva("staracena");
$pol = promenljiva("pol");
$kolicina = promenljiva("kolicina");
$brandProizvoda = promenljiva("brandProizvoda");
$id = promenljiva("id");


$upitGlavni = "UPDATE proizvodi SET naziv = :ime, cena = :cena, staracena = :star
acena,idPol = :pol, idBrend = :idBrend, kolicina = :kolicina WHERE id = :id";

$izvrsiGlavno = $conn -> prepare($upitGlavni);
$izvrsiGlavno -> bindParam(":ime", $ime);
$izvrsiGlavno -> bindParam(":cena", $cena);
$izvrsiGlavno -> bindParam(":staracena", $staracena);
$izvrsiGlavno -> bindParam(":idBrend", $brandProizvoda);
```

```php
$izvrsiGlavno -> bindParam(":pol", $pol);
$izvrsiGlavno -> bindParam(":kolicina", $kolicina);
$izvrsiGlavno -> bindParam(":id", $id);


try{
   $izvrsiGlavno -> execute();
}
catch(Exception $e) {
   var_dump($e->getMessage());
}


if(isset($_FILES['glavnaSlika'])){

   $fileName = pathinfo($_FILES['glavnaSlika']['name'], PATHINFO_FILENAME);
   $fileNameEx = pathinfo($_FILES['glavnaSlika']['name'], PATHINFO_EXTENSION);
   $tmpName = $_FILES['glavnaSlika']['tmp_name'];
   $fileSize = $_FILES['glavnaSlika']['size'];
   $fileType = $_FILES['glavnaSlika']['type'];
   $fileError = $_FILES['glavnaSlika']['error'];

   proveriSlike($greske, "glavnaSlika");

   if(count($greske)){
      http_response_code(400);
      echo json_encode($greske);
   exit;
   }

   $nazivSlike = $fileName. "." . $fileNameEx;
   $uploadDir = "../../../assets/img/";
   $filePath = $uploadDir . $nazivSlike;
   $rezultat = move_uploaded_file($tmpName, $filePath);

   if(!$rezultat){
      echo json_encode("Error uploading file!");
      exit;
   }
   $upitGlavnaSlika = "UPDATE proizvodi SET glavnaSlika = :slika WHERE id = :id";
   $izvrsiGlavnaSlika = $conn -> prepare($upitGlavnaSlika);
   $izvrsiGlavnaSlika -> bindParam(":slika", $nazivSlike);
   $izvrsiGlavnaSlika -> bindParam(":id", $id);
   try{
      $izvrsiGlavnaSlika -> execute();
```

```
    }
    catch(Exception $e) {
       var_dump($e->getMessage());
    }

}

echo json_encode("Successfully updated!");


?>
```

models/products/allProductsCart.php

```
<?php
require_once "../../config/connection.php";
$upit = "SELECT * FROM proizvodi";
$izvrsi = $conn -> query($upit);
$proizvodi = $izvrsi -> fetchAll();
header("Content-type: application/json");
echo json_encode($proizvodi);
?>
```

models/products/filterBrand.php

```
<?php

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

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

    $id = $_POST["id"];

    $upit = "SELECT * FROM proizvodi WHERE idBrend = :id";
    $pripremi = $conn -> prepare($upit);
    $pripremi -> bindParam(":id", $id);
        try{
            $uspeh = $pripremi -> execute();
            if($uspeh){
```

```
                http_response_code(200);
                $proizvodi = $pripremi -> fetchAll();
                echo json_encode($proizvodi);
        }

        }catch(PDOException $e){
            var_dump($e -> getMessage());
        }

?>
```

models/products/filterGender.php

```
<?php

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

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

    $vrednost = $_POST["val"];


    if($vrednost == "Male"){
        $upit = "SELECT * FROM proizvodi as p INNER JOIN pol as pl ON pl.id = p.i
dPol WHERE pl.pol = :vrednost";
        $pripremi = $conn -> prepare($upit);
        $pripremi -> bindParam(":vrednost", $vrednost);
            try{
                $uspeh = $pripremi -> execute();
                if($uspeh){
                    http_response_code(200);
                    $proizvodi = $pripremi -> fetchAll();
                    echo json_encode($proizvodi);
            }

            }catch(PDOException $e){
                var_dump($e -> getMessage());
            }
    }

    if($vrednost == "Female"){
        $upit = "SELECT * FROM proizvodi as p INNER JOIN pol as pl ON pl.id = p.i
dPol WHERE pl.pol = :vrednost";
```

```
        $pripremi = $conn -> prepare($upit);
        $pripremi -> bindParam(":vrednost", $vrednost);
            try{
                $uspeh = $pripremi -> execute();
                if($uspeh){
                    http_response_code(200);
                    $proizvodi = $pripremi -> fetchAll();
                    echo json_encode($proizvodi);
            }

            }catch(PDOException $e){
                var_dump($e -> getMessage());
            }
    }
?>
```

models/products/pages.php

```
<?php

$upitBr = "SELECT COUNT(*) as broj FROM proizvodi";
$brIzvrsi = $conn -> query($upitBr);
$brukupno = $brIzvrsi -> fetch();
$brukupno = intval($brukupno -> broj);
$poStr = 8;
$brStrana = ceil($brukupno/$poStr);

    if(!isset($_GET['strana'])){
        $strana = 1;
    }
    else{
        $strana = $_GET['strana'];
    }

$rezStrana = ($strana-1)*$poStr;
$upitPoStr = "SELECT * FROM proizvodi LIMIT :rezStrana, :poStr";
$izvrsipostr = $conn -> prepare($upitPoStr);
$izvrsipostr -> bindParam(":rezStrana",$rezStrana,PDO::PARAM_INT);
$izvrsipostr -> bindParam(":poStr",$poStr,PDO::PARAM_INT);
$izvrsipostr ->execute();
$proizvodi = $izvrsipostr -> fetchAll();
```

```
?>
```

models/products/priceRange.php

```
<?php
   require_once "../../config/connection.php";

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

    $cena = $_POST["cena"];

    $cena = intval($cena);

    $upit = "SELECT * FROM proizvodi WHERE cena BETWEEN 0 AND :cena";
    $pripremi = $conn -> prepare($upit);
    $pripremi -> bindParam(":cena", $cena);

    try{
        $uspeh = $pripremi -> execute();
        if($uspeh){
            http_response_code(200);
            $proizvodi = $pripremi -> fetchAll();
            echo json_encode($proizvodi);
    }

    }catch(PDOException $e){
        var_dump($e -> getMessage());
    }


?>
```

models/products/sort.php

```
<?php
   require_once "../../config/connection.php";

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

```php
 $vrednost = $_POST["val"];

if($vrednost == "desc"){
     $upit = "SELECT * FROM proizvodi ORDER BY cena DESC";
     $pripremi = $conn -> query($upit);
         try{
             $uspeh = $pripremi -> execute();
             if($uspeh){
                 http_response_code(200);
                 $proizvodi = $pripremi -> fetchAll();
                 echo json_encode($proizvodi);
         }

         }catch(PDOException $e){
             var_dump($e -> getMessage());
         }
}

else if($vrednost == "asc"){
     $upit = "SELECT * FROM proizvodi ORDER BY cena";
     $pripremi = $conn -> query($upit);
         try{
             $uspeh = $pripremi -> execute();
             if($uspeh){
                 http_response_code(200);
                 $proizvodi = $pripremi -> fetchAll();
                 echo json_encode($proizvodi);
         }

         }catch(PDOException $e){
             var_dump($e -> getMessage());
         }
}

else if($vrednost == "descbyName"){
 $upit = "SELECT * FROM proizvodi ORDER BY naziv";
 $pripremi = $conn -> query($upit);
     try{
         $uspeh = $pripremi -> execute();
         if($uspeh){
             http_response_code(200);
             $proizvodi = $pripremi -> fetchAll();
             echo json_encode($proizvodi);
     }
```

```
        }catch(PDOException $e){
            var_dump($e -> getMessage());
        }
    }

?>
```

models/products/registration/registration.php

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

    if($_SERVER["REQUEST_METHOD"] != "POST") {
    http_response_code(404);
    exit;
    }

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

    $ime = $_POST['ime'];
    $prezime = $_POST['prezime'];
    $email = $_POST['email'];
    $lozinka = $_POST['sifra'];
    $lozinkaPonovo = $_POST['potvrdiSifru'];

    $regexIme = "/^[A-Z][a-z]{1,13}$/";
    $regexPrezime = "/^([A-Z][a-z]{1,30}\s?)+$/";
    $regexEmail = "/^([a-zA-Z0-9_\-\.]+)@([a-zA-Z0-9_\-\.]+)\.([a-zA-Z]{2,5})$/";
    $regexLozinka = "/^.{4,50}$/";

    $greske = [];

    if(!preg_match($regexIme, $ime)){
    $greske[] = "First name not entered correctly!";
    }
    if(!preg_match($regexPrezime, $prezime)){
    $greske[] = "Last name not entered correctly!";
    }
    if(!preg_match($regexEmail, $email)){
```

```
    $greske[] = "Email not entered correctly!";
    }
    if(!preg_match($regexLozinka, $lozinka)){
    $greske[] = "Password not entered correctly!";
    }
    if($lozinka != $lozinkaPonovo){
    $greske[] = "Password is not the same";
    }


    $upit = "SELECT * from korisnici where email = :email";
    $izvrsi = $conn -> prepare($upit);
    $izvrsi -> bindParam(":email", $email);
    $izvrseno = $izvrsi -> execute();
    $resenje = $izvrsi -> fetch();

    if($resenje != []){
    array_push($greske, "Email already exists!");
    }

    if(count($greske)) {
        http_response_code(400);
        echo json_encode($greske);
    }
    else {
        $upit = "INSERT INTO korisnici (ime, prezime, email, password,aktivan,dat
um,idUloge) VALUES (:ime, :prezime, :email, :password, :aktivan, :datum, :idUloge
)";

        $priprema = $conn->prepare($upit);
        $priprema->bindParam(":ime", $ime);
        $priprema->bindParam(":prezime", $prezime);
        $priprema->bindParam(":email", $email);
        $lozinka = md5($lozinka);
        $priprema->bindParam(":password", $lozinka);
        $datum = date("Y-m-d H:i:s");
        $priprema->bindParam(":datum", $datum);
        $isActive = 1;
        $priprema->bindParam(":aktivan", $isActive);

        define("KORISNIK_ULOGA", 2);

        $ulogaId = KORISNIK_ULOGA;

        $priprema->bindParam(":idUloge", $ulogaId);
```

```
        try {
            $isUneto = $priprema->execute();
            if($isUneto){
                http_response_code(200);
                echo json_encode("You have successfully registered!");
            }
        }
        catch(PDOException $ex) {
            $greske[] = "Email already exists!";

        }
    }
?>
```

models /entryStatistics.php

```
<?php

    $elementiTxtFajla = file(PAGE_ENTRY);
    $brElemenata = count($elementiTxtFajla);

    $kontakt = 0;
    $prodavnica = 0;
    $autor = 0;
    $admin = 0;
    $korpa = 0;
    $login = 0;
    $home = 0;
    $registracija = 0;

    for($i=0; $i < $brElemenata; $i++){
        $pojedinacniElementi = explode("\t", $elementiTxtFajla[$i]);
        $stranica = $pojedinacniElementi[0];
        switch($stranica){
            case "Kontakt":
                $kontakt++;
                break;
            case "Prodavnica":
                $prodavnica++;
                break;
```

```
            case "Admin":
                $admin++;
                break;
            case "Home":
                $home++;
                break;
            case "Korpa":
                $korpa++;
                break;
            case "Login":
                $login++;
                break;
            case "Autor":
                $autor++;
                break;
            case "Registracija":
                $registracija++;
                break;
        }
    }

?>
```

models/exportExcel.php

```
<?php
    require "../config/connection.php";

    $output = '';
    $query = "SELECT * FROM brend";
    $brands = queryFunc($query);

    if(count($brands) > 0){
        $output .= "<table class='excelTable'>
                <thead>
                <tr>
                <td>id</td>
                <td>Name</td>
                <td>Text</td>
                <td>Opis</td>
                </tr>
```

```
                </thead>
                <tbody>";
        foreach($brands as $brand){
            $output .= "<tr>
                    <td>" . $brand ->id ."</td>
                    <td>" .$brand -> naziv ."</td>
                    <td>" .$brand ->text."</td>
                    <td>" .$brand -> opis ."</td>
                    </tr>";
        }
        $output .= "</tbody></table>";
    }
    header("Content-Type: application/xls");
    header("Content-Disposition: attachment; filename=brands.xls");
    echo $output;
?>
```

models/exportWord.php

```
<?php
$filename = 'autor.doc';
header("Content-type: application/vnd.ms-word");
header( "Content-Disposition: attachment; filename=".basename($filename));
header( "Content-Description: File Transfer");
@readfile($filename);
$sadrzaj = '<html xmlns:v="urn:schemas-microsoft-com:vml" '
    .'xmlns:o="urn:schemas-microsoft-com:office:office" '
    .'xmlns:w="urn:schemas-microsoft-com:office:word" '
    .'xmlns:m="http://schemas.microsoft.com/office/2004/12/omml"= '
    .'xmlns="http://www.w3.org/TR/REC-html40">'
    .'<head><meta http-equiv="ContentType" content="text/html; charset=utf-8">'
    .'<title></title>'
    .'<!--[if gte mso 9]>'
    .'<xml>'
    .'<w:WordDocument>'
    .'<w:View>Print'
    .'<w:Zoom>100'
    .'<w:DoNotOptimizeForBrowser/>'
    .'</w:WordDocument>'
    .'</xml>'
    .'<![endif]-->'
    .'<style>
```

```
    @page
    {
    font-family: Calibri;
    size:215.9mm 279.4mm; /* A4 */
    margin:14.2mm 17.5mm 14.2mm 16mm; /* Margins: 2.5 cm on each side */
    }
    h2 { font-family: Calibri; font-size: 20px; text-align:center; }
    p {font-family: Calibri; font-size: 18px; text-align:center;}
    </style>'
    .'</head>'
    .'<body>'
    .'<h2>Aleksandar Arsic 3/19</h2><br/>'
    .'<p>Modul: Web programiranje</p>'
    .'<p>Predmet: Praktikum iz PHP-a</p>'
    .'</body>'
    .'</html>';
echo $sadrzaj;
?>
```

models/getBrands.php

```
<?php
$query = "SELECT * FROM brend";
$marke = queryFunc($query);
?>
```

models/getMenu.php

```
<?php
$query = "SELECT * FROM meni";
$menu = queryFunc($query);
?>
```

config/.env

DBNAME=dbphp

SERVER=localhost

USERNAME=root

PASSWORD=

config/config.php

```php
<?php

// Osnovna podesavanja
define("ABSOLUTE_PATH", "https://sneakershop10.000webhostapp.com"."/praktikum");


// Ostala podesavanja
define("ENV_FAJL", ABSOLUTE_PATH."/config/.env");

define("ERROR_LOG", ABSOLUTE_PATH."/data/errorLog.txt");
define("LOGIN_USERS", ABSOLUTE_PATH."/data/loginUsers.txt");
define("PAGE_ENTRY", ABSOLUTE_PATH."/data/pageEntry.txt");

// Podesavanja za bazu
define("SERVER", env("SERVER"));
define("DATABASE", env("DBNAME"));
define("USERNAME", env("USERNAME"));
define("PASSWORD", env("PASSWORD"));

function env($naziv){
    $podaci = file(ENV_FAJL);
    $vrednost = "";
    foreach($podaci as $key=>$value){
        $konfig = explode("=", $value);
        if($konfig[0]==$naziv){
            $vrednost = trim($konfig[1]);
```

```
        }
    }
    return $vrednost;
}
```

config/connection.php

```
<?php

require_once "config.php";
include "functions.php";
recordEntry();

try {
    $conn = new PDO("mysql:host=".SERVER.";dbname=".DATABASE.";charset=utf8", USE
RNAME, PASSWORD);
    $conn->setAttribute(PDO::ATTR_DEFAULT_FETCH_MODE, PDO::FETCH_OBJ);
    $conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
}
catch(PDOException $ex){
    echo $ex->getMessage();
}
```

config/functions.php

```
<?php

function queryFunc($upit){
    global $conn;
    return $conn->query($upit)->fetchAll();
}
```

```php
function thumbSlika($filePath,$resizedPath){

        $extension = pathinfo($filePath,PATHINFO_EXTENSION);

        $dimensions = getimagesize($filePath);

        list($width,$height) = $dimensions;

        $newWidth = 150;
        $newHeight = $height * $newWidth / $width;

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

        switch ($extension) {
            case 'jpg':
                $uploadedImage = imagecreatefromjpeg($filePath);
                break;
            case 'jpeg':
                $uploadedImage = imagecreatefromjpeg($filePath);
                break;
            case 'png':
                $uploadedImage = imagecreatefrompng($filePath);
                break;
        }

        imagecopyresampled($image,$uploadedImage,0,0,0,0,$newWidth,$newHeight,$wi
dth,$height);

        $resizedImagePath = $resizedPath;
        $namePic = time()."_"."resizedImage.".$extension;

        switch ($extension) {
            case 'jpg':
                imagejpeg($image,$resizedImagePath.$namePic);
                break;
            case 'jpeg':
                imagejpeg($image,$resizedImagePath.$namePic);
                break;
            case 'png':
                imagepng($image,$resizedImagePath.$namePic);
                break;
        }

    return $namePic;
}
```

```php
function errorsInTxt($greske){

    $adresa = $_SERVER['REMOTE_ADDR'];
    $datum = date("m-d-Y, h:i:s");

    if(is_array($greske)){

        foreach($greske as $greska){
            $message = $greska."\t".$adresa."\t".$datum."\n";
        }
    }
    else{
        $message = $greske."\t".$adresa."\t".$datum."\n";
    }

    $txtFajl = fopen(ERROR_LOG, 'ab');
    fwrite($txtFajl, $message);
    fclose($txtFajl);
}

function recordEntry(){

    $vreme = time();
    $adresa = $_SERVER['REMOTE_ADDR'];
    $posecenaStranica = "";
    $nizGresaka = [];

    $trajanjeDana = 24*60*60;

    date_default_timezone_set('Europe/Belgrade');


    if(isset($_GET["page"])){
        switch ($_GET["page"]){
            case "home":
                $posecenaStranica = "Home";
                break;
            case "login":
                $posecenaStranica = "Login";
                break;
            case "registration":
                $posecenaStranica = "Registracija";
                break;
            case "store":
```

```
                $posecenaStranica = "Prodavnica";
                break;
            case "cart":
                $posecenaStranica = "Korpa";
                break;
            case "contact":
                $posecenaStranica = "Kontakt";
                break;
            case "author":
                $posecenaStranica = "Autor";
                break;
            case "admin":
                $posecenaStranica = "Admin";
                break;
        }
    }

    $pristupStranicama = file(PAGE_ENTRY);
    $niz = count($pristupStranicama);
    $txtFajl =fopen(PAGE_ENTRY, 'w');

    for($i=0; $i < $niz; $i++){
        $elementiIzFajla = explode("\t", $pristupStranicama[$i]);
        $stranica = $elementiIzFajla[0];
        $vremePristupa = $elementiIzFajla[1];
        $korisnik = $elementiIzFajla[2];
        $korisnik = trim($korisnik);
        $vremeKojeJePreostalo = $vreme - $vremePristupa;
        if($vremeKojeJePreostalo <= $trajanjeDana){
            fwrite($txtFajl, $stranica."\t".$vremePristupa."\t".$korisnik."\n");
        }
    }

    fclose($txtFajl);

    if(count($nizGresaka) == 0){
        $upisPristupaStranicama = $posecenaStranica."\t".$vreme."\t".$adresa."\n"
;
        $otvoriFajl = fopen(PAGE_ENTRY, 'ab');
        fwrite($otvoriFajl, $upisPristupaStranicama);
        fclose($otvoriFajl);
    }
}

function loginUsers($korisnik){
```

```
    $vreme = time();
    $txtFajl = fopen(LOGIN_USERS, 'ab');

    fwrite($txtFajl, $korisnik -> id."\t".$vreme."\n");
    fclose($txtFajl);

}

function getUser($id){
    global $conn;
    $query = "SELECT * FROM korisnici WHERE id = ?";
    $exec = $conn->prepare($query);
    $exec->execute([$id]);

    $retr = $exec->fetch();
    return $retr;
}

?>
```

3.1 CSS

style.css

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

*{
  padding: 0px;
  margin: 0px;
  font-family:'font';
}
#hed{
  background-color:#142236;
  opacity:0.9;
}
```

```css
.logo a img{
  width:80px;
}
#nav{
  list-style-type: none;
  padding-top:20px;
}
#nav li {
  padding-left:50px;
}
#nav  li a{
  text-decoration: none;
  color:#fff;
  text-transform:uppercase;
}
#nav li a:hover{
  color:#000;
}
#banner img{
  background-position: center;
  width:100%;
  height:auto;
}


#pic{
  background-image: url('../img/asics.jpg');
  min-height:600px;
  width:100%;
  background-repeat:no-repeat;
  background-position: center;
}
#pic1{
  background-image: url('../img/pumamirage.jpg');
  min-height:600px;
  width:100%;
  background-repeat:no-repeat;
  background-position: center;
}
#pic2{
  background-image: url('../img/nikewall.jpg');
  min-height:600px;
  width:100%;
  background-repeat:no-repeat;
  background-position: center;
```

```
}
/*hamburger*/
.hamb{
  display:none;
  font-size:2rem;
  cursor:pointer;
  color:#fff;
}
.meniResp{
  display:none !important;
}
.meniResp li a{
  font-size:1.4rem;
  color:#fff;
  padding-bottom:2rem;
}
.tekst a{
  text-decoration: none;
  color:#fff;
  background-color:#0071E3;
  padding:5px 10px 5px 10px;
  margin:0px auto;
  border-radius:10px;
}
.tekst a:hover{
  text-decoration: none;
  font-weight: bold;
  color:#fff;
}

.tekstnaslov{
  color:#4d4d4d;
}

.bg-slika{
  background-color:#000;
}
.picpatike img{
  width:80%;
}
.tekstpatike {
  text-align:center;
  color:#fff;
}
.tekstpatike a{
```

```
  text-decoration: none;
  color:#fff;
}
.tekstpatike a:hover{
  text-decoration:none;
  color:#fff;
  font-weight:bold;
}

.tekstpatikewhite a{
  text-decoration: none;
  color:#fff;
}
.tekstpatikewhite a:hover{
  text-decoration:none;
  color:#fff;
  font-weight:bold;
}

.tekstpatikewhite{
  text-align:center;
    color:#142236;
}

.buylink{
  background-color:#0071E3;
  width:30%;
  padding:10px 20px 10px 20px;
  margin:0px auto;
  border-radius:10px;
}
.desno{
  float:right;
}

/*up dugme*/
.up{
  position: fixed;
    bottom: 30px;
    right: 30px;
  padding:3px 10px 5px 10px;
  z-index: 100;
  font-size:30px;
  background-color: #142236;
  border-radius:50%;
```

```
  border:0px;
  display:none;
}
button.up:focus{
  outline:0px!important;
}
.up:hover {
  opacity: 0.8;
  }
.up{
  border:0px;
  color:#fff;

}
.up a:hover{
  color:#fff;
}

/* forma */

section.contact-us {
  margin-top: 100px;
  margin-bottom: 60px;
}

.bottom-pad{
  padding-bottom:200px;
}

.forma2 a{
  color:#fff;
}
.forma2 a:hover{
  text-decoration:none;
  color:rgb(5, 2, 17);
}


.contact-us .section-heading h2 {
  text-align: left;
  margin-top: 0px;
  margin-bottom: 60px;
  font-size: 22px;
  font-weight: 700;
  letter-spacing: 0.5px;
```

```
  text-transform: uppercase;
  color: #121212;
}

.contact-us p {
  margin-top: -5px;
}

.contact-us em {
  font-style: normal;
  font-weight: 500;
  font-size: 15px;
  color: #aaa;
}

.contact-us input {
  border-radius: 3px;
  padding-left: 15px;
  font-size: 13px;
  color: #4a4a4a;
  background-color: #f4f4f4;
  outline: none!important;
  border: none;
  box-shadow: none;
  line-height: 44px;
  height: 44px;
  width: 100%;
  margin-bottom: 30px;
}

.contact-us textarea {
  border-radius: 3px;
  padding-left: 15px;
  padding-top: 10px;
  font-size: 13px;
  color: #4a4a4a;
  background-color: #f4f4f4;
  outline: none;
  border: none;
  box-shadow: none;
  height: 122px;
  max-height: 220px;
  width: 100%;
  margin-bottom: 25px;
}
```

```css
.contact-us button {
  width: 100%;
  display: inline-block;
  background-color: #142236;
  color: #fff!important;
  font-size: 13px;
  text-transform: uppercase;
  font-weight: 500;
  padding: 12px 20px;
  border-radius: 3px;
  text-decoration: none;
  letter-spacing: 0.5px;
}

section.map {
  margin-bottom: 150px;
}

section.map #map {
  height: 450px;
}

/* author page */

.tekstAutor{
  color:gray;
}
.autor{
  margin:7rem 0 7rem 0;
}
.naslovAutor{
  text-align:center;
}
.autor img{
  float:right;
}
/*futer*/
footer{
  background-color:#142236;
}
.futer{
  display:flex;
  justify-content: space-between;
  padding-top:20px;
```

```
  color:#fff;
  font-weight:bold;
}


.dok a{
  text-decoration:none;
  color:#fff;
  font-size:25px;
}
.dok a:hover{
  color:#c2c2c2;
  text-decoration:none;
}
.social a i{
  font-size:20px;
}

/*store page*/
#sortiranje{
width:220px;
 padding:10px;
 border:1px solid rgba (216, 216, 216, 0.5);
 font-size:20px;
 text-align:center;
 margin-bottom:20px;
 outline:none;
}
.centriranje{
  text-align:center;
}
.vidljiv{
  display:block;
}
.nevidljiv{
  display:none;
}
.prikazFiltera{
 font-size:160%;
}
.okvir{
 border:1px solid rgba(20, 34, 54,0.6);

}
.responsFilter{
```

```
display:flex;
justify-content:space-between;
align-items:center;
}

#products{
 display:flex;
justify-content:space-around;
}

.addToCart{
width: 100%;
text-align: center;
padding: 10px;
background-color: #142236;

color: #fff;
outline: 0px;
border: none;
padding:10px 20px 10px 20px;
border-radius:10px;
}
/* cart page */
.cartDiv{
  margin:250px 0px 250px 0px;
}
.emptyCart a{
  text-decoration: none;
  color:#142236;
}
.emptyCart a:hover{
  text-decoration: none;
  color:#142236;
}
#orderTable img{
  width:250px;
  margin:20px 0px 20px 0px;
}
.tableAlign{

  margin:0px auto;
}

.profile{
  display:block;
```

```
  margin-left:50px;
}
/* regex */

.notValid{
  color:#b90f0f;
  display:none;
}
#forma{
  color: #006622;
  font-weight:bold;
  display:none;
}

/* sidebar */

p {
    font-size: 1.1em;
    font-weight: 300;
    line-height: 1.7em;
}

a,
a:hover,
a:focus {
    color: inherit;
    text-decoration: none;
    transition: all 0.3s;
}

.navbar {
    padding: 15px 10px;
    background: #fff;
    border: none;
    border-radius: 0;
    margin-bottom: 40px;
    box-shadow: 1px 1px 3px rgba(0, 0, 0, 0.1);
}

.navbar-btn {
    box-shadow: none;
    outline: none !important;
    border: none;
}
```

```css
.line {
    width: 100%;
    height: 1px;
    border-bottom: 1px dashed #ddd;
    margin: 40px 0;
}
.wrapper {
    display: flex;
    width: 100%;
    align-items: stretch;
}

#sidebar {
    min-width: 250px;
    max-width: 250px;
    color: #fff;
    transition: all 0.3s;
}

#sidebar.active {
    margin-left: -250px;
}

#sidebar .sidebar-header {
    padding: 20px;
    background: #6d7fcc;
}

#sidebar ul.components {
    padding: 20px 0;
    border-bottom: 1px solid #47748b;
}

#sidebar ul p {
    color: #fff;
    padding: 10px;
}

#sidebar ul li a {
    padding: 10px;
    font-size: 1.1em;
    display: block;
}

#sidebar ul li a:hover {
```

```
    color: #040713;
    background: rgb(214, 214, 214);
}

#sidebar ul li.active>a,
a[aria-expanded="true"] {
    color: #fff;
}

a[data-toggle="collapse"] {
    position: relative;
}

.dropdown-toggle::after {
    display: block;
    position: absolute;
    top: 50%;
    right: 20px;
    transform: translateY(-50%);
}

ul ul a {
    font-size: 0.9em !important;
    padding-left: 30px !important;
}

ul.CTAs {
    padding: 20px;
}

ul.CTAs a {
    text-align: center;
    font-size: 0.9em !important;
    display: block;
    border-radius: 5px;
    margin-bottom: 5px;
}

a.download {
    background: #fff;
    color: #7386D5;
}

a.article,
a.article:hover {
```

```
    background: #6d7fcc !important;
    color: #fff !important;
}
#content {
    width: 100%;
    padding: 20px;
    min-height: 100vh;
    transition: all 0.3s;
}

@media (max-width: 768px) {
    #sidebar {
        margin-left: -250px;
    }
    #sidebar.active {
        margin-left: 0;
    }
    #sidebarCollapse span {
        display: none;
    }
}

.sidebarLista  li a:hover{
  text-decoration:none;
  color: #000;
}


/* PHP */

#obavestenje{
  display:none;
}
#register table{
  margin:0px auto;
}
#register table td{
  padding:10px;
}
#register{
  margin-bottom: 200px;
  margin-top:100px;
}
#login table td{
  padding:10px;
```

```
}
#login{
  margin-bottom:200px;
  margin-top:200px;
}
#textModal {
  color: black;
  font-size: 30px;
  margin-top: 5%;
 }
#ok {
  position: absolute;
  display: block;
  bottom:5%;
  left: 83%;
  width: 10%;
  padding: 1%;
  border:1px solid #000;
}

#popup {
  display: none;
  position: fixed;
  z-index: 1;
  left: 30%;
  top: 25%;
  width: 40%;
  height: 150px;
  background-color: #ffff;
  border: 1px solid #000;
  text-align: center;
 }

.pg{
  color:#000;
  font-size:20px;
  padding:10px;
}
.page a:hover{
  text-decoration:none;
  color:#142236;
}
.seeMore{
  width: 100%;
  text-align: center;
```

```
  padding: 10px;
  background-color: #142236;
  color: #fff;
  outline: 0px;
  border: none;
  padding:10px 20px 10px 20px;
  border-radius:10px;
}
.seeMore:hover{
  text-decoration:none;
  color:#c2c2c2;
}

.levo img{
  width:50%;
}
.productone{
 margin-top:200px;
 margin-bottom:200px;
}
.disabled{
  background-color:#c2c2c2;
  color:#000;
}
/* ADMIN PANEL */


.donebtn{
  border:2px solid #142236;
  background-color: #fff;
  padding:3px;
  margin-bottom:50px;
  border-radius:3px;
}
.updateforma{
  display:none;
}
.crveno {
 border: 2px solid red;
}
.poruke{
  margin:200px 0px;
}
/* Media query*/
@media screen and (max-width:1199px){
```

```
.tekstnaslov{
  text-align:center;
}
.tekst{
  text-align:center;
}
.picpatike{
  text-align:center;
}

.productone{
  text-align:center;
}
.kupi{
  margin:0px auto;
}
.kupi button{
  padding:10px;
}
}
.delmess{
  text-decoration:none;
  color:#ff0101;
}
.delmess:hover{
  text-decoration:none;
  color:#aa0f0f;
}


@media screen and (max-width:776px){
  .profile img{

    margin-right:100px;
  }

}

@media screen and (max-width:997px){
  .hamb{
    display:block;
    margin-left:35px;
  }
  .hamb i{
```

```
    float:right;
    margin-top:15px;
  }
  #navigacija{
    display:none;
  }
  .meniResp{
    display:block !important;
    padding-bottom:10px;
    float:right;
  }

}
```

3.3 JS

main.js

```
$(document).ready(function(){

let lokacija = location.href;

mobileNav();
$("#klizac").change(sortirajCenu);
$("#sortiranje").change(sortiranje);
$(".sortirajPoPolu").click(sortiranjePol);
$(".brend").change(brend);

// registracija
if(lokacija.indexOf("index.php?page=registration") != -1){
    document.getElementById("submitRegister").addEventListener("click", proveraRe
gistracije);
    document.getElementById("ok").addEventListener("click", function(){
        document.getElementById("popup").style.display = "none";
        window.location.replace("index.php");
    });

}
```

```
//contact
if(lokacija.indexOf("index.php?page=contact") != -1){
    $("#form-submit").click(proveriFormu);
}

//proizvod
if(lokacija.indexOf("index.php?page=store&idProizvoda") != -1) {
    $(".addToCart").click(addToCart);
    $('.btnza').click(function(){
        $('.updateforma').show();
    });
     $(".donebtn").click(proveraUpdate);
}

//admin panel
if(lokacija.indexOf("index.php?page=admin") != -1){
    $('.donebtn').click(proveraInsert);
}

//cart
if(lokacija.indexOf("index.php?page=cart") != -1) {
    let products = anyInCart();
    check(products);
}

// login
if(lokacija.indexOf("index.php?page=login") != -1){
    document.getElementById("submit").addEventListener("click", proveraLogina);
    document.getElementById("ok").addEventListener("click", function(){
        document.getElementById("popup").style.display = "none";
        window.location.replace("index.php");
    });
}

});

// responsive navigacija, strelica i skrol
function mobileNav(){
    $(".meniResp li").hide();
    $('.hamb').click(function(){
     $(".meniResp li").stop().slideToggle('slow');
    });
}

// provera registracije i login-a
```

```
function proveraRegistracije(){
    var ime, prezime, sifra, email, potvrdiSifru;
    var ispravno = true;

    ime = document.getElementById("firstName").value;
    prezime = document.getElementById("lastName").value;
    sifra = document.getElementById("regPass").value;
    potvrdiSifru = document.getElementById("confPass").value;
    email = document.getElementById("regEmail").value;
    var reIme, rePrezime, reEmail, reSifra;

    reIme = /^[A-Z][a-z]{1,13}$/;
    rePrezime = /^([A-Z][a-z]{1,30}\s?)+$/;
    reEmail = /^([a-zA-Z0-9_\-\.]+)@([a-zA-Z0-9_\-\.]+)\.([a-zA-Z]{2,5})$/;
    reSifra = /^.{4,50}$/;

    if(ime == ""){
        document.getElementById("imeGreska").innerHTML = "First name is required!
";
        ispravno = false;
    }
    else if(!reIme.test(ime)){
        document.getElementById("imeGreska").innerHTML = "First name not entered
correctly!";
        document.getElementById("obavestenje").style.display = "block";
        ispravno = false;
    }
    else {
        document.getElementById("imeGreska").innerHTML = "";
    }
    if(prezime == ""){
        document.getElementById("prezimeGreska").innerHTML = "Last name is requir
ed!";
        ispravno = false;
    }
    else if(!rePrezime.test(prezime)){
        document.getElementById("obavestenje").style.display = "block";
        document.getElementById("prezimeGreska").innerHTML = "Last name not enter
ed correctly!";
        ispravno = false;
    }
    else {
        document.getElementById("prezimeGreska").innerHTML = "";
    }
    if(email == ""){
```

```
        document.getElementById("emailGreska").innerHTML = "Email is required!";
        ispravno = false;
    }
    else if(!reEmail.test(email)){
        document.getElementById("emailGreska").innerHTML = "Email not entered cor
rectly";
        ispravno = false;
    }
    else {
        document.getElementById("emailGreska").innerHTML = "";
    }
    if(sifra == ""){
        document.getElementById("sifraGreska").innerHTML = "Password is required!
";
        ispravno = false;
    }
    else if(!reSifra.test(sifra)){
        document.getElementById("sifraGreska").innerHTML = "Password must have at
least 4 characters!";
        ispravno = false;
    }
    else {
        document.getElementById("sifraGreska").innerHTML = "";
    }
    if(potvrdiSifru == ""){
        document.getElementById("sifraPotvrdiGreska").innerHTML = "Password confi
rmation is required!";
        ispravno = false;
    }
    else if(potvrdiSifru != sifra){
        document.getElementById("sifraPotvrdiGreska").innerHTML = "Password is no
t the same!";
        ispravno = false;
    }
    else {
        document.getElementById("sifraPotvrdiGreska").innerHTML = "";
    }
    if(ispravno){
        $.ajax({
        url: "models/registration/registration.php",
        method: "POST",
        data: {
            ime : ime,
            prezime : prezime,
            email : email,
```

```
            sifra: sifra,
            potvrdiSifru: potvrdiSifru
        },
        success: function(data){
            document.getElementById("textModal").innerHTML = data;
             document.getElementById("popup").style.display = "block";
            document.getElementById("obavestenje").style.display = "none";

        },
        error: function(xhr){
            if(xhr.status == 400) {
            console.log(xhr.responseJSON);
            document.getElementById("emailGreska").innerHTML = xhr.responseJSON;
        }
        }
    });
    }
}

function proveraLogina(){
    var ispravno = true;
    var email = document.getElementById("regEmail").value;
    var sifra = document.getElementById("regPass").value;
    var reEmail = /^([a-zA-Z0-9_\-\.]+)@([a-zA-Z0-9_\-\.]+)\.([a-zA-Z]{2,5})$/;

    if(email == ""){
        document.getElementById("emailGreska").innerHTML = "Email is required!";
        ispravno = false;
    }
    else if(!reEmail.test(email)){
        document.getElementById("emailGreska").innerHTML = "Email not entered cor
rectly";
        ispravno = false;
        }
    else {
        document.getElementById("emailGreska").innerHTML = "";
    }
    if(sifra == ""){
        document.getElementById("sifraGreska").innerHTML = "Password is required!
";
        ispravno = false;
    }
    else {
        document.getElementById("sifraGreska").innerHTML = "";
    }
```

```
    if(ispravno){
        $.ajax({
        url: "models/login/login.php",
        method: "POST",
        data: {
        email : email,
        sifra : sifra
        },
        success: function(data){
            document.getElementById("textModal").innerHTML = "You are logged in!"
;
            document.getElementById("popup").style.display = "block";
            document.getElementById("poruka").style.display= "none";
        },
        error: function(xhr){
            if(xhr.status == 400) {
            console.log(xhr.responseJSON);
            document.getElementById("poruka").innerHTML = xhr.responseJSON;
            }
        }
    });
    }
}

//cena  klizac
function sortirajCenu(){
    let cena = $("#klizac").val()
    $("#vrednost").html(cena+".00 $");
    $('.page').hide();

    $.ajax({
        url: "models/products/priceRange.php",
        method:"post",
        data:{
            cena: cena
        },
        success: function(result){
            prikazProizvoda(result);
        },
        error: function(xhr){
            console.log(xhr);
        }
    });
}
```

```
//cena high to low i low to high i po nazivu
function sortiranje(){
    let val = $("#sortiranje").val();
    $('.page').hide();

    $.ajax({
        url: "models/products/sort.php",
        method:"post",
        data:{
            val: val
        },
        success: function(result){
            prikazProizvoda(result);
        },
        error: function(xhr){
            console.log(xhr);
        }
    });
}

// filtriraj po polu
function sortiranjePol(){
    let val = $(this).val();

    $.ajax({
        url: "models/products/filterGender.php",
        method:"post",
        data:{
            val: val
        },
        success: function(result){
            prikazProizvoda(result);
        },
        error: function(xhr){
            console.log(xhr);
        }
    });
}



// prikazivanje proizvoda
function prikazProizvoda(result){
    let html = "";
```

```
    if(result.length == 0){
        html = "<p>No such products.</p>";
    }

    for(var i=0; i < result.length; i++){
        html+=`<div class="col-5 col-md-3 mb-3 pt-2 product">
        <img src="assets/img/thumbnails/${result[i].thumbSlika}" alt="${result[i]
.naziv}" class="img-fluid frontpic">
        <p class="border-bottom pb-3">${result[i].naziv}</p>
        <div class="pt-2 pb-3 ">
            <span class="red">$${result[i].cena}</span><br>
            <span><del>$${result[i].staracena} </del></span> <br>
            <div class="cart text-center">
                <a class="seeMore" href="index.php?page=store&idProizvoda=${resul
t[i].id}" data-id="${result[i].id}">See More</a>
            </div>
        </div>
    </div>`
    }

    $("#products").html(html);
}

//brend
function brend(){
    let val = $(this).val();
    $('.page').hide();


    $.ajax({
        url: "models/products/filterBrand.php",
        method:"post",
        data:{
            id: val
        },
        success: function(result){
            prikazProizvoda(result);
        },
        error: function(xhr){
            console.log(xhr);
        }
    });
}
```

```
// cart funckionalnost
function addToCart(){

    var id = $(this).data('id');
    var products = anyInCart();

    if(!products){
        let products = [];
        products[0]={
           id:id,
           quantity:1
    };
    alert("Your item has been added to the cart!");
    setItemToLS("products",products);
    }

    else{
        if(!inLocalStorage(products, id)) {
            addToLocalStorage(id);
            alert("Your item has been added to the cart!");
        }
        else{
            alert("Already in cart!");
        }
    }
}

//funk proverava da li je prazan localstorage za proizvode
function anyInCart(){
    return JSON.parse(localStorage.getItem("products"));
}

//provera da li se proizvod vec nalazi u localstorage-u
function inLocalStorage(products, id) {
    return products.find(p => p.id == id);
}

//dodavanje proizvoda u localstorage
function addToLocalStorage(id) {
    let products = anyInCart();
    products.push({
    id : id,
    quantity : 1
    });
    setItemToLS("products",products);
```

```
}

//funkcija za postavljanje localstorage-a
function setItemToLS(key,value){
    localStorage.setItem(key,JSON.stringify(value));
}

//funkcija za dohvatanje localstorage-a
function getItemFromLS(value){
    return JSON.parse(localStorage.getItem(value));
}


function ispisiKorpu(){
    let products = getItemFromLS("products");
    $.ajax({
        url: "models/products/allProductsCart.php",
        method: "GET",
        success: function(data){
            data = data.filter(el => {
                for(let product of products)
                {
                    if(el.id == product.id) {
                        return true;
                    }
                }
            });

            ispisiProizvodeUKorpu(data);
            $(".plus").click(povecajKolicinu);
            $(".minus").click(smanjiKolicinu);

        },
        error: function(xhr, err, status){
        console.log(status);
        }
    })
}

function ispisiProizvodeUKorpu(data){

        let ispis = "";
        ispis= `
        <div id="orderTable">
            <table class="tableAlign">
```

```
                <thead>
                <tr>
                <td>Product Name</td>
                <td>Image</td>
                <td>Price</td>
                <td>Quantity</td>
                <td>Available </td>
                <td>Sum</td>
                <td>Remove</td>

                </tr>
                </thead>`;

        for(let obj of data){

            ispis+=`<tbody>
            <tr>
            <td><h5>${obj.naziv}</h5></td>
            <td>
                <img src="assets/img/${obj.glavnaSlika}" alt="${obj.naziv}" class
="img-fluid">
            </td>
            <td class="price">$${obj.cena}</td>
            <td class="quantity">
                <div class="d-flex flex- justify-contentbetween ml-2 mr-2">
                <a href="#" class="plus"><i class="fa fa-plus mr1 pt-1 pl-
3" aria-hidden="true"></i></a>
                <input type="text" class="kolicinaUzeto w-75 text-center mx-
auto" name="kol" value="1" disabled />
                <a href="#" class="minus"><i class="fa fa-minus ml-1 pt-1 pr-
3" aria-hidden="true"></i></a>
                </div>
            </td>
            <td>
                <p class="mt-3 kolicina">${obj.kolicina}</p>
            </td>
            <td>
                <span>$</span>
                <input type="text" class="ukupnaCena w-50 text-
center" name="ukupnaCena" value="${obj.cena}" disabled data-
cena="${obj.cena}" data-id="${obj.id}""/>
            </td>
            <td>
                <button onclick ="removeItem(${obj.id})" class="btn btn-outline-
danger btnRemove">Remove</button>
```

```
            </td>
        </tr>
        </tbody>`;
        }
        ispis+=` </table>
                        </div>
                    <div class="container">
                            <div class="row d-flex justify-content-
end" id="controls">
                                    <button id="purchase" onclick ="buy()" class=
"btn btn-info m-2">Purchase</button>
                                    <button id="removeAll" onclick="removeAll()"
class="btn btn-danger m-2">Remove All</button>
                            </div>
                        </div>`;

        $(".cartDiv").html(ispis);
}

function showEmptyCart() {
    $(".cartDiv").html("<div class='mx-auto d-flex w-75'><img class=' w-50 mx-
auto' src='assets/img/emptycart.png' alt='Your cart is empty'></div><h1 class='py
-3'>Your cart is empty</h1>")
}

//provera za korpu, ukoliko je prazna ispisuje poruku, ukoliko nije pravi se tabe
la proizvoda
function check(productsInCart){
    if(productsInCart){
        if(productsInCart.length){
            ispisiKorpu();
        }
        else
            showEmptyCart();
    }
    else
        showEmptyCart();
}

//isprazniti korpu
function removeAll(){
    localStorage.removeItem("products");
    showEmptyCart();
}
```

```
// izbrisati odredjeni proizvod iz korpe
function removeItem(id){
        let products = anyInCart();

        products = products.filter(x => x.id != id);
       setItemToLS("products",products);
        check(products);
}

// prilikom kupovine se prazni korpa i izbacuje poruka o uspesnoj kupovini proizv
oda
function buy(){




    var products = getItemFromLS("products");

    var kolicina = $(".kolicinaUzeto");
    var kolicinaNiz = [];

    for(var i=0; i < kolicina.length; i++){
        var vrednost = parseInt(kolicina[i].value);
        kolicinaNiz.push(vrednost);
    }


    var cena = $(".ukupnaCena");
    var cenaNiz = [];

    for(var i=0; i < cena.length; i++){
        var vrednost = parseInt(cena[i].value);
        cenaNiz.push(vrednost);
    }

    $.ajax({
        url: "models/cart/insertOrder.php",
        method: "POST",
        data: {
            "products" : products,
            "kolicinaNiz": kolicinaNiz,
            "cenaNiz": cenaNiz
        },
        success: function(data){
```

```
                alert("Your order has been placed.");
                localStorage.removeItem("products");
                showEmptyCart();
            },
        error: function(xhr, err, status){
            if(xhr.status == 400){
            console.log(xhr.responseJSON);
            }
        }
        });


}

//prazna korpa
function showEmptyCart() {
    $(".cartDiv").html("<div class='mx-auto d-flex w-75'><img class=' w-50 mx-
auto' src='assets/img/emptycart.png' alt='Your cart is empty'></div><h1 class='py
-3'>Your cart is empty</h1>")
}

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

    var cartProducts = getItemFromLS("products");

    var productId =($(this).parent().parent().next().next().find(".ukupnaCena").d
ata("id"));

    var vrednost  = $(this).next().val();
    vrednost++;

    $(this).next().attr("value",vrednost);

    var cenaProizvoda = Number($(this).parent().parent().next().next().find(".uku
pnaCena").val());
    var pocetnaCena =Number($(this).parent().parent().next().next().find(".ukupna
Cena").data("cena"));


    var cena;

    if(vrednost == 0)
        cena = 0;
    else{
```

```
        var cena = cenaProizvoda + pocetnaCena;
    }

    if(cena == 0){
        cena = pocetnaCena;
    }

    var kolicina  = $(this).parent().parent().next().find('.kolicina').text();

    if(kolicina < vrednost){
        alert("Not enough in stock!");
        $("#purchase").attr('disabled','disabled');
    }
    $(this).parent().parent().next().next().find(".ukupnaCena").attr("value",cena
);



    for(let i in cartProducts) {
        if(productId == cartProducts[i].id)
        cartProducts[i].quantity = vrednost;
        break;
    }
    setItemToLS("products",cartProducts);
}

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


    var cartProducts = getItemFromLS("products");
    var productId =($(this).parent().parent().next().next().find(".ukupnaCena").d
ata("id"));

    var vrednost = $(this).prev().val();

    if(vrednost > 1){
     vrednost--;
    }

    $(this).prev().attr("value",vrednost);

    var cenaProizvoda = Number($(this).parent().parent().next().next().find(".uku
pnaCena").val());
    var pocetnaCena =Number($(this).parent().parent().next().next().find(".ukupna
Cena").data("cena"));
```

```
    var cena = cenaProizvoda - pocetnaCena;

    if(cena < 0)
        cena = 0;
    if(vrednost == 1){
        cena = pocetnaCena;
    }

    var kolicina  = $(this).parent().parent().next().find('.kolicina').text();

    if(vrednost <= kolicina){
        $("#purchase").removeAttr('disabled');
    }

    $(this).parent().parent().next().next().find(".ukupnaCena").attr("value",cena
);

    for(let i in cartProducts) {
        if(productId == cartProducts[i].id)
        cartProducts[i].quantity = vrednost;
        break;
    }
    setItemToLS("products",cartProducts);
}

//prover update-a
function proveraUpdate(){
    var ime, cena, brandProizvoda, pol, kolicina, id, glavnaSlika,staracena;
    var ispravno = true;
    var data = new FormData();

    function dohvatanjePolja(glavnoPolje,polje){
         return $(glavnoPolje).parent().parent().parent().find(polje).val();
    };

    ime = dohvatanjePolja(this, ".imeProizvodaUp");
    cena = dohvatanjePolja(this, ".cenaProizvodaUp");
    kolicina = dohvatanjePolja(this, ".kolicinaUp");
    staracena = dohvatanjePolja(this, ".staracenaProizvodaUp");
    brandProizvoda = dohvatanjePolja(this, ".brandProizvoda");
    pol = dohvatanjePolja(this, ".polProizvodaUp");
    id = dohvatanjePolja(this, ".idProizvodaUp");

    var glavnaSlika = document.forms['formaupdate']['glavnaSlika'].files[0];
```

```
function daLiJePrazno(key, klasa){
    if(key == "" || key == "0"){
        ispravno = false;
        $(klasa).addClass("crveno");
    }
    else {
        $(klasa).removeClass("crveno");
    }
}

daLiJePrazno(brandProizvoda, ".brandProizvoda");
daLiJePrazno(pol, ".polProizvodaUp");

var regIme, regCena, regZaj;
regIme = /^[\w\d\s]+$/;
regCena = /^[0-9]+\.?[0-9]*$/;
regZaj = /^[0-9]{1,}$/;

function proveriReg(reg, key, klasa){
    if(!reg.test(key)){
        ispravno = false;
        $(klasa).addClass("crveno");
    }
    else {
        $(klasa).removeClass("crveno");
    }
}

proveriReg(regIme, ime, ".imeProizvodaUp");
proveriReg(regCena, cena, ".cenaProizvodaUp");
proveriReg(regCena, staracena, ".staracenaProizvodaUp");
proveriReg(regZaj, kolicina, ".kolicinaUp");

if(ispravno){
    if(glavnaSlika != undefined){
        data.append("glavnaSlika", glavnaSlika);
    }


    data.append("ime", ime);
    data.append("cena", cena);
    data.append("staracena",staracena);
    data.append("brandProizvoda", brandProizvoda);
    data.append("kolicina", kolicina);
```

```
        data.append("pol", pol);
        data.append("id", id);

        $.ajax({
        url: "models/products/product/updateProduct.php",
        method: "POST",
        data: data,
        processData: false,
        contentType: false,
        success: function(data){
            alert(data);
            location.reload();
            },
        error: function(xhr, err, status){
            if(xhr.status == 400){
            console.log(xhr.responseJSON);
            }
        }
        });
    }
}

//prove inserta
function proveraInsert(){

    var ime, cena, brandProizvoda, pol, kolicina, id, glavnaSlika,staracena;
    var ispravno = true;
    var data = new FormData();
    var glavnaSlika = document.forms['formainsert']['glavnaSlika'].files[0];

    function dohvatanjePolja(glavnoPolje,polje){
         return $(glavnoPolje).parent().parent().parent().find(polje).val();
    };

    ime = dohvatanjePolja(this, ".imeProizvodaUp");
    cena = dohvatanjePolja(this, ".cenaProizvodaUp");
    kolicina = dohvatanjePolja(this, ".kolicinaUp");
    staracena = dohvatanjePolja(this, ".staracenaProizvodaUp");
    brandProizvoda = dohvatanjePolja(this, ".brandProizvoda");
    pol = dohvatanjePolja(this, ".polProizvodaUp");
    id = dohvatanjePolja(this, ".idProizvodaUp");


function proveriSliku(key, id){
    if(key == undefined){
```

```
        document.getElementById(id).classList.add("crveno");
        ispravno = false;
    }
    else {
        document.getElementById(id).classList.remove("crveno");
    }
}


    proveriSliku(glavnaSlika, "glavnaSlika");

    function daLiJePrazno(key, id){
        if(key == "" || key == "0"){
            ispravno = false;
            document.getElementById(id).classList.add("crveno");
        }
        else {
            document.getElementById(id).classList.remove("crveno");
        }
    }

    daLiJePrazno(brandProizvoda, "brandProizvoda");
    daLiJePrazno(pol, "polProizvodaUp");


    var regIme, regCena, regZaj;
    regIme = /^[\w\d\s]+$/;
    regCena = /^[0-9]+\.?[0-9]*$/;
    regZaj = /^[0-9]{1,}$/;

    function proveriReg(reg, key, klasa){
        if(!reg.test(key)){
            ispravno = false;
            $(klasa).addClass("crveno");
        }
        else {
            $(klasa).removeClass("crveno");
        }
    }

    proveriReg(regIme, ime, ".imeProizvodaUp");
    proveriReg(regCena, cena, ".cenaProizvodaUp");
    proveriReg(regCena, staracena, ".staracenaProizvodaUp");
    proveriReg(regZaj, kolicina, ".kolicinaUp");
```

```
    if(ispravno){
        if(glavnaSlika != undefined){
            data.append("glavnaSlika", glavnaSlika);
        }


        data.append("ime", ime);
        data.append("cena", cena);
        data.append("staracena",staracena);
        data.append("brandProizvoda", brandProizvoda);
        data.append("kolicina", kolicina);
        data.append("pol", pol);
        data.append("id", id);
        data.append("glavnaSlika", glavnaSlika);


        $.ajax({
            url: "models/products/product/addProduct.php",
            method: "POST",
            data: data,
            processData: false,
            contentType: false,
            success: function(uspeh){
                alert(uspeh);
                location.reload();
                },
            error: function(xhr, err, status){
                if(xhr.status == 400){
                console.log(xhr.responseJSON);
                }
            }
            });


    }
}

// toggle sidebar
$(document).ready(function () {
    $('#sidebarCollapse').on('click', function () {
        $('#sidebar').toggleClass('active');
    });
});

// slanje poruke
```

```
function proveriFormu(){
    var email = $("#email");
    var firstname = $("#firstname");
    var lastname = $("#lastname");
    var valid = $("#forma");
    var ispravno = true;

    var emailRegex = /^[\w-\.]+@([\w-]+\.)+[\w-]{2,4}$/;
    var nameRegex =  /^[A-ZČĆŽŠĐ][a-zčćžš]{2,15}$/

        //text
        var tekstPolje =$("#message");
        var tekstValid = 0;

        if(tekstPolje.val() == ''){
            tekstPolje.css({
            'border':'1px solid  #e60000'
            });
            tekstPolje.val("");
            tekstPolje.attr('placeholder','You can not send empty message');
            tekstValid = 0;
        }
        else {
            tekstPolje.css({
            'border':'1px solid  #fff'
            });
            tekstValid = 1;
        }

        //email
        if(email.val() == ''){
            email.css({
            'border':'1px solid  #e60000'
            });
            email.val("");
            email.attr('placeholder','Email adress can not be empty');
            ispravno = false;
        }
        else if(!emailRegex.test(email.val())){
            email.css({
            'border':'1px solid  #e60000'
            });
            email.val("");
            email.attr('placeholder','e.g. aleksandar14@gmail.com');
            ispravno = false;
```

```
        }
        else {
            email.css({
            'border':'1px solid  #fff'
            });
        }
        //firstname
        if(firstname.val() == ''){
            firstname.css({
            'border':'1px solid  #e60000'
            });
            firstname.val("");
            firstname.attr('placeholder','First name can not be empty');
            ispravno = false;
        }

        else if(!nameRegex.test(firstname.val())){
            firstname.css({
            'border':'1px solid  #e60000'
            });
            firstname.val("");
            firstname.attr('placeholder','Please provide a valid first name, must
be between 2-12 characters');
            ispravno = false;
        }
        else {
        firstname.css({
            'border':'1px solid  #fff'
            });
        }

        //lastname
        if(lastname.val() == ''){
            lastname.css({
            'border':'1px solid  #e60000'
            });
            lastname.val("");
            lastname.attr('placeholder','Last name can not be empty');
            ispravno = false;
        }

        else if(!nameRegex.test(lastname.val())){
            lastname.css({
            'border':'1px solid  #e60000'
            });
```

```
            lastname.val("");
            lastname.attr('placeholder','Please provide a valid last name, must b
e between 2-12 characters');
            ispravno = false;
        }
        else {
            lastname.css({
            'border':'1px solid  #fff'
            });
        }
    // Ukoliko nema gresaka, ispisuje poruku da je uspesno poslata poruka
        if(ispravno && tekstValid == 1){
            var imevr = firstname.val();
            var prezimevr = lastname.val();
            var emailvr = email.val();
            var porukavr = tekstPolje.val();
            var id =  $("#id").val();

            $.ajax({
            url: "models/form/insertMessage.php",
            method: "post",
            data: {
            FirstName: imevr,
            LastName: prezimevr,
            Email: emailvr,
            Message: porukavr,
            id : id
            },
            success: function(data){
                alert(data);
                location.reload();
            },
            error: function(xhr, status, err){
                if(xhr.status == 400){
                    alert(xhr.responseJSON);
                }
            }
            });

        }
        else{
            valid.hide();
        }
}
```