

# **Visoka škola strukovnih studija za informacione i komunikacione tehnologije**



## **Dokumentacija**

**Student: Stefan Dimitrijevic, 57/16**

**Smer: Internet tehnologije Predmet:**

**Praktikum iz PHP-a**

## Contents

1. Uvod .....	4
1.1. Korišćeni programski jezici.....	4
1.2. Opis funkcionalnosti .....	4
2. Dizajn baze .....	6
3. Slike sajta .....	7
3.1. index.php .....	7
3.2. index.php?page=allbeers .....	8
3.3. index.php?page=allbeers&proizvod=.....	9
3.4. index.php?page=register .....	10
3.5. index.php?page=login .....	11
3.6. admin.php .....	12
3.7. index.php?page=aboutme .....	15
4. Slika strukture projekta .....	16
5. Kodovi .....	17
5.1. index.php .....	17
5.2. admin.php .....	17
5.3. .htaccess .....	18
5.4. views/fixed/footer.php .....	18
5.5. views/fixed/head.php .....	19
5.6. views/fixed/header.php .....	20
5.7. views/.htaccess .....	20
5.8. views/403_404.php .....	20
5.9. views/beers.php .....	21
5.9. views/login.php .....	23
5.10. views/oMeni.php .....	23
5.10. views/pocetna.php .....	24
5.11. views/register.php .....	24
5.12. models/functions.php .....	25
5.13. models/admin/pristupSajtu.php.....	26
5.14. models/autor/functions.php.....	26
5.15. models/autor/podaciOAutoru.php.....	27
5.16. models/korisnici/deleteKorisnika.php.....	27
5.17. models/korisnici/dohvatiKorisnika.php.....	27
5.18. models/korisnici/dohvatiUlogu.php.....	28
5.19. models/korisnici/functions.php.....	28
5.20. models/korisnici/prikazi.php.....	28
5.21. models/korisnici/prikaziKorisnike.php.....	28
5.22. models/korisnici/updateKorisnika.php.....	29

5.23. models/login/login.php .....	29
5.24. models/login/logout.php .....	31
5.25. models/meni/functions.php.....	31
5.26. models/ocene/dohvatiOcenuZaProizvod.php.....	31
5.27. models/ocene/functions.php.....	32
5.28. models/ocene/insertUpdateOcene.php.....	32
5.29. models/ocene/prikazi.php .....	32
5.30. models/proizvodi/deleteProizvoda.php.....	33
5.31. models/proizvodi/dohvatanjePoKriterijumima.php.....	33
5.32. models/proizvodi/dohvatiKategorije.php.....	34
5.33. models/proizvodi/dohvatiProizvod.php.....	34
5.34. models/proizvodi/exportExcel.php.....	35
5.35. models/proizvodi/functions.php.....	36
5.36. models/proizvodi/izmenaProizvoda.php.....	37
5.37. models/proizvodi/prikazi.php.....	38
5.38. models/proizvodi/proizvodiFiltriranje.php.....	39
5.39. models/proizvodi/unosProizvoda.php.....	39
5.40. models/register/functions.php.....	40
5.41. models/register/register.php.....	40
5.42. models/stranicenje/dohvatanjeProizvoda.php.....	42
5.43. models/stranicenje/functions.php.....	42
5.44. data/error.txt .....	42
5.45. data/log.txt .....	43
5.46. config/.env .....	43
5.47. config/config.php .....	43
5.48. config/connection.php .....	44
5.49. assets/css/style.css .....	44
5.50. assets/js/script.js .....	52

# 1. Uvod

## 1.1. Korišćeni programski jezici

Za potrebe ovog sajta korišćeni su: HTML, CSS, Bootstrap, JavaScript, jQuery, Ajax i PHP. Okruženje u kome je rađeno je PHP Storm.

## 1.2. Opis funkcionalnosti

### **Privilegije po ulogama:**

Administratori – jedini imaju pristup admin panelu

Autorizovani korisnici – oceniti proizvod mogu samo registrovani korisnici

Neautorizovani korisnici – mogu da pristupe samo index stranici i stranicama za logovanje i registrovanje. Takođe, mogu da pogledaju proizvode koje žele, ali ne mogu ih oceniti.

### **Sve stranice:**

Na svim stranicama se nalazi navigacioni meni koji se dinamički učitava iz baze podataka i ispisuje. Navigacioni meni se prikazuje drugačije za autorizovanog korisnika, a drugačije za neautorizovanog. Takođe, administratoru se prikazuje drugačiji meni u odnosu na korisnike.

### **admin.php (Admin panel):**

Samo ulogovani administrator ima pristup ovoj stranici. Sadrži update i delete za korisnike, insert, update i delete za proizvode i pregled ocena proizvoda od strane korisnika. Takođe, samim dolaskom na stranicu, procentualno su iz log fajla ispisani pristupi stranicama u poslednja 24 sata.

### **index.php:**

Na index stranici se nalazi meni koji je učitao iz baze i kratka istorija Brenda

### **index.php?page=allbeers&proizvod=**

Na toj stranici se prikazuju svi proizvodi koji su dinamički ispisani iz baze, i prikazuju se 3 proizvoda po stranici (paginacija). Slike proizvoda su dobijene putem PHP koda i ovde se prikazuju manje slike. Takođe se proizvodi mogu pretražiti po unetom stringu u tekstualno polje, filtrirati po kategoriji, kao i sortirati po nazivu i alkoholu. Sve je odrađeno korišćenjem isključivo serverskog filtriranja, sortiranja i paginacije, gde PHP strana vraća JSON.

Klikom na određeni proizvod, preko URL adrese odlazimo do stranice gde su dinamički ispisani detalji za selektovan proizvod. Slika zasebnog proizvoda je takođe dobijena putem PHP koda i ovde se prikazuje veća slika. Ovde autorizovani korisnik može oceniti proizvod (insert), kao i izmeniti svoju ocenu (update), nakon čega se prikazuje prosek ocena za taj proizvod. Ponovnim dolaskom na stranicu za glasani proizvod, zvezdice su obojene u odnosu na ocenu kojom je korisnik ocenio proizvod.

Takođe, ovde se može preuzeti Excel document u kome su ispisani svi proizvodi.

**Napomena:** Radi na localhostu, na InfinityFree Web Hostu ne radi.

### **index.php?page=register:**

Stranica za registraciju sadrži formu, za registraciju korisnika. Provera unetih podataka se vrši kako na klijentskoj, tako i na serverskoj strani. Svakim izlaskom iz polja, korisnik se obaveštava ako je napravio grešku vezanu za popunjavanje tog polja.

**index.php?page=login:**

Nakon registracije, korisnik se loguje sa njegovim korisničkim imenom i lozinkom. Takođe se vrši provera podataka na klijentskoj i serverskoj strani. Svakim izlaskom iz polja, korisnik se obaveštava ako je napravio grešku vezanu za popunjavanje tog polja. Logovanjem, u meniju mu se sklanjaju linkovi za logovanje i registraciju, a pojavljuje mu se link za logout. Neuspešnim logovanjem, tj. u slučaju da je korisnik pogrešio lozinku, šalje mu se mejl da je neko pokušao da pristupi njegovom nalogu sa date IP adrese.

**logout.php:**

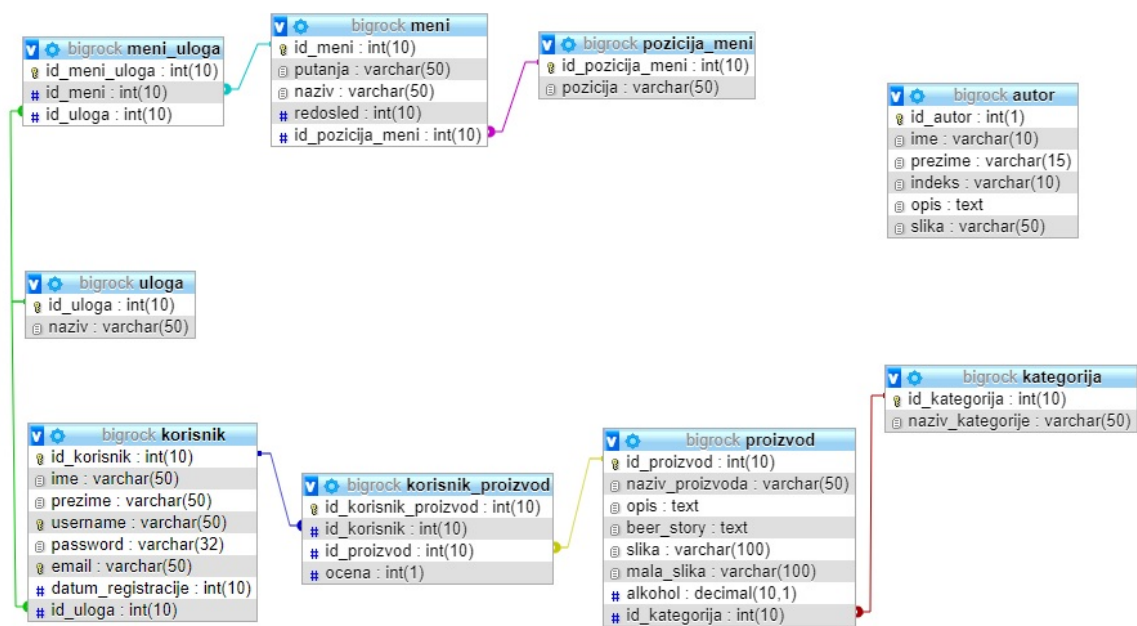
Služi za odjavljivanje korisnika koji je ulogovan.

**index.php?page=aboutme**

Na ovoj stranici je dinamički ispisani fotografija i tekst o autoru sajta, odnosno o meni. Takođe se može preuzeti Word dokument gde se iz baze dohvataju podaci o autoru.

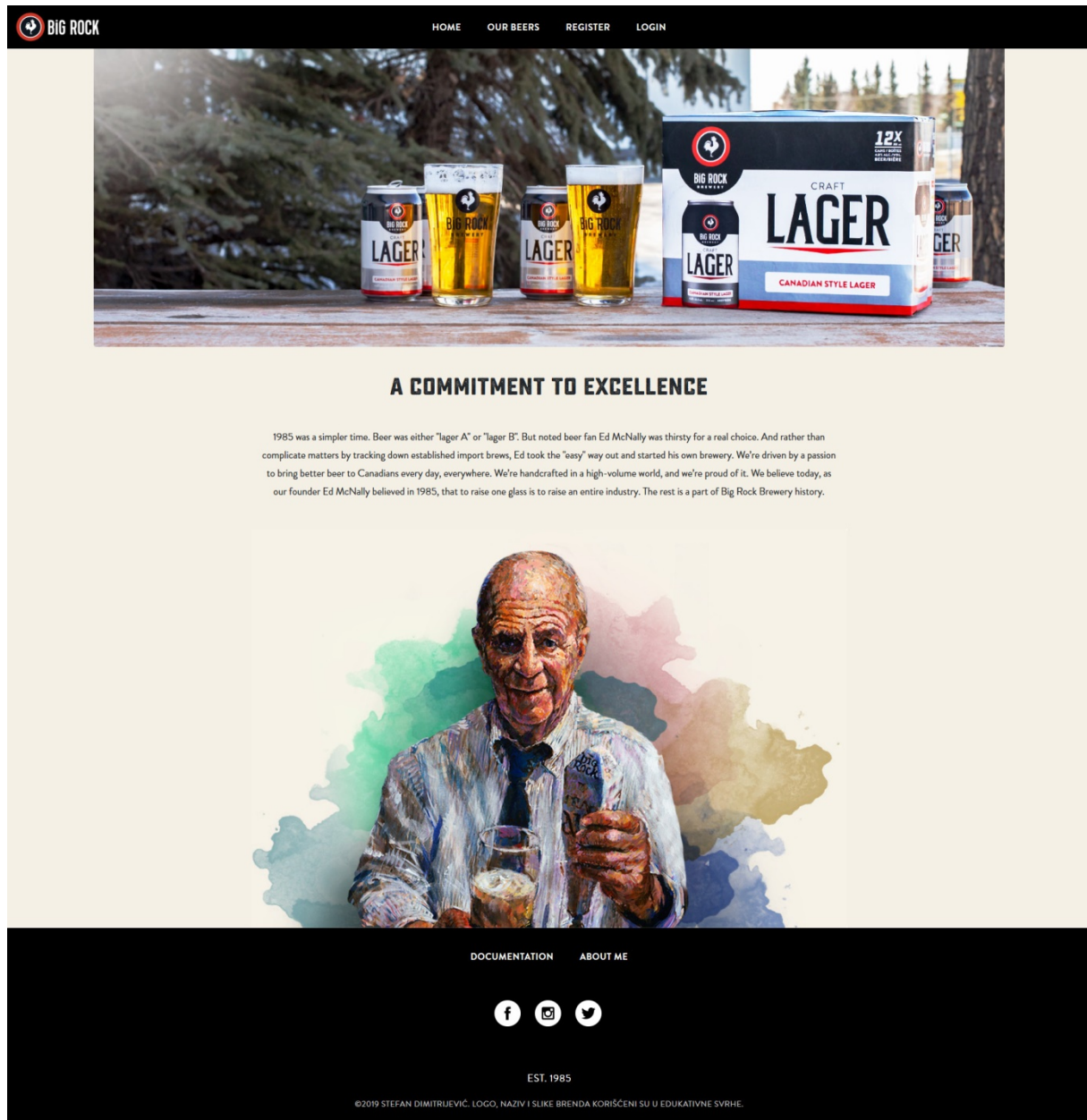
**Napomena:** Radi na localhostu, na InfinityFree Web Hostu ne radi.

## 2. Dizajn baze




## 3. Slike sajta

### 3.1. index.php



## 3.2. index.php?page=allbeers



HOMEOUR BEERSREGISTERLOGIN

Preuzmi podatke o proizvodima u Excel formatu

Search

STYLES

☐ SIGNATURE

☐ SEASONAL

☐ LAMBIC STYLE

☐ CIDER

☐ AGD

SORT


☐ <NAME>

☐ <NAME

☐ <ALCOHOL>

☐ <ALCOHOL


*All beers*



GRASSHOPPER

ALCOHOL: 5.0 %


A light touch of hops gives the brew a crisp finish, balancing its soft sweetness and texture with fruity or citrusy notes.



TRADITIONAL ALE

ALCOHOL: 5.0 %

Toasty malt and sweet caramel up front finishing with a nutty flavour, medium creamy carbonation, and mild hop bitterness.






CRAFT LAGER

ALCOHOL: 4.8 %

If you love great tasting, high quality lagers, you're going to love this beer.

12345678

DOCUMENTATIONABOUT ME



EST. 1985


©2019 STEFAN DIMITRIJEVIĆ. LOGO, NAZIV I SLIKE BRENDIA KORIŠĆENI SU U EDUKATIVNE SVRHE.



### 3.3. index.php?page=allbeers&proizvod=

BIG ROCK

HOMEOUR BEERSLOGOUT



## GRASSHOPPER

A light touch of hops gives the brew a crisp finish, balancing its soft sweetness and texture with fruity or citrusy notes.

**ALCOHOL**  
5.0%

**BEER STORY**  
Fresh from the prairie hoppers, our Grasshopper wheat ale has a crisp finish, balancing its soft sweetness with fruity and bready notes.

2017 Canadian Brewing Awards: Silver, North American Style Wheat Beer

**RATE**

★ ★ ★ ★ ★

AVERAGE RATING: 2.5/5


DOCUMENTATIONABOUT ME




EST. 1985

©2019 STEFAN DIMITRUEVIĆ. LOGO, NAZIV I SLIKE BRENDIA KORIŠĆENI SU U EDUKATIVNE SVRHE.

### 3.4. index.php?page=register



HOMEOUR BEERSREGISTERLOGIN



## BECOME A BIG ROCKER




Get insider scoop on exclusive events,  
new beers and much more

Please, enter a valid first name with minimum 3 letters which first is capital letter.

SUBMIT

Already registered? [Log in here](#)

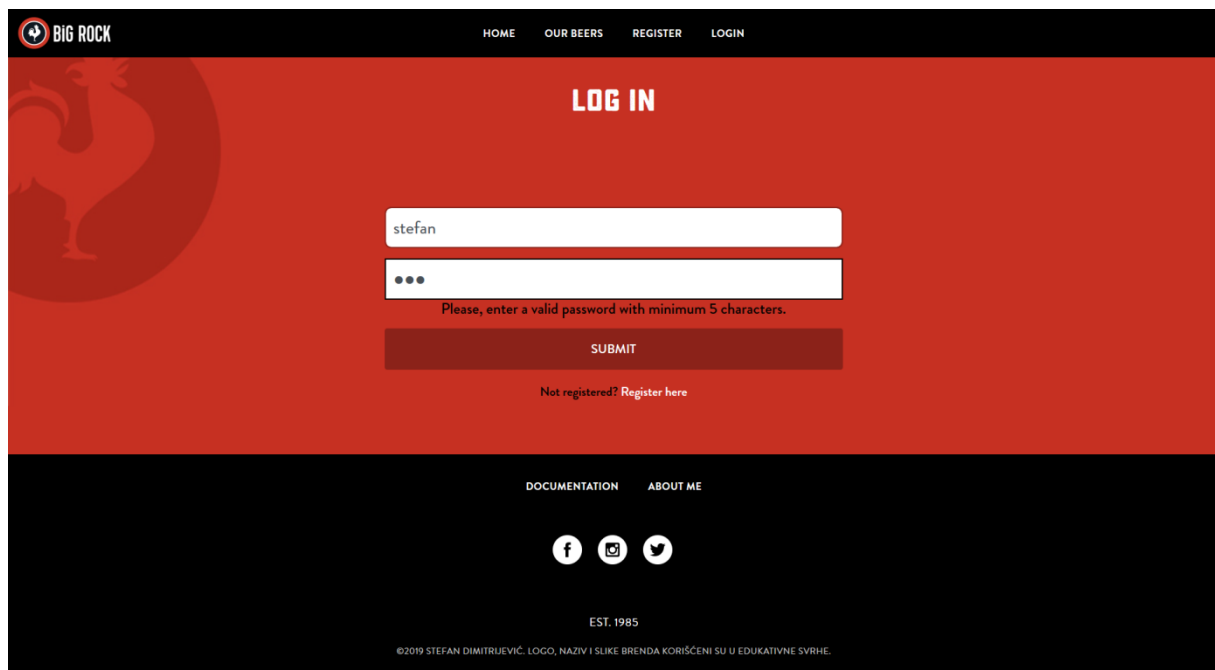
DOCUMENTATIONABOUT ME



EST. 1985

©2019 STEFAN DIMITRIJEVIĆ. LOGO, NAZIV I SLIKE BREND A KORIŠĆENI SU U EDUKATIVNE SVRHE.

### 3.5. index.php?page=login



The screenshot shows a web application with a dark header and footer. The header contains the 'BIG ROCK' logo and navigation links: HOME, OUR BEERS, REGISTER, and LOGIN. The main content area has a red background with a large, faint rooster logo on the left. The 'LOG IN' title is centered at the top of this area. Below the title are two input fields: the first contains the text 'stefan', and the second is a password field with three dots. A message below the password field reads: 'Please, enter a valid password with minimum 5 characters.' Below this message is a 'SUBMIT' button. At the bottom of the login section, there is a link: 'Not registered? Register here'. The footer is dark and contains links for 'DOCUMENTATION' and 'ABOUT ME', three social media icons (Facebook, Instagram, Twitter), the text 'EST. 1985', and a small copyright notice: '©2019 STEFAN DIMITRUEVIĆ. LOGO, NAZIV I SLIKE BRENDIA KORIŠĆENI SU U EDUKATIVNE SVRHE.'

**BIG ROCK**

HOME OUR BEERS REGISTER LOGIN

## LOG IN

stefan

...

Please, enter a valid password with minimum 5 characters.

SUBMIT

Not registered? [Register here](#)

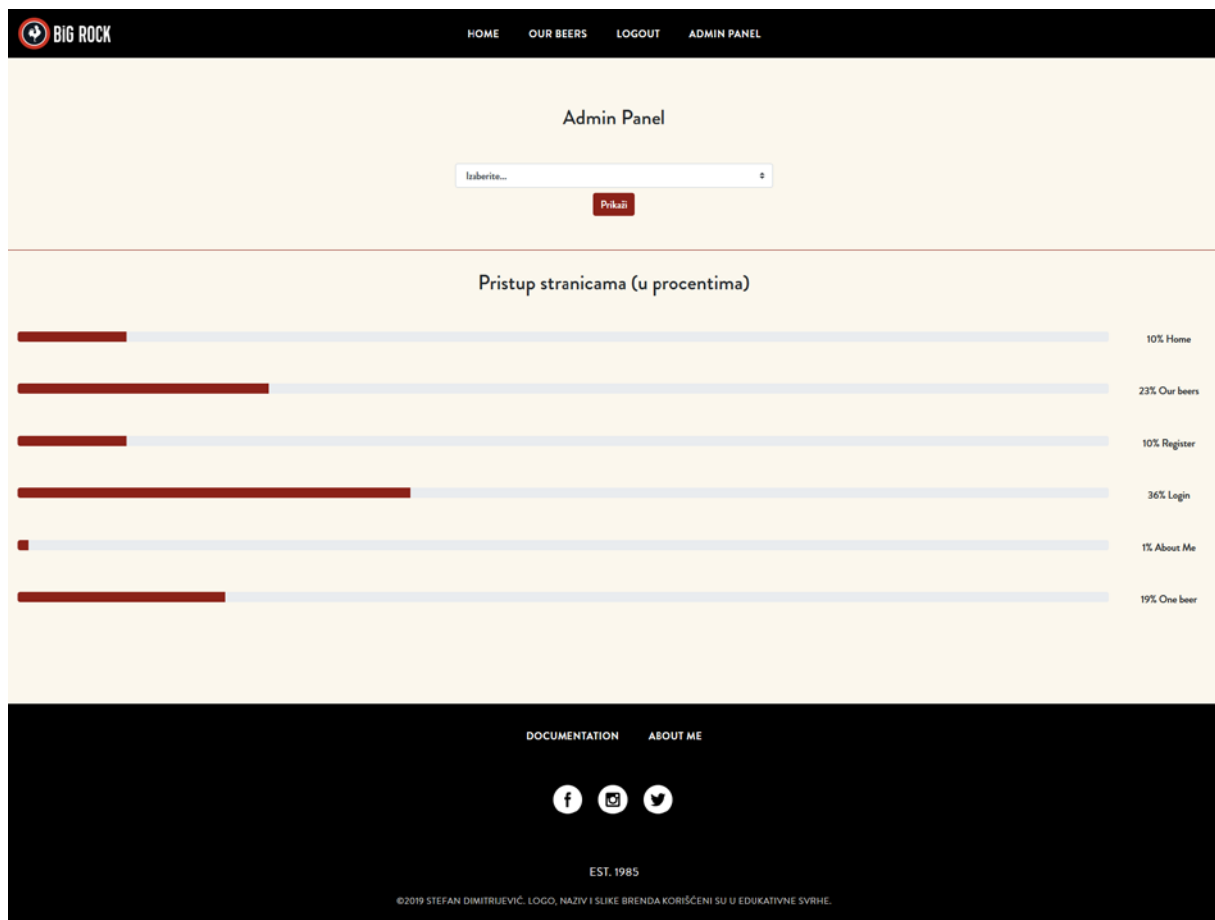
DOCUMENTATION ABOUT ME

f i t

EST. 1985

©2019 STEFAN DIMITRUEVIĆ. LOGO, NAZIV I SLIKE BRENDIA KORIŠĆENI SU U EDUKATIVNE SVRHE.

## 3.6. admin.php



The screenshot shows the Admin Panel interface. At the top, there is a navigation bar with links: HOME, OUR BEERS, LOGOUT, and ADMIN PANEL. The main content area has a title 'Admin Panel' and a search bar with the placeholder text 'Korisnici'. Below the search bar is a red button labeled 'Prikazi'. The main content area also features a table of users. The table has the following columns: #, Ime, Prezime, Username, Password, Email, Datum registracije, Uloga, Imena, and Brisanje. The data is as follows:

#	Ime	Prezime	Username	Password	Email	Datum registracije	Uloga	Imena	Brisanje
1	Stefan	Dimitrijević	stefangmbg	0192023a7bbd73250516f069a8f18b500	stefangmbg@gmail.com	Tue, 09 Jul 2019 14:58:39 GMT	Administrator	Izmeni	Obrisi
2	Pera	Peric	pera1234	121d8b8c34bbd9e223bf474c86e990c	pera@gmail.com	Tue, 09 Jul 2019 17:21:10 GMT	Autorizovan	Izmeni	Obrisi

At the bottom of the page, there is a footer with links: DOCUMENTATION and ABOUT ME. Below these links are social media icons for Facebook, Instagram, and Twitter. The footer also includes the text 'EST. 1985' and a copyright notice: '©2019 STEFAN DIMITRIJEVIĆ. LOGO, NAZIV I SLIKE BRENDIA KORIŠĆENI SU U EDUKATIVNE SVRHE.'

DOCUMENTATION ABOUT ME

I C M




EST. 1965

KUVERTEKÄN TÄHTIKÄVÄ, LÖYLÄNÄKIVÄEN KIRKKOKORTTI JA KUUKAUSI KÄSIKIRJA

## Admin Panel

Ocena piva

Prikaži

#	Ime i prezime	Username	Proizvod	Slika	Ocena
1	Stefan Dimitrijević	stefanmbg	Grasshopper		4
2	Pera Peric	peral234	Grasshopper		1
3	Pera Peric	peral234	Craft Lager		5

DOCUMENTATION


ABOUT ME




EST. 1985

©2019 STEFAN DIMITRIJEVIĆ. LOGO, NAZIV I SLIKE BRENDIA KORIŠĆENI SU U EDUKATIVNE SVRHE.

### 3.7. index.php?page=aboutme




[HOME](#) [OUR BEERS](#) [LOGOUT](#) [ADMIN PANEL](#)



Zdravo! Ja sam Stefan Dimitrijević. Imam 28 godina i završna sam godina na ICT-u na smeru "Internet tehnologije". Sviram gitaru u alternativnom rok bendu "Strah od Džeki Čena" i profesionalno se bavim bilijarom. Ovom prilikom napravio sam sajt o proizvodima marke "Big Rock" za predmet "Praktikum iz PHP-a".

[Preuzmi podatke o autoru](#)

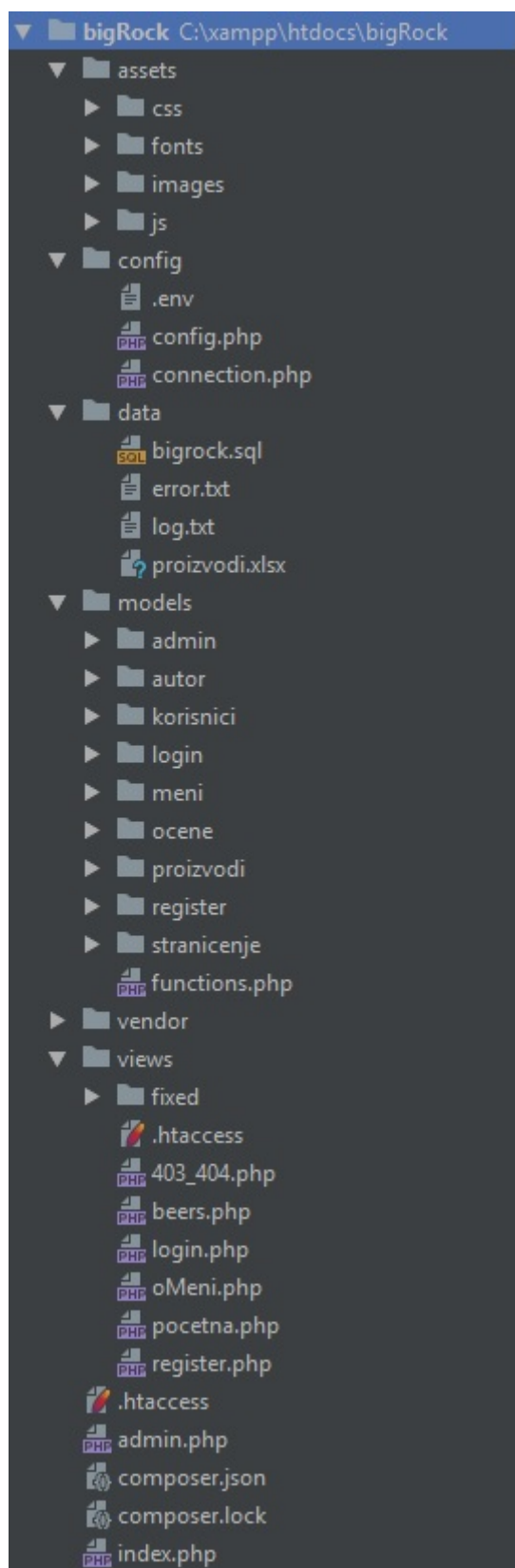
[DOCUMENTATION](#) [ABOUT ME](#)



EST. 1985

©2019 STEFAN DIMITRIJEVIĆ. LOGO, NAZIV I SLIKE BREND A KORIŠĆENI SU U EDUKATIVNE SVRHE.

## 4. Slika strukture projekta





## 5. Kodovi

### 5.1. index.php

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

include "views/fixed/head.php";
include "views/fixed/header.php";

if(isset($_GET["page"])){
    $page=$_GET["page"];

    switch($page){
        case "home":
            include "views/pocetna.php";
            break;
        case "allbeers":
            include "views/beers.php";
            break;
        case "register":
            include "views/register.php";
            break;
        case "login":
            include "views/login.php";
            break;
        case "aboutme":
            include "views/oMeni.php";
            break;
        case "403_404":
            include "views/403_404.php";
            break;
        case "404_404":
            include "views/403_404.php";
            break;
        default:
            include "views/pocetna.php";
            break;
    }
}
else{
    include "views/pocetna.php";
}

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

### 5.2. admin.php

```
<?php
session_start();
include "config/connection.php";
include "views/fixed/head.php";
include "views/fixed/header.php";
if(isset($_SESSION['korisnik']) && $_SESSION['korisnik']->id_uloga==1) { ?>
<div class="container-fluid admin">
    <h2>Admin Panel</h2>
    <form class="adminForm">
        <select class="custom-select my-1 mr-sm-2 ddList">
            <option selected>Izaberite...</option>
            <option value="korisnici">Korisnici</option>
            <option value="proizvodi">Proizvodi</option>
            <option value="ocene">Ocene piva</option>
        </select>
    </form>
</div>
```

```

        </select>

        <input type="button" class="btn my-1 dugmeAdmin" value="Prikaži"/>
    </form>
    <div class="ispis">
        <h2>Pristup stranicama (u procentima)</h2>
        <?php
            include "models/admin/pristupSajtu.php";
        ?>
    </div><br/><br/><br/><br/><br/><br/>
    <div class="ispis2">

    </div>
    </div>
    <?php }
    else{
        include "views/403_404.php";
    }
    include "views/fixed/footer.php"; ?>

```

### 5.3. .htaccess

```

ErrorDocument 403 http://bigrock.epizy.com/index.php?page=403_404
ErrorDocument 404 http://bigrock.epizy.com/index.php?page=403_404

```

### 5.4. views/fixed/footer.php

```

<nav class="navbar navbar-expand-sm navbar-light bg-light" id="futerMeni">
    <button class="navbar-toggler" data-toggle="collapse" data-
target="#navbarMenu">
        <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarMenu">
        <ul class="navbar-nav">
            <?php
                require_once "models/functions.php";

                if(isset($_SESSION['korisnik'])){
                    $podaci=dohvatiMeni(2, $_SESSION['korisnik']->id_uloga);
                }
                else{
                    $podaci=dohvatiMeni(2, 3);
                }

                foreach ($podaci as $podatak): ?>
                    <li class="nav-item"><a href="<?= $podatak->putanja ?>"
class="nav-link"><?= $podatak->naziv ?></a></li>
                    <?php endforeach; ?>
                </ul>
            </div>
        </nav>

        <nav class="navbar navbar-expand-sm navbar-light bg-light" id="futerMeni">
            <button class="navbar-toggler" data-toggle="collapse" data-
target="#navbarMenu">
                <span class="navbar-toggler-icon"></span>
            </button>
            <div class="collapse navbar-collapse" id="navbarMenu">
                <ul class="navbar-nav">
                    <li class="social"><a href="https://www.facebook.com/BigRockBrewery"
target="_blank" data-event="social" data-track-link="facebook"></a> </li>
                    <li class="social"><a href="https://www.instagram.com/bigrockbrewery/"
target="_blank" data-event="social" data-track-link="facebook"></a> </li>
    <li class="social"><a href="https://twitter.com/bigrockbrewery"
target="_blank" data-event="social" data-track-link="facebook"></a> </li>
</ul>
</div>
</nav>
<div class="copyrightDiv">
<p class="est">EST. 1985</p><br/><br/>
<p class="copyright">&copy;2019 Stefan Dimitrijević. Logo, naziv i slike brenda
korišćeni su u edukativne svrhe.</p>
</div>

</div>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.0/jquery.min.js"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"
integrity="sha384-UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1"
crossorigin="anonymous"></script>
<script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"
integrity="sha384-JjSmVgyd0p3pXB1rRibZUAYoIIy6OrQ6VrjIEaFf/njGzIxFDsf4x0xIM+B07jRM"
crossorigin="anonymous"></script>
<script src="assets/js/script.js"></script>
</body>
</html>

```

## 5.5. views/fixed/head.php

```

<!doctype html>
<html>
<head>
    <meta charset="UTF-8">
    <meta name="viewport"
        content="width=device-width, user-scalable=no, initial-scale=1.0,
maximum-scale=1.0, minimum-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <link rel="icon" type="image/x-icon" href="assets/images/favicon.ico">
    <title>
        <?php
        if(isset($_GET["page"])){
            $page=$_GET["page"];

            switch ($page){
                case "home":
                    echo "Home";
                    break;
                case "allbeers":
                    echo "Our beers";
                    break;
                case "register":
                    echo "Register";
                    break;
                case "login":
                    echo "Login";
                    break;
                case "aboutme":
                    echo "About me";
                    break;
                default:
                    echo "Home";
                    break;
            }
        }
        else{

```

```

        echo "Home";
    }
    ?>
</title>
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
<link rel="stylesheet" type="text/css" href="assets/css/style.css">
</head>
<body>

```

## 5.6. views/fixed/header.php

```

<nav class="navbar fixed-top navbar-expand-sm navbar-light bg-light">
    <a href="index.php" class="navbar-brand">
        
    </a>
    <button class="navbar-toggler" data-toggle="collapse" data-
target="#navbarMenu">
        <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarMenu">
    <ul class="navbar-nav">
    <?php
        require_once "models/meni/functions.php";
        if(isset($_SESSION['korisnik'])){
            $podaci=dohvatiMeni(1, $_SESSION['korisnik']->id_uloga);
        }
        else{
            $podaci=dohvatiMeni(1, 3);
        }

        foreach ($podaci as $podatak): ?>
            <li class="nav-item headerLink"><a href="<?= $podatak->putanja
?>" class="nav-link"><?= $podatak->naziv ?></a></li>
            <?php endforeach; ?>
        </ul>
    </div>
</nav>

```

## 5.7. views/.htaccess

```
Deny from all
```

## 5.8. views/403\_404.php

```

<div class="content">
    <div class="container-fluid">
        <div class="row">
            <div class="col-sm-10 offset-sm-1">
                <div class="row error">
                    <h3>Sorry, but there is no such a page on this website. Check
your URL address.</h3>
                </div>
            </div>
        </div>
    </div>
</div>

```

## 5.9. views/beers.php

```
<div class="container-fluid filter">
  <div class="row">
    <?php

    if(isset($_GET['proizvod'])){
      $idProizvod=$_GET['proizvod'];

      $upit="SELECT * FROM proizvod WHERE id_proizvod=$idProizvod";
      $rezultat=$konekcija->query($upit)->fetch();
      ?>

      <input type="hidden" value="<?= $idProizvod ?>" class="proizvodOcena"
/>

      <div class="col-md-5 slikaZasebno" >
        <div class="slikaOriginal">
          
        </div>
      </div>
      <div class="col-md-5 opisZasebno" >
        <h1 class="nazivPivaZasebno"><?= $rezultat->naziv_proizvoda ?></h1>
        <p class="opisPivaZasebno"><?= $rezultat->opis ?></p>
        <p class="naslovZasebno">ALCOHOL</p>
        <p class="tekst"><?= $rezultat->alkohol ?>%</p>
        <p class="naslovZasebno">BEER STORY</p>
        <p class="tekst"><?= $rezultat->beer_story ?></p>

        <?php
        if(isset($_SESSION['korisnik'])){ ?>
          <div class="rate">
            <p class="naslovZasebno">RATE</p><br/>
            <div>
              <i class="fa fa-star fa-4x" data-id="0"></i>
              <i class="fa fa-star fa-4x" data-id="1"></i>
              <i class="fa fa-star fa-4x" data-id="2"></i>
              <i class="fa fa-star fa-4x" data-id="3"></i>
              <i class="fa fa-star fa-4x" data-id="4"></i>
            </div>
            <br/>
            <div class="prosek"></div>
          </div>
        <?php
        } else {

        }
      ?>
    </div>
    <?php } else { ?>
    <div class="col-md-2 kolona">
      <a href="models/proizvodi/exportExcel.php" class="btn btn-
danger">Preuzmi podatke o proizvodima u Excel formatu</a>
      <input type="text" class="trazi" placeholder="Search"/>
      <div class="panel panel-default">
        <h2 class="filterNaziv">Styles</h2>
        <?php
        require_once "models/functions.php";
        $podaci=dohvati('kategorija');
        foreach($podaci as $podatak): ?>
          <label class="containerr"><?= $podatak->naziv_kategorije ?>
          <input type="radio" name="radioKategorija"
class="radioKategorija" value="<?= $podatak->id_kategorija ?>" />
          <span class="checkmark"></span>
          </label>
        <?php endforeach;?>
      </div>
    </div>
  </div>
</div>
```

```

        <h2 class="filterNaziv">Sort</h2>
        <label class="containerr">Name >
            <input type="radio" name="radioSort" class="radioSort"
value="1"/>
            <span class="checkmark"></span>
        </label>
        <label class="containerr">< Name
            <input type="radio" name="radioSort" class="radioSort"
value="2"/>
            <span class="checkmark"></span>
        </label>
        <label class="containerr">Alcohol >
            <input type="radio" name="radioSort" class="radioSort"
value="3"/>
            <span class="checkmark"></span>
        </label>
        <label class="containerr">< Alcohol
            <input type="radio" name="radioSort" class="radioSort"
value="4"/>
            <span class="checkmark"></span>
        </label>
    </div>
</div>
<div class="col-md-10 prikazPiva">
    <p class="kategorija">All beers</p>
    <div class="nema text-center"></div>
    <div class="row text-center jedanProizvod" >

        <?php
            require_once "models/stranicenje/functions.php";
            $podaci=dohvatiPoStranici(3);
            foreach ($podaci as $podatak):
                ?>
                <div class="col-md-4 slikaMalaDiv">
                    <a href="index.php?page=allbeers&proizvod=<?= $podatak -
>id_proizvod?">naziv_proizvoda ?>"></a>
                    <p class="nazivPiva"><?= $podatak->naziv_proizvoda ?></p>
                    <p class="abv">Alcohol: <?= $podatak->alkohol ?> %</p>
                    <p class="opisPiva"><?= $podatak->opis ?></p>
                </div>
                <?php endforeach; ?>

            </div>
            <div class="col-sm-3 brojeviPaginacija">
                <nav aria-label="...">
                    <ul class="pagination">
                        <?php
                            $brojLinkova=brojLinkova(3);
                            for($i=0; $i<$brojLinkova; $i++):
                                $index=$i+1;
                                ?>
                                <li class="page-item">
                                    <a id="<?= $i?" data-id="<?= $index?" class="page-
link stranicenjeBroj" href="#"><?= $index?"></a>
                                </li>
                            <?php endfor; ?>
                    </ul>
                </nav>
            </div>
        </div>
        <?php } ?>
    </div>
</div>

```

## 5.9. views/login.php

```
<?php
if(!isset($_SESSION['korisnik'])){ ?>
    <div class="login">
        <div class="registracijaTekst">
            <h2>Log in</h2>
        </div>
        <div class="registracijaForma">
            <form>
                <div class="form-group">
                    <input type="text" class="form-control" id="username"
name="username" placeholder="Username" onblur="proveriUsername()">
                    <h4 class="regularniFalse">Please, enter a valid username with
minimum 5 characters.</h4>
                </div>
                <div class="form-group">
                    <input type="password" class="form-control" id="password"
name="password" placeholder="Password" onblur="proveriPassword()">
                    <h4 class="regularniFalse">Please, enter a valid password with
minimum 5 characters.</h4>
                </div>
                <input type="button" class="btn btn-outline-primary " value="Submit"
id="ulogujSe" name="ulogujSe"/>
            </form>
            <p class="already">Not registered? <a class="registerLoginLink"
href="index.php?page=register">Register here</a> </p>
        </div>
    </div>
<?php }
else{ ?>
<div class="registracija">
    <div class="registracijaTekst">
        <h2 class="obavestenjeLoginRegister">Već ste ulogovani</h2>
    </div>
</div>
<?php } ?>
```

## 5.10. views/oMeni.php

```
<div class="container-fluid filter text-center">
    <div class="row">
        <?php
            include_once "models/autor/functions.php";
            $autor=dohvatiAutora();
            ?>
        <div class="col-md-5 divSlika" >
            
        </div>
        <div class="col-md-7">
            <p id="pasusOMeni"><?= $autor->opis ?></p>
        </div>
    </div>
    <a href="models/autor/podaciOAutoru.php" class="btn btn-danger">Preuzmi podatke
o autoru</a>
</div>
```

## 5.10. views/pocetna.php

```
<div class="container-fluid pocetnaPozadina">
  
  <h2 class="naslov">A commitment to excellence</h2>
  <p class="opis">1985 was a simpler time. Beer was either "lager A" or "lager
B". But noted beer fan Ed McNally was thirsty for a real choice. And rather than
complicate matters by tracking down established import brews, Ed took the "easy"
way out and started his own brewery.
We're driven by a passion to bring better beer to Canadians every day, everywhere.
We're handcrafted in a high-volume world, and we're proud of it. We believe today,
as our founder Ed McNally believed in 1985, that to raise one glass is to raise an
entire industry. The rest is a part of Big Rock Brewery history.</p>
  
</div>
```

## 5.11. views/register.php

```
<?php
if(!isset($_SESSION['korisnik'])) { ?>
<div class="registracija container-fluid">
  <div class="registracijaTekst">
    <h2>Become a Big Rocker</h2>
    <p>Get insider scoop on exclusive events,<br/>new beers and much more</p>
  </div>
  <div class="registracijaForma">
    <form>
      <div class="form-group">
        <input type="text" class="form-control" id="ime" name="ime"
placeholder="First Name" onblur="proveriIme()">
        <h4 class="regularniFalse">Please, enter a valid first name with
minimum 3 letters which first is capital letter.</h4>
      </div>
      <div class="form-group">
        <input type="text" class="form-control" id="prezime" name="prezime"
placeholder="Last Name" onblur="proveriPrezime()">
        <h4 class="regularniFalse">Please, enter a valid last name with
minimum 3 letters which first is capital letter.</h4>
      </div>
      <div class="form-group">
        <input type="text" class="form-control" id="username"
name="username" placeholder="Username" onblur="proveriUsername()">
        <h4 class="regularniFalse">Please, enter a valid username with
minimum 5 characters.</h4>
      </div>
      <div class="form-group">
        <input type="password" class="form-control" id="password"
name="password" placeholder="Password" onblur="proveriPassword()">
        <h4 class="regularniFalse">Please, enter a valid password with
minimum 5 characters.</h4>
      </div>
      <div class="form-group">
        <input type="text" class="form-control" id="email" name="email"
placeholder="Email Address" onblur="proveriEmail()">
        <h4 class="regularniFalse">Please, enter a valid email
address.</h4>
      </div>
      <input type="button" class="btn btn-outline-primary " value="Submit"
id="registrujSe" name="registrujSe"/>
    </form>
    <!-- Modal Dobro-->
    <div class="modal fade" id="myModalDobro" role="dialog">
      <div class="modal-dialog">
        <!-- Modal content-->
```



```

        <div class="modal-content">
            <div class="modal-header">
                <button type="button" id="zatvori" class="close" data-
dismiss="modal">&times;</button>
                <h3 class="modal-title">Congratulations!</h3>
            </div>
            <div class="modal-body">
                <p>You have successfully registered. Now you can log in
with your username and password.</p>
            </div>
            <div class="modal-footer">
                <button type="button" id="zatvori" class="btn btn-default"
data-dismiss="modal">Log in</button>
            </div>
        </div>
    </div>
<!-- Modal Lose-->
<div class="modal fade" id="myModalLose" role="dialog">
    <div class="modal-dialog">
        <!-- Modal content-->
        <div class="modal-content">
            <div class="modal-header">
                <button type="button" class="close" data-
dismiss="modal">&times;</button>
                <h3 class="modal-title">Ooops!</h3>
            </div>
            <div class="modal-body">
                <p>Username or email already exists. Try another one.</p>
            </div>
            <div class="modal-footer">
                <button type="button" class="btn btn-default" data-
dismiss="modal">Close</button>
            </div>
        </div>
    </div>
</div>
    <p class="already">Already registered? <a class="registerLoginLink"
href="index.php?page=login">Log in here</a> </p>
</div>
</div>
<?php }
else{ ?>
    <div class="registracija">
        <div class="registracijaTekst">
            <h2 class="obavestenjeLoginRegister">Već ste registrovani</h2>
        </div>
    </div>
</div>
<?php } ?>

```

## 5.12. models/functions.php

```

<?php

function dohvati($tabela){
    global $konekcija;
    $upit="SELECT * FROM $tabela";
    $rezultat=$konekcija->query($upit)->fetchAll();

    return $rezultat;
}

```

### 5.13. models/admin/pristupSajtu.php

```
<?php
$file = file(LOG_FAJL);
$trenutnoVreme = time();
$stranice = ['Home', 'Our beers', 'Register', 'Login', 'About Me', 'One beer'];
$stranicePosete = [0,0,0,0,0,0];
$zbir = 0;
foreach($file as $row){
    $rowData = explode("\t", $row);
    if($trenutnoVreme - strtotime($rowData[1]) <= 86400){
        if(strpos($rowData[0], 'index.php?') !== false){
            $url = explode('=', $rowData[0]);
            $page = $url[1];
            switch($page){
                case 'home': $stranicePosete[0]+=1;
                break;
                case 'allbeers': $stranicePosete[1]+=1;
                break;
                case 'register': $stranicePosete[2]+=1;
                break;
                case 'login': $stranicePosete[3]+=1;
                break;
                case 'aboutme': $stranicePosete[4]+=1;
                break;
                default: $stranicePosete[5]+=1;
                break;
            }
            $zbir = $zbir + 1;
        }
    }
}

for($i=0; $i<count($stranice); $i++){
    $procenat = round($stranicePosete[$i]/$zbir*100);
    $ispis = '<div class="row">
        <div class="col-11">
            <div class="progress">
                <div class="progress-bar" aria-valuenow="' . $procenat .'" aria-
valuemin="0" aria-valuemax="100" style="width:' . $procenat . '%">
            </div>
        </div>
        <div class="col-1"> <label>' . $procenat . '% ' . $stranice[$i] .
'</label> </div> </div>';
    echo $ispis;
}
?>
```

### 5.14. models/autor/functions.php

```
<?php

function dohvatiAutora(){
    global $konekcija;

    $autor=$konekcija->query("SELECT * FROM autor")->fetch();

    return $autor;
}
```

## 5.15. models/autor/podaci0Autoru.php

```
<?php include "../..//config/connection.php";
include "functions.php";
$autor = dohvatiAutora();

$word = new COM("word.application", NULL, CP_UTF8) or die("Unable to instantiate
Word object");
$word->Visible = true;
$word->Documents->Add();
$word->Selection->TypeText("$autor->ime $autor->prezime, $autor->indeks\n$autor-
>opis");
$word->ActiveDocument->SaveAs("oAutoru.doc");

header("Location: ../..//index.php");
?>
```

## 5.16. models/korisnici/deleteKorisnika.php

```
<?php
include "../..//config/connection.php";
if(isset($_POST['id'])){
    $id=$_POST['id'];

    try{
        $upit="DELETE FROM korisnik WHERE id_korisnik=?";
        $priprema=$konekcija->prepare($upit);
        $priprema->execute([$id]);

        response(204, "");
    }
    catch (PDOException $e){
        response(500, $e->getMessage());
    }
}
else{
    response(400, "");
}
```

## 5.17. models/korisnici/dohvatiKorisnika.php

```
<?php
header("Content-Type: application/json");
include "../..//config/connection.php";
if(isset($_POST['id'])){
    $id=$_POST['id'];
    $upit="SELECT * FROM korisnik k INNER JOIN uloga u ON k.id_uloga=u.id_uloga
WHERE id_korisnik=?";
    $priprema=$konekcija->prepare($upit);
    $priprema->execute([$id]);
    $rezultat=$priprema->fetch();

    echo json_encode($rezultat);
}
```

## 5.18. models/korisnici/dohvatiUlogu.php

```
<?php
header("Content-Type: application/json");
include "../../config/connection.php";
$upit="SELECT * from uloga";
$resultat=$konekcija->query($upit)->fetchAll();

echo json_encode($resultat);
```

## 5.19. models/korisnici/functions.php

```
<?php

use PHPMailer\PHPMailer\PHPMailer;
use PHPMailer\PHPMailer\Exception;
//Load Composer's autoloader
require '../../vendor/autoload.php';

function dohvatiKorisnikaPoUsername($username){
    global $konekcija;

    $upit = "SELECT * FROM korisnik WHERE username=?";
    $priprema = $konekcija->prepare($upit);
    $priprema->execute([$username]);
    if($priprema->rowCount()==0)
        return false;
    else
        return $priprema->fetch();
}
```

## 5.20. models/korisnici/prikazi.php

```
<?php
header("Content-Type: application/json");
include "../../config/connection.php";
$upit="SELECT * FROM korisnik k INNER JOIN uloga u ON k.id_uloga=u.id_uloga";
try{
    $resultat=$konekcija->query($upit)->fetchAll();
    echo json_encode($resultat);
    response(200, "");
}
catch (PDOException $exception){
    echo json_encode($exception->getMessage());
    response(500, $exception->getMessage());
}
```

## 5.21. models/korisnici/prikaziKorisnike.php

```
<?php
header("Content-Type: application/json");
include "../../config/connection.php";
$upit="SELECT * FROM korisnik k INNER JOIN uloga u ON k.id_uloga=u.id_uloga";
try{
    $resultat=$konekcija->query($upit)->fetchAll();
    echo json_encode($resultat);
    response(200, "");
}
catch (PDOException $exception){
    echo json_encode($exception->getMessage());
}
```

```
        response(500, $exception->getMessage());
    }
}
```

## 5.22. models/korisnici/updateKorisnika.php

```
<?php

include "../config/connection.php";
if(isset($_POST['id']) && isset($_POST['uloga'])){
    $id=$_POST['id'];
    $uloga=$_POST['uloga'];

    $upit="UPDATE korisnik SET id_uloga=? WHERE id_korisnik=?";
    $priprema=$konekcija->prepare($upit);
    try{
        $priprema->execute([$uloga, $id]);
        response(204, "");
    }
    catch (PDOException $exception){
        echo json_encode($exception->getMessage());
        response(500, $exception->getMessage());
    }
}
else{
    response(400, "");
}
}
```

## 5.23. models/login/login.php

```
<?php
session_start();
use PHPMailer\PHPMailer\PHPMailer;
use PHPMailer\PHPMailer\Exception;
//Load Composer's autoloader
require '../vendor/autoload.php';
if(isset($_POST['username']) && isset($_POST['password'])) {

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

    $username = $_POST['username'];
    $password = $_POST['password'];
    $kriptovaniPassword = md5($password);

    $regUsername = "/^[A-z0-9]{5,}$/";
    $regPassword = "/^[A-z0-9]{5,}$/";

    $greske = [];

    if (!$username) {
        array_push($greske, "Polje za username je obavezno!");
    } elseif (!preg_match($regUsername, $username)) {
        array_push($greske, "Polje za username nije dobro popunjeno");
    }

    if (!$password) {
        array_push($greske, "Polje za lozinku je obavezno!");
    } elseif (!preg_match($regPassword, $password)) {
        array_push($greske, "Polje za lozinku nije dobro popunjeno");
    }

    if (count($greske) == 0) {
        try{
            require_once "../korisnici/functions.php";
            $korisnik = dohvatiKorisnikaPoUsername($username);
        }
    }
}
```

```

        if(!$korisnik) response(404, "Korisnik nije pronadjen.");
        if($korisnik->password == $kriptovaniPassword){
            $_SESSION['korisnik'] = $korisnik;
            response(200, "");
        }
        else{
            if($korisnik->username==$username) {
                $mejl = $korisnik->email;
                $ime = $korisnik->ime;

                $mail = new PHPMailer(true); // Passing
`true` enables exceptions
                try {
                    //Server settings
                    $mail->SMTPDebug = 2; //
Enable verbose debug output
                    $mail->isSMTP(); //
Set mailer to use SMTP
                    $mail->Host = 'smtp.gmail.com'; //
Specify main and backup SMTP servers
                    $mail->SMTPAuth = true; //
Enable SMTP authentication
                    $mail->Username = 'stefanphpmailer@gmail.com'; //
SMTP username
                    $mail->Password = 'st3fanphpmall3r'; //
SMTP password
                    $mail->SMTPSecure = 'tls'; //
Enable TLS encryption, `ssl` also accepted
                    $mail->Port = 587; //
TCP port to connect to

                    //Recipients
                    $mail->setFrom('stefanphpmailer@gmail.com', 'Big Rock');
                    $mail->addAddress($mejl, $ime); // Add a recipient

                    //Content
                    $mail->isHTML(true); //
Set email format to HTML
                    $mail->Subject = 'Alert';
                    $mail->Body = "Someone just tried to login into your
account from IP address: " . $_SERVER['REMOTE_ADDR'] . "!! Was that you?";
                    $mail->AltBody = 'Someone just tried to login into your
account! Was that you?';

                    $mail->send();
                } catch (Exception $e) {
                    return false;
                }
                response(409, "Pogresna lozinka");
            }
        }
    } catch (PDOException $e) {
        response(500, $e->getMessage());
    }
}
else{
    response(422, "");
}
}
else{
    response(400, "");
}
}

```

## 5.24. models/login/logout.php

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

## 5.25. models/meni/functions.php

```
<?php

function dohvatiMeni($pozicija, $uloga){
    global $konekcija;

    $upit="SELECT * FROM meni m INNER JOIN meni_uloga mu ON m.id_meni=mu.id_meni
WHERE m.id_pozicija_meni=:pozicija AND mu.id_uloga=:uloga ORDER BY redosled";
    $priprema=$konekcija->prepare($upit);
    $priprema->bindParam(":pozicija", $pozicija);
    $priprema->bindParam(":uloga", $uloga);
    $priprema->execute();
    $rezultat=$priprema->fetchAll();

    return $rezultat;
}
```

## 5.26. models/ocene/dohvatiOcenuZaProizvod.php

```
<?php
session_start();
header("Content-Type: application/json");
include "../../config/connection.php";

if(isset($_POST['idProizvod'])){
    $idProizvod=$_POST['idProizvod'];
    $idKorisnik=$_SESSION['korisnik']->id_korisnik;

    try{
        $upit=$konekcija->prepare("SELECT * FROM korisnik_proizvod WHERE
id_korisnik=? AND id_proizvod=?");
        $upit->execute([$idKorisnik, $idProizvod]);
        $podatak=$upit->fetch();

        $upit2=$konekcija->prepare("SELECT AVG(ocena) AS prosek FROM
korisnik_proizvod WHERE id_proizvod=?");
        $upit2->execute([$idProizvod]);
        $prosek=$upit2->fetch();
        echo json_encode([ "podatak"=> $podatak, "prosek"=> $prosek ]);
        response(200, "");
    }
    catch(PDOException $exception){
        response(500, $exception->getMessage());
    }
}
else{
    http_response_code(400);
}
```

## 5.27. models/ocene/functions.php

```
<?php

function daLiJeGlasao($idKorisnik, $idProizvod){
    global $konekcija;
    $podatak=$konekcija->query("SELECT * FROM korisnik_proizvod WHERE
id_korisnik=$idKorisnik AND id_proizvod=$idProizvod")->fetch();
    return $podatak;
}
```

## 5.28. models/ocene/insertUpdateOcene.php

```
<?php
session_start();
include "../config/connection.php";
include "functions.php";
if(isset($_POST['ocena']) && isset($_POST['idProizvod'])){
    $idKorisnik=$_SESSION['korisnik']->id_korisnik;
    $idProizvod=$_POST['idProizvod'];
    $ocena=$_POST['ocena']+1;

    $podatak=daLiJeGlasao($idKorisnik, $idProizvod);

    if($podatak){
        try{
            $upit=$konekcija->prepare("UPDATE korisnik_proizvod SET ocena=? WHERE
id_korisnik_proizvod=$podatak->id_korisnik_proizvod");
            $rezultat=$upit->execute([$ocena]);

            response(204, "");
        }
        catch (PDOException $exception){
            response(500, $exception->getMessage());
        }
    }
    else{
        try{
            $upit=$konekcija->prepare("INSERT INTO korisnik_proizvod (id_korisnik,
id_proizvod, ocena) VALUES (?, ?, ?)");
            $rezultat=$upit->execute([$idKorisnik, $idProizvod, $ocena]);

            response(201, "");
        }
        catch (PDOException $exception){
            response(500, $exception->getMessage());
        }
    }
}
else{
    response(400, "");
}
```

## 5.29. models/ocene/prikazi.php

```
<?php
header("Content-Type: application/json");
include "../config/connection.php";

$upit="SELECT * FROM korisnik k INNER JOIN korisnik_proizvod kp ON
k.id_korisnik=kp.id_korisnik INNER JOIN proizvod p ON
kp.id_proizvod=p.id_proizvod";
try{
```



```

    $rezultat=$konekcija->query($upit)->fetchAll();
    echo json_encode($rezultat);
    response(200, "");
}
catch (PDOException $exception){
    echo json_encode($exception->getMessage());
    response(500, $exception->getMessage());
}

```

### 5.30. models/proizvodi/deleteProizvoda.php

```

<?php
include "../../config/connection.php";
if(isset($_POST['id'])){
    $id=$_POST['id'];

    try{
        $upit="DELETE FROM proizvod WHERE id_proizvod=?";
        $priprema=$konekcija->prepare($upit);
        $priprema->execute([$id]);

        response(204, "");
    }
    catch (PDOException $e){
        response(500, $e->getMessage());
    }
}
else{
    response(400, "");
}

```

### 5.31. models/proizvodi/dohvatanjePoKriterijumima.php

```

<?php
header("Content-type: application/json");
require_once "../../config/connection.php";
if(isset($_POST['ok'])) {
    $pretraga= $_POST['pretraga'];
    $sort = isset($_POST['sort']) ? $_POST['sort'] : 1;
    $stranica = $_POST['stranica'];

    $upitDodatak = [];
    $upitKraj = [];

    $upit = "SELECT * FROM proizvod p INNER JOIN kategorija k on p.id_kategorija = k.id_kategorija";

    if($pretraga)
        array_push($upitDodatak, " p.naziv_proizvoda LIKE '%$pretraga%' ");

    if(isset($_POST['kategorija'])) {
        $kategorija= $_POST['kategorija'];
        array_push($upitDodatak," p.id_kategorija=$kategorija ");
    }

    if($sort == 1)
        array_push($upitKraj, " ORDER BY p.naziv_proizvoda ASC ");
    else if ($sort == 2)
        array_push($upitKraj, " ORDER BY p.naziv_proizvoda DESC ");
    else if ($sort == 3)
        array_push($upitKraj, " ORDER BY p.alkohol ASC ");
    else if ($sort == 4)
        array_push($upitKraj, " ORDER BY p.alkohol DESC ");
}

```

```

    $stranica = ($stranica-1) * 3;

    array_push($upitKraj, " LIMIT $stranica ,3");

    if(count($upitDodatak)) {
        $upit .= " WHERE ";
        $upit .= implode(" AND ", $upitDodatak);
    }

    $broj = $konekcija->query($upit);
    $broj = $broj->rowCount();

    $upit .= implode($upitKraj);

    try{
        $podaci = $konekcija->query($upit)->fetchAll();
        echo json_encode([ "proizvodi"=> $podaci, "broj"=> $broj ]);
        response(200, "");
    }
    catch (PDOException $exception) {
        response(500, $exception->getMessage());
    }
}
else
    response(403, "");

```

### 5.32. models/proizvodi/dohvatiKategorije.php

```

<?php
header("Content-Type: application/json");
include "../../config/connection.php";
$upit = "SELECT * FROM kategorija";
try {
    $rezultat = $konekcija->query($upit)->fetchAll();
    echo json_encode($rezultat);
    response(200, "");
} catch (PDOException $exception) {
    echo json_encode($exception->getMessage());
    response(500, $exception->getMessage());
}

```

### 5.33. models/proizvodi/dohvatiProizvod.php

```

<?php
header("Content-Type: application/json");
include "../../config/connection.php";
if(isset($_POST['id'])){
    $id=$_POST['id'];
    $upit="SELECT * FROM proizvod p INNER JOIN kategorija k ON
p.id_kategorija=k.id_kategorija WHERE id_proizvod=?";
    $priprema=$konekcija->prepare($upit);
    $priprema->execute([$id]);
    $rezultat=$priprema->fetch();

    echo json_encode($rezultat);
}

```

### 5.34. models/proizvodi/exportExcel.php

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

$proizvodi = dohvatiProizvode();

$excel = new COM("Excel.Application");

$excel->Visible = 1;

$workbook = $excel->Workbooks->Open("http://localhost/bigRock/data/proizvodi.xlsx")
or die('Did not open filename');

$sheet = $workbook->Worksheets('Sheet1');
$sheet->activate;

$br = 1;
foreach($proizvodi as $proizvod){
    $polje = $sheet->Range("A{$br}");
    $polje->activate;
    $polje->value = $proizvod->id_proizvod;

    $polje = $sheet->Range("B{$br}");
    $polje->activate;
    $polje->value = $proizvod->naziv_proizvoda;

    $polje = $sheet->Range("C{$br}");
    $polje->activate;
    $polje->value = $proizvod->opis;

    $polje = $sheet->Range("D{$br}");
    $polje->activate;
    $polje->value = $proizvod->beer_story;

    $polje = $sheet->Range("E{$br}");
    $polje->activate;
    $polje->value = $proizvod->alkohol;

    $polje = $sheet->Range("F{$br}");
    $polje->activate;
    $polje->value = $proizvod->id_kategorija;

    $br++;
}

$workbook->_SaveAs("http://localhost/bigRock/data/proizvodi.xlsx", -4143);
$workbook->Save();

$workbook->Saved=true;
$workbook->Close;

$excel->Workbooks->Close();
$excel->Quit();

unset($sheet);
unset($workbook);
unset($excel);

?>
```

## 5.35. models/proizvodi/functions.php

```
<?php

function dohvatiProizvode(){
    global $konekcija;
    $proizvodi = $konekcija->query("SELECT * FROM proizvod")->fetchAll();
    return $proizvodi;
}

function dohvatiProizvod($id)
{
    global $konekcija;
    $proizvod = $konekcija->query("SELECT * FROM proizvod WHERE id_proizvod = $id")->fetch();
    return $proizvod;
}

function radSaSlikom($slikaNaziv, $slikaTmp, $slikaTip, $slikaVelicina,
$dimenzijeSirina, $dimenzijevisina, $izbor )
{
    $greske = [];

    $dozvoljeniTipovi = ['image/jpeg', 'image/jpg', 'image/png'];

    $regAlkohol = "/^([1-9][0-9]?)(\\.\\d)?$/";

    if (!in_array($slikaTip, $dozvoljeniTipovi)) {
        array_push($greske, "Tip fajla nije odgovarajući.");
    }
    if ($slikaVelicina > 2*1024*1024) {
        array_push($greske, "Veličina fajla nije odgovarajuća.");
    }

    if (count($greske) == 0) {

        $dimenzije = getimagesize($slikaTmp);
        $sirina = $dimenzije[0];
        $visina = $dimenzije[1];

        $postojecaSlika = null;
        switch ($slikaTip) {
            case 'image/jpeg':
                $postojecaSlika = imagecreatefromjpeg($slikaTmp);
                break;
            case 'image/png':
                $postojecaSlika = imagecreatefrompng($slikaTmp);
                break;
        }

        $novaSirina = $dimenzijeSirina;
        $novaVisina = $dimenzijevisina;

        $novaSlika = imagecreatetruecolor($novaSirina, $novaVisina);

        //Transparentnost

        imagesavealpha($novaSlika, true);
        $color = imagecolorallocatealpha($novaSlika, 0, 0, 0, 127);
        imagefill($novaSlika, 0, 0, $color);

        //

        imagecopyresampled($novaSlika, $postojecaSlika, 0, 0, 0, 0, $novaSirina,
        $novaVisina, $sirina, $visina);

        if($izbor=="velika")
```

```

        $nazivSlike = time() . $slikaNaziv;

        elseif($izbor=="mala")

            $nazivSlike = "mala_" . time() . $slikaNaziv;

        switch ($slikaTip) {
            case 'image/jpeg':
                imagejpeg($novaSlika, "../../assets/images/beers/" . $nazivSlike);
                break;
            case 'image/png':
                imagepng($novaSlika, "../../assets/images/beers/" . $nazivSlike);
                break;
        }

        imagedestroy($postojecaSlika);
        imagedestroy($novaSlika);
        return $nazivSlike;
    }
    else
        return false;
}

```

### 5.36. models/proizvodi/izmenaProizvoda.php

```

<?php

if(isset($_POST['izmenaProizvodaDugme'])) {
    include '../../config/connection.php';
    include 'functions.php';

    $id = $_POST['updateDeleteId'];

    $naziv = $_POST['nazivPro'];
    $opis = $_POST['opisUnos'];
    $beerStory = $_POST['beerStoryUnos'];
    $alkohol = $_POST['alkoholUnos'];
    $kategorija = $_POST['kategorijaIzbor'];

    $errors = [];

    $regAlkohol = "/^([1-9][0-9]?)(\\.\\d)?$/";

    if(strlen($naziv)==0 || strlen($naziv)>50){
        array_push($errors, "Morate upisati naziv i on ne sme biti veći od 50
karaktera.");
    }
    if(strlen($opis)==0){
        array_push($errors, "Morate upisati opis.");
    }
    if(strlen($beerStory)==0){
        array_push($errors, "Morate upisati beer story.");
    }
    if(!preg_match($regAlkohol, $alkohol)){
        array_push($errors, "Alkohol morate uneti kao ceo broj ili kao decimalni
broj sa jednim mestom nakon tacke! Primer: 5 ili 5.3");
    }
    if($kategorija=="Izaberite..."){
        array_push($errors, "Morate izabrati kategoriju.");
    }

    if (empty($_FILES['slikaUnos']['name'])) {
        if (count($errors) == 0) {
            try {
                $upit = $konekcija->prepare("UPDATE proizvod SET naziv_proizvoda =
?, opis = ?, beer_story = ?, alkohol = ?, id_kategorija = ? WHERE id_proizvod =

```

```

?");

        if($upit->execute([$naziv, $opis, $beerStory, $alkohol,
$kategoriya, $id]))
            header("Location: ../../admin.php");
        else
            header("Location: ../../index.php");
    } catch (PDOException $ex) {

        echo $ex->getMessage();
    }
}
else
    echo "d";
} else {
    $slika = $_FILES['slikaUnos'];
    $slikaVelicina = $slika['size'];
    $slikaTip = $slika['type'];
    $slikaTmp = $slika['tmp_name'];
    $slikaNaziv = $slika['name'];

    $putanjaMalaSlika = radSaSlikom($slikaNaziv, $slikaTmp, $slikaTip,
$slikaVelicina, 330, 330, "mala");
    $putanjaVelikaSlika = radSaSlikom($slikaNaziv, $slikaTmp, $slikaTip,
$slikaVelicina, 600, 600, "velika");

    if (count($errors) == 0) {
        if ($putanjaMalaSlika && $putanjaVelikaSlika) {
            $upit = $konekcija->prepare("UPDATE proizvod SET naziv_proizvoda=?,
opis=?, beer_story=?, slika=?, mala_slika=?, alkohol=?, id_kategoriya=? WHERE
id_proizvod=?");
            try {
                $rezultat = $upit->execute([$naziv, $opis, $beerStory,
$putanjaVelikaSlika, $putanjaMalaSlika, $alkohol, $kategoriya, $id]);

                header("Location: ../../admin.php");
            } catch (PDOException $ex) {
                header ("Location: ../../index.php");
            }
        }
    }
}
} else {
    header("Location: index.php");
}
}

```

## 5.37. models/proizvodi/prikazi.php

```

<?php
header("Content-Type: application/json");
include "../../config/connection.php";

$upit="SELECT * FROM proizvod p INNER JOIN kategoriya k ON
p.id_kategoriya=k.id_kategoriya";
try{
    $rezultat=$konekcija->query($upit)->fetchAll();
    echo json_encode($rezultat);
    response(200, "");
}
catch (PDOException $exception){
    echo json_encode($exception->getMessage());
    response(500, $exception->getMessage());
}

```

### 5.38. models/proizvodi/proizvodiFiltriranje.php

```
<?php
header("Content-Type: application/json");
include "../../config/connection.php";
if(isset($_POST['value'])){
    $value=trim($_POST['value']);
    $vrednost="%$value%";

    try{
        $upit=$konekcija->prepare("SELECT * FROM proizvod WHERE naziv_proizvoda
LIKE ? OR opis LIKE ? OR beer_story LIKE ?");
        $upit->execute([$vrednost, $vrednost, $vrednost]);

        $podaci=$upit->fetchAll();
        echo json_encode($podaci);
        response(200, "");
    }
    catch (PDOException $exception){
        response(500, $exception->getMessage());
    }
}
else{
    response(400, "");
}
```

### 5.39. models/proizvodi/unosProizvoda.php

```
<?php
//define("FILE_SIZE", 2*1024*1024); //2MB
if(isset($_POST['unosProizvodaDugme'])){
    include "../../config/connection.php";
    include "functions.php";

    $slika=$_FILES['slikaUnos'];
    $slikaVelicina=$slika['size'];
    $slikaTip=$slika['type'];
    $slikaTmp=$slika['tmp_name'];
    $slikaNaziv=$slika['name'];

    $putanjaMalaSlika=radSaSlikom($slikaNaziv, $slikaTmp, $slikaTip,
    $slikaVelicina, 330, 330, "mala");
    $putanjaVelikaSlika=radSaSlikom($slikaNaziv, $slikaTmp, $slikaTip,
    $slikaVelicina, 600, 600, "velika");

    $naziv=$_POST['nazivPro'];
    $opis=$_POST['opisUnos'];
    $beerStory=$_POST['beerStoryUnos'];
    $alkohol=$_POST['alkoholUnos'];
    $kategorija=$_POST['kategorijaIzbor'];

    $errors=[];

    $regAlkohol="/^([1-9][0-9]?)(\\.\\d)?$/";

    if(strlen($naziv)==0 || strlen($naziv)>50){
        array_push($errors, "Morate upisati naziv i on ne sme biti veći od 50
karaktera.");
    }
    if(strlen($opis)==0){
        array_push($errors, "Morate upisati opis.");
    }
}
```

```

        if(strlen($beerStory)==0){
            array_push($errors, "Morate upisati beer story.");
        }
        if(!preg_match($regAlkohol, $alkohol)){
            array_push($errors, "Alkohol morate uneti kao ceo broj ili kao decimalni broj sa jednim mestom nakon tacke! Primer: 5 ili 5.3");
        }
        if($kategorija=="Izaberite..."){
            array_push($errors, "Morate izabrati kategoriju.");
        }

        if(count($errors)==0){
            if($putanjaMalaSlika && $putanjaVelikaSlika){
                $upit=$konekcija->prepare("INSERT INTO proizvod (naziv_proizvoda, opis, beer_story, slika, mala_slika, alkohol, id_kategorija) VALUES (?, ?, ?, ?, ?, ?, ?)");

                try {
                    $rezultat = $upit->execute([$naziv, $opis, $beerStory, $putanjaVelikaSlika, $putanjaMalaSlika, $alkohol, $kategorija]);
                    header("Location: ../../admin.php");

                } catch(PDOException $ex){
                    echo $ex->getMessage();
                }
            }
        } else{
            foreach ($errors as $error)
                echo $error;
        }
    } else {
    }
}

```

## 5.40. models/register/functions.php

```

<?php
function proveriTkorisnik($username, $email){
    global $konekcija;

    $upit="SELECT * FROM korisnik WHERE username=? OR email=?";
    $priprema=$konekcija->prepare($upit);
    $priprema->execute([$username, $email]);

    return $priprema;
}
?>

```

## 5.41. models/register/register.php

```

<?php

if(isset($_POST['ime']) && isset($_POST['prezime']) && isset($_POST['username']) &&
isset($_POST['password']) && isset($_POST['email'])){
    require_once "../../config/connection.php";
    require_once "functions.php";

    $ime=$_POST['ime'];
    $prezime=$_POST['prezime'];
    $username=$_POST['username'];
    $password=$_POST['password'];
}

```



```

$kriptovaniPassword=md5($password);
$email=$_POST['email'];
$datum=time();

$regImePrezime="/^[A-ZŠĐČĆŽ][a-zšđčćž]{2,25}(\s[A-ZŠĐČĆŽ][a-zšđčćž]{2,25})*/";
$regUsername="/^[A-z0-9]{5,}$/";
$regPassword="/^[A-z0-9]{5,}$/";

$greske=[];

if(!$ime){
    array_push($greske, "Polje za ime je obavezno!");
}
elseif(!preg_match($regImePrezime, $ime)){
    array_push($greske, "Polje za ime nije dobro popunjeno");
}

if(!$prezime){
    array_push($greske, "Polje za prezime je obavezno!");
}
elseif(!preg_match($regImePrezime, $prezime)){
    array_push($greske, "Polje za prezime nije dobro popunjeno");
}

if(!$username){
    array_push($greske, "Polje za username je obavezno!");
}
elseif(!preg_match($regUsername, $username)){
    array_push($greske, "Polje za username nije dobro popunjeno");
}

if(!$password){
    array_push($greske, "Polje za lozinku je obavezno!");
}
elseif(!preg_match($regPassword, $password)){
    array_push($greske, "Polje za lozinku nije dobro popunjeno");
}

if(!$email){
    array_push($greske, "Polje za email je obavezno!");
}
elseif(!filter_var($email, FILTER_VALIDATE_EMAIL)){
    array_push($greske, "Email nije dobar");
}

if(count($greske)==0){

    $rezultat=proveriKorisnik($username, $email);

    if($rezultat->rowCount()==0){
        $upit="INSERT INTO korisnik VALUES(' ', ?, ?, ?, ?, ?, ?, 2)";
        $priprema=$konekcija->prepare($upit);

        try{
            $rezultat=$priprema->execute([$ime, $prezime, $username,
$kriptovaniPassword, $email, $datum]);
            response(201, "");
        }
        catch (PDOException $exception){
            response(500, $exception->getMessage());
        }
    }
    else{
        response(409, "Username ili email vec postoje.");
    }
}
else{
    response(422, "");
}

```

```

    }
}
else{
    response(404, "");
}
?>

```

## 5.42. models/stranicenje/dohvatanjeProizvoda.php

```

<?php
header("Content-Type: applicatioin/json");

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

    if(isset($_POST['broj']))
    {
        $kategorija = $_POST['kategorija'];
        $x = $_POST['broj'];
        $x = $x*3;

        $upit = "SELECT * FROM proizvod LIMIT 3 OFFSET $x";
        $podaci = $konekcija->query($upit)->fetchAll();

        echo json_encode($podaci);
    }

```

## 5.43. models/stranicenje/functions.php

```

<?php

function dohvatiPoStranici($brojPoStranici){
    global $konekcija;

    $upit ="SELECT * FROM proizvod LIMIT 0, $brojPoStranici";
    $rezultat = $konekcija->query($upit)->fetchAll();

    return $rezultat;
}

function brojLinkova($brojPoStranici){
    global $konekcija;

    $upit="SELECT COUNT(*) AS broj FROM proizvod";
    $brojProizvoda=$konekcija->query($upit)->fetch();
    $brojLinkova=ceil($brojProizvoda->broj/$brojPoStranici);

    return $brojLinkova;
}

?>

```

## 5.44. data/error.txt

```

login.php 09.07.2019 17:02:15 ::1 409 Pogresna lozinka
register.php 09.07.2019 17:46:04 ::1 500 SQLSTATE[42S02]: Base table or
view not found: 1146 Table 'bigrock.korisnik' doesn't exist
login.php 09.07.2019 19:24:40 ::1 404 Korisnik nije pronadjen.

```

## 5.45. data/log.txt

```
updateKorisnika.php 08.07.2019 15:54:01 ::1
prikazi.php         08.07.2019 15:54:34 ::1
dohvatiKorisnika.php 08.07.2019 15:54:36 ::1
dohvatiUlogu.php    08.07.2019 15:54:36 ::1
prikazi.php         08.07.2019 15:54:40 ::1
deleteKorisnika.php 08.07.2019 15:54:45 ::1
prikaziKorisnike.php 08.07.2019 15:54:45 ::1
prikazi.php         08.07.2019 15:55:07 ::1
dohvatiKategorije.php 08.07.2019 15:55:07 ::1
dohvatiProizvod.php 08.07.2019 15:55:24 ::1
dohvatiKategorije.php 08.07.2019 15:55:24 ::1
prikazi.php         08.07.2019 15:55:31 ::1
dohvatiKategorije.php 08.07.2019 15:55:31 ::1
prikazi.php         08.07.2019 15:55:47 ::1
dohvatiKorisnika.php 08.07.2019 15:55:49 ::1
```

## 5.46. config/.env

```
BAZA=epiz_24162528_bigrock
SERVER=sql107.epizy.com
USERNAME=epiz_24162528
PASSWORD=nic4vzsG47
```

## 5.47. config/config.php

```
<?php

define("APSOLUTNA_PUTANJA", $_SERVER["DOCUMENT_ROOT"]);
define("ENV_FAJL", APSOLUTNA_PUTANJA."/config/.env");
define("LOG_FAJL", APSOLUTNA_PUTANJA."/data/log.txt");
define("ERROR_FAJL", APSOLUTNA_PUTANJA."/data/error.txt");

define("BAZA", env("BAZA"));
define("SERVER", env("SERVER"));
define("USERNAME", env("USERNAME"));
define("PASSWORD", env("PASSWORD"));

function env($naziv){
    $podaci=file(ENV_FAJL);
    $vrednost="";

    foreach ($podaci as $podatak) {
        $konfig=explode("=", $podatak);

        if($konfig[0]==$naziv){
            $vrednost=trim($konfig[1]);
        }
    }

    return $vrednost;
}

?>
```

## 5.48. config/connection.php

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

pristupStranicama();

try{
    $konekcija=new PDO("mysql:host=".SERVER."; dbname=".BAZA."; charset=utf8",
    USERNAME, PASSWORD );
    $konekcija->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
    $konekcija->setAttribute(PDO::ATTR_DEFAULT_FETCH_MODE, PDO::FETCH_OBJ);
}
catch (PDOException $exception){
    echo "Greška sa konekcijom: ".$exception->getMessage();
}

function pristupStranicama(){
    $file = fopen(LOG_FAJL, "a");
    $string = basename($_SERVER['REQUEST_URI']) . "\t" . date("d.m.Y H:i:s") . "\t"
    . $_SERVER['REMOTE_ADDR'] . "\n";
    fwrite($file, $string);
    fclose($file);
}

function response($code, $poruka){
    if($code >= 400){
        $file = fopen(ERROR_FAJL, "a");
        $string = basename($_SERVER['REQUEST_URI']) . "\t" . date("d.m.Y H:i:s") .
        "\t" . $_SERVER['REMOTE_ADDR'] . "\t" . $code . "\t" . $poruka . "\n";
        fwrite($file, $string);
        fclose($file);
    }
    http_response_code($code); }

?>
```

## 5.49. assets/css/style.css

```
*{
    margin: 0px;
    padding: 0px;
    font-family: Brandon_med;
}

body{
    background-color: #fbf7ed;
}

@font-face {
    font-family: Sucrose-BoldOne;
    src: url(../fonts/Sucrose-BoldOne.otf);
}

@font-face {
    font-family: Brandon_med;
    src: url(../fonts/Brandon_med.otf);
}

@font-face {
    font-family: Brandon_bld;
    src: url(../fonts/Brandon_bld.otf);
}

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

```
}

@font-face {
  font-family: Brandon_reg;
  src: url(../fonts/Brandon_reg.otf);
}

.registracija{
  background: url(../images/registerBackground.jpg) no-repeat left;
  background-color: #c63022;
  background-size: 845px;
  padding: 46px 40px;
  text-align: left;
  height:1050px;
}

.login{
  background: url(../images/registerBackground.jpg) no-repeat left;
  background-color: #c63022;
  background-size: 515px;
  padding: 46px 40px;
  text-align: left;
  height:700px;
}

.registracijaTekst{
  margin:0px auto;
  padding-top: 70px;
  width:650px;
  height:265px;
}

.registracijaTekst h2{
  color:white;
  margin-bottom: 10px;
  font-size: 48px;
  font-family: Sucrose-BoldOne;
  text-align: center;
}

.registracijaTekst p{
  font-family: Brandon_reg;
  letter-spacing: -.5px;
  color: white;
  margin-bottom: 50px;
  opacity: .8;
  font-size: 24px;
  line-height: 32px;
  text-align: center;
}

.registracijaForma{
  margin:0px auto;
  width:750px;
  min-height:365px;
}

.form-control{
  width:720px;
  height:65px;
  margin:0 auto;
  font-size: 28px;
  font-family: Brandon_reg;
}

.btn-outline-primary{
  width:720px;
  height:65px;
  margin:0 auto;
}
```

```

margin-left:15px;
font-size: 20px;
font-family: Brandon_med;
text-transform: uppercase;
background: #9a0c00;
border:0px solid;
color:white;
}

.btn-outline-primary:hover {
  color: white;
  background-color:#9a0c00;
}

.form-control::-webkit-input-placeholder { color: #db8d88; }
.form-control:-moz-placeholder { color: #db8d88; }
.form-control::-moz-placeholder { color: #db8d88; }

.already{
  text-align: center;
  margin-top:20px;
  font-size:20px;
  color:black;
}

.registerLoginLink{
  color:white;
}
.registerLoginLink:hover{
  color:white;
}

.modal-body p{
  font-size:20px;
}

.navbar a img{
  margin-right:5px;
}

.navbar-light{
  background-color: black!important;
}

.navbar-nav{
  left: 50%;
  position: absolute;
  transform: translateX(-50%);
}

.navbar-nav li a {
  text-transform: uppercase;
  font-family: Brandon_bld;
  font-size: 16px;
  letter-spacing: .6px;
}

.navbar-light .navbar-nav .nav-link {
  color: white;
}

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

.navbar-light .navbar-nav .nav-link:hover {
  color: white;
}

```

```
.pozadina{
  background-color: #8b2219;
}

.nav-item{
  margin:0px 15px;
  text-align: center;
}

.container-fluid{
  min-height:700px;
  padding-left:0px;
  padding-right: 0px;
}

#futerMeni{
  height:100px;
}

.social{
  margin:0 10px;
}

.copyrightDiv{
  padding-top: 50px;
  background-color: black;
  height:150px;
}

.est{
  color: #fff;
  font-family: Brandon_reg;
  font-size: 18px;
  letter-spacing: .6px;
  left: 50%;
  position: absolute;
  transform: translateX(-50%);
  text-transform: uppercase;
}

.copyright{
  color: #ccc;
  font-family: Brandon_reg;
  font-size: 14px;
  letter-spacing: .6px;
  left: 50%;
  position: absolute;
  transform: translateX(-50%);
  text-transform: uppercase;
  text-align: center;
}

.imgCrtez{
  left:50%;
  transform: translateX(-50%);
  position: relative;
}

.pocetnaPozadina{
  background-color: #f5f0e5;
}

.naslov{
  font-size: 42px;
  line-height: 42px;
  text-transform: uppercase;
  margin: 50px auto;
```

```
    text-align:center;
    font-family: Sucrose-BoldOne;
}

.opis{
    font-size: 18px;
    line-height: 32px;
    margin: 50px auto;
    text-align:center;
    font-family: Brandon_reg;
    width:1015px;
}

.slikaMalaDiv{
    padding: 0px;
    min-height: 550px;
}

.row{
    margin: 0px;
    padding-top: 50px;
}

.nazivPiva{
    font-family: Sucrose-BoldOne;
    margin-top: 20px;
    font-size: 20px;
}

.abv{
    border-bottom: 1px solid #555;
    padding-bottom: 10px;
    display: table;
    font-size: 14px;
    font-family: Brandon_reg;
    line-height: 14px;
    letter-spacing: 1px;
    text-transform: uppercase;
    margin: 0 auto;
    color: #555;
}

.opisPiva{
    max-width: 340px;
    word-wrap: break-word;
    margin: 0 auto;
    font-size: 14px;
    font-family: Brandon_reg;
    line-height: 14px;
    letter-spacing: 1px;
    color: #555;
    margin-top: 20px;
    text-align: center;
}

.cistac{
    clear: both;
}

.filter{
    margin-top: 76px;
}

.panel{
    margin-top:50px;
    border-top: 1px solid #333;
}
```



```
.filterNaziv{
  padding: 14px 6px 10px 22px;
  font-family: Sucrose-BoldOne;
  font-size:20px;
}

.containerrr {
  margin-left:30px;
  display: block;
  position: relative;
  padding-left: 25px;
  cursor: pointer;
  font-size: 12px;
  line-height: 26px;
  font-family: Brandon_reg;
  text-transform: uppercase;
  font-weight: 700;
  -webkit-user-select: none;
  -moz-user-select: none;
  -ms-user-select: none;
  user-select: none;
}

.containerrr input {
  position: absolute;
  opacity: 0;
  cursor: pointer;
}

.checkmark {
  position: absolute;
  top: 0;
  left: 0;
  height: 13px;
  width: 13px;
  margin-top:6px;
  border-radius: 50%;
  border:1px solid black;
}

.containerrr:hover input ~ .checkmark {
  background-color: #ccc;
}

.checkmark:after {
  content: "";
  position: absolute;
  display: none;
}

.containerrr input:checked ~ .checkmark:after {
  display: block;
}

.containerrr .checkmark:after {
  top: 2px;
  left: 2px;
  width: 7px;
  height: 7px;
  border-radius: 50%;
  background: black;
}

.trazi{
  margin-top:30px;
  width:100%;
}
```

```
.prikazPiva{
  min-height: 600px;
  margin-top: 30px;
}

.kategorija{
  font-size: 28px;
  line-height: 28px;
  font-family: ThirstyRoughBolOne;
  border-bottom: 2px solid black;
  color: #11171e;
  display: table;
  margin: 0 auto;
  padding-top: 6px;
  margin-bottom: 30px;
}

.logo{
  margin-right: 5px;
}

.admin{
  min-height: 700px;
  margin-top: 150px;
  text-align: center;
}

.adminForma{
  width: 500px;
  margin: 50px auto;
}

.tabelaHeader{
  background-color: #8b2219;
  color: white;
}

.btn{
  background-color: #8b2219;
  border: 0px;
  color: white;
}

#registrujSe{
  margin-bottom: 0px;
}

#ulogujSe{
  margin-bottom: 0px;
}

.ulogaDdl{
  margin-bottom: 30px;
}

.ispis{
  border-top: 1px solid #8b2219;
  padding-top: 30px;
}

.slikaZasebno{
  height: 700px;
}

.opisZasebno{
  height: 700px;
}
```

```
.slikaOriginal{
  width:600px;
  margin:0 auto;
}

.nazivPivaZasebno{
  font-family: Sucrose-BoldOne;
  font-size: 60px;
  margin-bottom: 6%;
}

.opisPivaZasebno{
  font-size: 24px;
  letter-spacing: 0;
  line-height: 32px;
  font-family: Brandon_reg;
  margin-bottom: 34px;
}

.naslovZasebno{
  color:#df8800;
  text-decoration: underline;
  font-size: 16px;
  letter-spacing: .6px;
  line-height: 16px;
  margin-bottom: 1%;
  font-family: Brandon_bld;
}

.tekst{
  font-size: 18px;
  letter-spacing: 0;
  line-height: 26px;
  margin-bottom: 4%;
  font-family: Brandon_reg;
}

.page-link{
  background-color: black;
  color: #fbf7ed;
}

.page-link:hover{
  background-color: #fbf7ed;
  color: black;
}

.brojeviPaginacija{
  margin:0 auto;
}

.pagination {
  justify-content: center;
}

.obavestenjeLoginRegister{
  padding-top: 100px;
}

.userMenu{
  color:#fbf7ed;
  font-size:20px;
  padding-top: 15px;
}

.table td, .table th{
  vertical-align: middle;
}
```

```

.text {
  width: 720px;
  height: 200px;
  color: #495057;
  font-size: 25px;
}

#pasusOMeni{
  width: 900px;
  margin: 130px auto;
  font-size: 25px;
  text-align: justify;
}

.divSlika img {
  margin: auto;
  margin-top: 60px;
  display: block;
}

.progress-bar{
  background-color: #8b2219;
}

.fa-star{
  cursor: pointer;
}

.regularniFalse {
  display: none;
  color: black;
  text-align: center;
}

.error{
  justify-content:center;
  padding-top:100px;
}

.greskeIspis{
  margin-top:50px;
}

```

## 5.50. assets/js/script.js

```

let rateId=-1;

$(document).ready(function(){
  $(".headerLink").hover(
    function(){
      $(this).addClass('pozadina');
    },
    function(){
      $(this).removeClass('pozadina');
    }
  )

  $(document).on("click", "#registrujSe", function(){
    let ime=$("#ime").val();
    let prezime=$("#prezime").val();
    let username=$("#username").val();
    let password=$("#password").val();
    let email=$("#email").val();

    let greske = [];

```

```

let regImePrezime = /^[A-ZŠĐČĆŽ][a-zšđčćž]{2,25}(\s[A-ZŠĐČĆŽ][a-zšđčćž]{2,25})*/;
let regUsername = /^[A-z0-9]{5,}$/;
let regPassword = /^[A-z0-9]{5,}$/;
let regEmail =
/^(([<>()\\[\]\\.,:;@"]+)(\.[^<>()\\[\]\\.,:;@"]+)*|(".+"))@((\[[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\.([a-zA-Z0-9]+\.)+[a-zA-Z]{2,}))$/;

if (!regImePrezime.test(ime)) {
    greske.push("Ime nije u odgovarajućem formatu");
}
if (!regImePrezime.test(prezime)) {
    greske.push("Prezime nije u odgovarajućem formatu");
}
if (!regUsername.test(username)) {
    greske.push("Korisničko ime nije u odgovarajućem formatu");
}
if (!regPassword.test(password)) {
    greske.push("Lozinka nije u odgovarajućem formatu");
}
if (!regEmail.test(email)) {
    greske.push("E-mail nije u odgovarajućem formatu");
}

if (greske.length == 0){
    $.ajax({
        url: "models/register/register.php",
        method: "post",
        data:{
            ime:ime,
            prezime:prezime,
            username:username,
            password:password,
            email:email,
        },
        success: function(){
            $("#myModalDobro").modal();
            $(".modal-title").css("color", "green");
        },
        error: function(podaci) {
            switch (podaci.status) {
                case 409:
                    $("#myModalLose").modal();
                    $(".modal-title").css("color", "red");
                    break;
                case 422:
                    alert("Invalid data");
                    break;
                case 500:
                    alert("Server error");
                    break;
            }
        }
    });
} else{
    alert("Data are not in good format!");
}
});

$(document).on("click", "#zatvori", function(){
    window.location="index.php?page=login";
});

$(document).on("click", "#ulogujSe", function(){
    var username=$("#username").val();
    var password=$("#password").val();

```

```

var greske = [];

var regUsername = /^[A-z0-9]{5,}$/;
var regPassword = /^[A-z0-9]{5,}$/;

if (!regUsername.test(username)) {
    greske.push("Korisničko ime nije u odgovarajućem formatu");
}
if (!regPassword.test(password)) {
    greske.push("Lozinka nije u odgovarajućem formatu");
}

if (greske.length == 0){
    $.ajax({
        url: "models/login/login.php",
        method: "post",
        data:{
            username:username,
            password:password
        },
        success: function(){
            window.location="index.php";
        },
        error: function(podaci) {
            switch (podaci.status) {
                case 422:
                    alert("Invalid data.");
                    break;
                case 404:
                    alert("User not found. Try again.");
                    break;
                case 409:
                    alert("Wrong password! Try again.");
                    break;
            }
        }
    });
}
else{
    alert("Data are not in good format!");
}
});

$(document).on("click", ".dugmeAdmin", function(e){
    e.preventDefault();

    var izabranaOpcija=$("#ddLista").val();
    prikazAdmin(izabranaOpcija);
});

$(document).on("click", ".izmeniKorisnika", function(){
    let id=$(this).data("id");

    $.ajax({
        url: "models/korisnici/dohvatiKorisnika.php",
        method: "post",
        dataType: "json",
        data:{
            id: id
        },
        success: function(podatak){
            $.ajax({
                url: "models/korisnici/dohvatiUlogu.php",
                method: "post",
                dataType: "json",
                success: function(podaci){
                    let ispis=`<h2>Izmeni korisnika</h2><form>

```

```

        <div class="form-group">
            <label for="ime">Ime</label>
            <input type="text" class="form-control" id="ime"
value="{{podatak.ime}}" readonly/>
        </div>
        <div class="form-group">
            <label for="prezimeime">Prezime</label>
            <input type="text" class="form-control" id="prezime"
value="{{podatak.prezime}}" readonly/>
        </div>
        <div class="form-group">
            <label for="username">Username</label>
            <input type="text" class="form-control" id="username"
value="{{podatak.username}}" readonly/>
        </div>`;

        ispis+=`<label for="uloga">Uloga</label>
<select class="form-control ulogaBdl" id="uloga">`;

        let selektovano="";
        for(let podatak2 of podaci){
            if(podatak.id_uloga==podatak2.id_uloga)
                selektovano="selected";
            else
                selektovano="";

            ispis+=`<option ${selektovano}
value="{{podatak2.id_uloga}}">${podatak2.naziv}</option>`;
        }
        ispis+=`</select>`;
        ispis+=`<button type="button" data-
id="{{podatak.id_korisnik}}" class="btn updateKorisnika">Izmeni</button>
</form>`;
        $(".ispis").html(ispis);
    }
    });
});

$(document).on("click", ".updateKorisnika", function(){

    let id=$(this).data("id");
    let uloga=$( '#uloga').val();

    $.ajax({
        url: "models/korisnici/updateKorisnika.php",
        method: "post",
        data:{
            id:id,
            uloga:uloga
        },
        success: function(){
            alert("You have successfully updated the user!");
        }
    });
});

$(document).on("click", ".obrisiKorisnika", function(){

    if(confirm("Do you really want to delete this user?")){
        let id=$(this).data("id");

        $.ajax({
            url: "models/korisnici/deleteKorisnika.php",
            method: "post",
            data:{
                id:id
            }
        });
    }
});

```

```

        },
        success: function(){
            $.ajax({
                url: "models/korisnici/prikaziKorisnike.php",
                method: "post",
                dataType: "json",
                success: function(podaci){
                    ispisiKorisnike(podaci);
                }
            });
        }
    });
});

$(document).on("click", ".obrisiProizvod", function(){

    if(confirm("Do you really want to delete this product?")){
        let id=$(this).data("id");

        $.ajax({
            url: "models/proizvodi/deleteProizvoda.php",
            method: "post",
            data:{
                id:id
            },
            success: function(){
                $.ajax({
                    url: "models/proizvodi/prikazi.php",
                    method: "post",
                    dataType: "json",
                    success: function(podaci){
                        ispisiProizvode(podaci);
                    }
                });
            }
        });
    }
});

$(document).on("keyup", ".trazi", function(){
    dohvatanjePoKriterijumima(1);
});

$(document).on("click", ".radioKategorija", function(){
    dohvatanjePoKriterijumima(1);
});

$(document).on("click", ".radioSort", function(){
    dohvatanjePoKriterijumima(1);
});

$(document).on("click", ".stranicenjeBroj", function (e) {
    e.preventDefault();
    dohvatanjePoKriterijumima($(this).data("id"));
});

$(document).on("click", ".izmeniProizvod", function(){
    let id=$(this).data("id");

    $.ajax({
        url: "models/proizvodi/dohvatiProizvod.php",
        method: "post",
        dataType: "json",
        data:{
            id: id
        },
        success: function(podatak){

```



```

$.ajax({
    url: "models/proizvodi/dohvatiKategorije.php",
    method: "post",
    dataType: "json",
    success: function(podaci){
        let ispisi=`<h2>Izmeni proizvod</h2><form
enctype="multipart/form-data" method="post" onsubmit="return
proveraProizvodIzmena()" action="models/proizvodi/izmenaProizvoda.php">>
        <div class="form-group">
            <label for="nazivPro">Naziv proizvoda</label>
            <input type="text" class="form-control" id="nazivPro"
name="nazivPro" value="{podatak.naziv_proizvoda}" />
        </div>
        <div class="form-group">
            <label for="opisUnos">Opis</label><br/>
            <textarea class="text" name="opisUnos"
id="opisUnos">{podatak.opis}</textarea>
        </div>
        <div class="form-group">
            <label for="beerStoryUnos">Beer story</label><br/>
            <textarea class="text" name="beerStoryUnos"
id="beerStoryUnos">{podatak.beer_story}</textarea>
        </div>
        <div class="form-group">
            <label for="dugme">Slika</label><br/>
            <button type="button" id="dugme"
onclick="document.getElementById('slikaUnos').click()" class="btn btn-info">Dodaj
sliku</button>
            <span id="profilePhotoValue"></span>
            <input type="file" name="slikaUnos" id="slikaUnos"
style="display:none;"
onchange="document.getElementById('profilePhotoValue').innerHTML=this.value;"/>
        </div>
        <div class="form-group">
            <label for="alkoholUnos">Alkohol</label>
            <input type="text" class="form-control" id="alkoholUnos"
name="alkoholUnos" value="{podatak.alkohol}" />
        </div>
        <input type="hidden" value="{podatak.id_proizvod}"
name="updateDeleteId"/>`;

        ispisi+=`<label for="kategorija">Kategorija</label>
<select class="form-control" id="kategorijaIzbor"
name="kategorijaIzbor">`;
        let selektovano="";
        for(let podatak2 of podaci){
            if(podatak.id_kategorija==podatak2.id_kategorija)
                selektovano="selected";
            else
                selektovano="";

            ispisi+=`<option ${selektovano}
value="{podatak2.id_kategorija}">{podatak2.naziv_kategorije}</option>`;
        }
        ispisi+=`</select>`;
        ispisi+=`<button type="submit" name="izmenaProizvodaDugme"
class="btn">Izmeni</button>
        </form>
        <div class="greskeIspis"></div>`;
        $(".ispis").html(ispisi);
        $(".ispis2").html("");
    }
});
});
//rating stars

```

```

    resetujBojeZvezde();
    proizvodKorisnikGlas();

    $('.fa-star').on("click", function () {
        rateId=parseInt($(this).data('id'));
        let idProizvod=$( '.proizvodOcena').val();

        $.ajax({
            url: "models/ocene/insertUpdateOcene.php",
            method: "post",
            data:{
                ocena: rateId,
                idProizvod: idProizvod
            },
            success:function (podaci, status, xhr) {
                switch (xhr.status){
                    case 201:
                        alert("You have successfully voted!");
                        break;
                    case 204:
                        alert("You have successfully updated your vote!");
                        break;
                }
                proizvodKorisnikGlas();
            },
            error: function(){
            }
        })
    })

    $('.fa-star').mouseover(function(){
        resetujBojeZvezde();

        let trenutniId=parseInt($(this).data('id'));

        setujZvezdice(trenutniId);
    });

    $('.fa-star').mouseleave(function(){
        resetujBojeZvezde();

        if(rateId!=-1){
            setujZvezdice(rateId);
        }
    })
});

function setujZvezdice(max){
    for(let i=0; i<=max; i++){
        $('.fa-star:eq('+i+')').css("color", "#df8800");
    }
}

function resetujBojeZvezde(){
    $('.fa-star').css('color', "#212529");
}

function prikazProizvodi(id, kategorija) {
    $.ajax({
        url: "models/stranicenje/dohvatanjeProizvoda.php",
        type: "post",
        data: {
            broj: id,
            kategorija: kategorija
        },
        dataType: "json",
        success: function (podaci) {
            var ispis = "";

```

```

        for (var podatak of podaci) {
            ispisi += `<div class="col-md-4 slikaMalaDiv">
                <a
href="index.php?page=allbeers&proizvod=${podatak.id_proizvod}"></a>
                <p class="nazivPiva">${podatak.naziv_proizvoda}</p>
                <p class="abv">ABV: ${podatak.alkohol} %</p>
                <p class="opisPiva">${podatak.opis}</p>
            </div>`;

            $(".jedanProizvod").html(ispisi);
        }
    },
    error: function (xhr, status, error) {
        alert(xhr.status);
    }
});
});

function prikazAdmin(opcija){
    $.ajax({
        url: "models/"+opcija+"/prikazi.php",
        method: "post",
        dataType: "json",
        success: function(podaci){
            if(opcija=="korisnici"){
                ispisiKorisnike(podaci);
            }
            else if(opcija=="proizvodi"){
                formaZaUnosProizvoda();
                ispisiProizvode(podaci);
            }
            else if(opcija=="ocene"){
                ispisiOcene(podaci);
            }
        }
    });
}

function ispisiKorisnike(podaci){
    let brojac=1;
    let ispisi=`<table class="table table-striped">
        <thead class="tabelaHeader">
            <tr>
                <th scope="col">#</th>
                <th scope="col">Ime</th>
                <th scope="col">Prezime</th>
                <th scope="col">Username</th>
                <th scope="col">Password</th>
                <th scope="col">Email</th>
                <th scope="col">Datum registracije</th>
                <th scope="col">Uloga</th>
                <th scope="col">Izmena</th>
                <th scope="col">Brisanje</th>
            </tr>
        </thead>
        <tbody>`;

    for(let podatak of podaci ){
        let myDate = new Date( podatak.datum_registracije *1000);
        let mytime=myDate.toGMTString();
        ispisi+=`<tr>
            <th scope="row">${brojac}</th>
            <td>${podatak.ime}</td>
            <td>${podatak.prezime}</td>
            <td>${podatak.username}</td>
            <td>${podatak.password}</td>
            <td>${podatak.email}</td>

```

```

        <td>${mytime}</td>
        <td>${podatak.naziv}</td>
        <td><button type="button" class="btn izmeniKorisnika" data-
id="${podatak.id_korisnik}">Izmeni</button></td>
        <td><button type="button" class="btn obrisiKorisnika" data-
id="${podatak.id_korisnik}">Obriši</button></td>
    </tr>`;
    brojac++;
}
ispis+=`</tbody></table>`;
$(".ispis").html(ispis);
$(".ispis2").html("");
}

function ispisiProizvode(podaci) {
    let brojac=1;
    let ispis=`<table class="table table-striped">
        <thead class="tabelaHeader">
            <tr>
                <th scope="col">#</th>
                <th scope="col">Naziv</th>
                <th scope="col">Opis</th>
                <th scope="col">Beer Story</th>
                <th scope="col">Slika</th>
                <th scope="col">Alkohol</th>
                <th scope="col">Kategorija</th>
                <th scope="col">Izmena</th>
                <th scope="col">Brisanje</th>
            </tr>
        </thead>
        <tbody>`;
    for(let podatak of podaci ){
        ispis+=`<tr>
            <th scope="row">${brojac}</th>
            <td>${podatak.naziv_proizvoda}</td>
            <td>${podatak.opis}</td>
            <td>${podatak.beer_story}</td>
            <td></td>
            <td>${podatak.alkohol}</td>
            <td>${podatak.naziv_kategorije}</td>
            <td><button type="button" class="btn izmeniProizvod" data-
id="${podatak.id_proizvod}">Izmeni</button></td>
            <td><button type="button" class="btn obrisiProizvod" data-
id="${podatak.id_proizvod}">Obriši</button></td>
        </tr>`;
        brojac++;
    }
    ispis+=`</tbody></table>`;
    $(".ispis2").html(ispis);
}

function ispisiOcene(podaci){
    let brojac=1;
    let ispis=`<table class="table table-striped">
        <thead class="tabelaHeader">
            <tr>
                <th scope="col">#</th>
                <th scope="col">Ime i prezime</th>
                <th scope="col">Username</th>
                <th scope="col">Proizvod</th>
                <th scope="col">Slika</th>
                <th scope="col">Ocena</th>
            </tr>
        </thead>
        <tbody>`;
    for(let podatak of podaci ){
        ispis+=`<tr>

```

```

        <th scope="row">${brojac}</th>
        <td>${podatak.ime} ${podatak.prezime}</td>
        <td>${podatak.username}</td>
        <td>${podatak.naziv_proizvoda}</td>
        <td></td>
        <td>${podatak.ocena}</td>
    </tr>`;
    brojac++;
}
ispis+=`</tbody></table>`;
$(".ispis").html(ispis);
$(".ispis2").html("");
}

function formaZaUnosProizvoda(){
$.ajax({
    url: "models/proizvodi/dohvatiKategorije.php",
    method: "post",
    dataType: "json",
    success: function(podaci){
        let ispis=`<h2>Unesi proizvod</h2><form enctype="multipart/form-data"
method="post" onsubmit="return proveraProizvod()"
action="models/proizvodi/unosProizvoda.php">
        <div class="form-group">
            <label for="nazivPro">Naziv proizvoda</label>
            <input type="text" class="form-control" id="nazivPro"
name="nazivPro"/>
        </div>
        <div class="form-group">
            <label for="opisUnos">Opis</label><br/>
            <textarea class='text' name='opisUnos'
id='opisUnos'></textarea>
        </div>
        <div class="form-group">
            <label for="beerStoryUnos">Beer story</label><br/>
            <textarea class='text' name='beerStoryUnos'
id='beerStoryUnos'></textarea>
        </div>
        <div class="form-group">
            <label for="dugme">Slika</label><br/>
            <button type="button" id="dugme"
onclick="document.getElementById('slikaUnos').click()" class="btn btn-info">Dodaj
sliku</button>
            <span id="profilePhotoValue"></span>
            <input type="file" name="slikaUnos" id="slikaUnos"
style="display:none;"
onchange="document.getElementById('profilePhotoValue').innerHTML=this.value;"/>
        </div>
        <div class="form-group">
            <label for="alkoholUnos">Alkohol</label>
            <input type="text" class="form-control" id="alkoholUnos"
name="alkoholUnos"/>
        </div>
        <div class="form-group">
            <label for="kategorijaIzbor">Kategorija</label>
            <select class="form-control" id="kategorijaIzbor"
name="kategorijaIzbor"><option selected>Izaberite...</option>`;
            for(let podatak of podaci){
                ispis+=`<option
value=${podatak.id_kategorija}>${podatak.naziv_kategorije}</option>`;
            }
            ispis+=`</select>
        </div>`;
        ispis+=`<button type="submit" name="unosProizvodaDugme"
class="btn">Unesi proizvod</button>
        </form>

```

```

<div class="greskeIspis"></div>`;
        $(".ispis").html(ispis);
    }
})
}

function proveraProizvod(){
    let naziv = $("#nazivPro").val();
    let opis = $("#opisUnos").val();
    let beerStory=$("#beerStoryUnos").val();
    let alkohol=$("#alkoholUnos").val();
    let kategorija=$("#kategorijaIzbor option:selected").val();
    let slika=$("#slikaUnos").val();

    let nizGreske=[];

    let regAlkohol=/^([1-9][0-9]?)(\.\d)?$/;

    if(naziv.length==0 || naziv.length>50){
        nizGreske.push("Morate upisati naziv i on ne sme biti veći od 50 karaktera.");
    }
    if(opis.length==0){
        nizGreske.push("Morate upisati opis.");
    }
    if(beerStory.length==0){
        nizGreske.push("Morate upisati beer story.");
    }
    if(!regAlkohol.test(alkohol)){
        nizGreske.push("Vrednost u polje alkohol morate uneti kao ceo broj ili kao decimalan broj sa jednim mestom nakon tačke! Primer: 5 ili 5.3");
    }
    if(kategorija=="Izaberite..."){
        nizGreske.push("Morate izabrati kategoriju");
    }
    if(!slika){
        nizGreske.push("Morate izabrati sliku.");
    }
    if(nizGreske.length!=0){
        let ispis="<ul>";
        for(let greska of nizGreske){
            ispis+="

```

```

    }
    if(opis.length==0){
        nizGreske.push("Morate upisati opis.");
    }
    if(beerStory.length==0){
        nizGreske.push("Morate upisati beer story.");
    }
    if(!regAlkohol.test(alkohol)){
        nizGreske.push("Vrednost u polje alkohol morate uneti kao ceo broj ili kao decimalan broj sa jednim mestom nakon tačke! Primer: 5 ili 5.3");
    }
    if(kategorija=="Izaberite..."){
        nizGreske.push("Morate izabrati kategoriju");
    }
    if(nizGreske.length!=0){
        let ispispis="<ul>";
        for(let greska of nizGreske){
            ispispis+="- " + greska + "</li>";
        }
        ispispis+="

```

```

    let proizvodi = podaci.proizvodi;

    let ispisStranica = "";

    if(proizvodi.length){
        for(let proizvod of proizvodi){
            ispis+=`<div class="col-md-4 slikaMalaDiv">
                <a
href="index.php?page=allbeers&proizvod=${proizvod.id_proizvod}"></a>
                <p class="nazivPiva">${proizvod.naziv_proizvoda}</p>
                <p class="abv">ABV: ${proizvod.alkohol} %</p>
                <p class="opisPiva">${proizvod.opis}</p>
            </div>`;
        }

        let brojProizvoda=podaci.broj;
        let brojStrana =Math.ceil(brojProizvoda/3);

        for (let i = 0; i < brojStrana; i++) {
            let index = i + 1;
            ispisStranica += `<li class="page-item">
                <a id="${i}" data-id="${index}" class="page-link
stranicenjeBroj" href="#"${index}</a>
            </li>`;
        }
        if(brojStrana == 1){
            ispisStranica= "";
        }
    }

    else {
        ispis2 = "<h2>Sorry, your search did not match any products. Please try
again.</h2>";
    }

    $(".jedanProizvod").html(ispis);
    $(".nema").html(ispis2);
    $(".pagination").html(ispisStranica);
}

function proizvodKorisnikGlas(){
    let idProizvod=$('#.proizvodOcena').val();

    $.ajax({
        url: "models/ocene/dohvatiOcenuZaProizvod.php",
        method: "post",
        dataType: "json",
        data:{
            idProizvod: idProizvod
        },
        success:function(podaci){
            let podatak=podaci.podatak;
            let prosek=podaci.prosek;
            console.log(prosek);

            setujZvezdice(podatak.ocena-1);

            let ispis="AVERAGE RATING: "+prosek.prosek.substr(0, 3)+"/5";
            $(".prosek").html(ispis);
        }
    })
}

function proveriTme() {

```



```

    let ime = document.getElementById("ime").value;
    let regImePrezime = /^[A-ZŠĐČĆŽ][a-zšđćčž]{2,25}(\s[A-ZŠĐČĆŽ][a-zšđćčž]{2,25})*/$/;
    if (!regImePrezime.test(ime)) {
        document.getElementById("ime").style.border = "2px solid black";
        document.getElementById("ime").style.borderRadius = "initial";
        $("#ime")
            .next(".regularniFalse")
            .css("display", "block");
    } else {
        document.getElementById("ime").style.border = "2px solid #8b2219";
        document.getElementById("ime").style.borderRadius = "10px";
        $("#ime")
            .next(".regularniFalse")
            .css("display", "none");
    }
    if (ime == "") {
        document.getElementById("ime").style.borderColor = "initial";
        document.getElementById("ime").style.border = "1px solid #ced4da";
        document.getElementById("ime").style.borderRadius = ".25rem";
        $("#ime")
            .next(".regularniFalse")
            .css("display", "none");
    }
}

function proveriParamPrezime() {
    let prezime = document.getElementById("prezime").value;
    let regImePrezime = /^[A-ZŠĐČĆŽ][a-zšđćčž]{2,25}(\s[A-ZŠĐČĆŽ][a-zšđćčž]{2,25})*/$/;
    if (!regImePrezime.test(prezime)) {
        document.getElementById("prezime").style.border = "2px solid black";
        document.getElementById("prezime").style.borderRadius = "initial";
        $("#prezime")
            .next(".regularniFalse")
            .css("display", "block");
    } else {
        document.getElementById("prezime").style.border = "2px solid #8b2219";
        document.getElementById("prezime").style.borderRadius = "10px";
        $("#prezime")
            .next(".regularniFalse")
            .css("display", "none");
    }
    if (prezime == "") {
        document.getElementById("prezime").style.borderColor = "initial";
        document.getElementById("prezime").style.border = "1px solid #ced4da";
        document.getElementById("prezime").style.borderRadius = ".25rem";
        $("#prezime")
            .next(".regularniFalse")
            .css("display", "none");
    }
}

function proveriParamUsername() {
    let username = document.getElementById("username").value;
    let regUsername = /^[A-z0-9]{5,}*/$/;
    if (!regUsername.test(username)) {
        document.getElementById("username").style.border = "2px solid black";
        document.getElementById("username").style.borderRadius = "initial";
        $("#username")
            .next(".regularniFalse")
            .css("display", "block");
    } else {
        document.getElementById("username").style.border = "2px solid #8b2219";
        document.getElementById("username").style.borderRadius = "10px";
        $("#username")
            .next(".regularniFalse")
            .css("display", "none");
    }
}

```

```

    }
    if (username == "") {
        document.getElementById("username").style.borderColor = "initial";
        document.getElementById("username").style.border = "1px solid #ced4da";
        document.getElementById("username").style.borderRadius = ".25rem";
        $("#username")
            .next(".regularniFalse")
            .css("display", "none");
    }
}

function proveriParametro() {
    let password = document.getElementById("password").value;
    let regPassword = /^[A-z0-9]{5,}$/;
    if (!regPassword.test(password)) {
        document.getElementById("password").style.border = "2px solid black";
        document.getElementById("password").style.borderRadius = "initial";
        $("#password")
            .next(".regularniFalse")
            .css("display", "block");
    } else {
        document.getElementById("password").style.border = "2px solid #8b2219";
        document.getElementById("password").style.borderRadius = "10px";
        $("#password")
            .next(".regularniFalse")
            .css("display", "none");
    }
    if (password == "") {
        document.getElementById("password").style.borderColor = "initial";
        document.getElementById("password").style.border = "1px solid #ced4da";
        document.getElementById("password").style.borderRadius = ".25rem";
        $("#password")
            .next(".regularniFalse")
            .css("display", "none");
    }
}

function proveriParametro() {
    let email = document.getElementById("email").value;
    let regEmail =
    /^(?!(\^<>()\[\]\.\,;:\s@"]+(\.(\^<>()\[\]\.\,;:\s@"]+)*|("(.\+"))@((\[[0-9]{1,3}\.([0-9]{1,3}\.([0-9]{1,3}\.([0-9]{1,3})|((([a-zA-Z0-9]+\.)+[a-zA-Z]{2,}))$)/;
    if (!regEmail.test(email)) {
        document.getElementById("email").style.border = "2px solid black";
        document.getElementById("email").style.borderRadius = "initial";
        $("#email")
            .next(".regularniFalse")
            .css("display", "block");
    } else {
        document.getElementById("email").style.border = "2px solid #8b2219";
        document.getElementById("email").style.borderRadius = "10px";
        $("#email")
            .next(".regularniFalse")
            .css("display", "none");
    }
    if (email == "") {
        document.getElementById("email").style.borderColor = "initial";
        document.getElementById("email").style.border = "1px solid #ced4da";
        document.getElementById("email").style.borderRadius = ".25rem";
        $("#email")
            .next(".regularniFalse")
            .css("display", "none");
    }
}

```

