

Odsek Visoka ICT škola,
Akademija tehničko-umetničkih strukovnih studija
Beograd

Dokumentacija

PC Center

<https://pc-center-store.000webhostapp.com/>

Smer: Internet tehnologije

Modul: Web programiranje 2

Predmet: Praktikum iz web programiranja PHP

Dorđe Solomun 16/19

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1. Uvod

1.1 Korišćene tehnologije

- HTML 5
- CSS 3
- JavaScript
- PHP
- jQuery
- Bootstrap v4.5
- Font Awesome
- XAMPP(Apache,MySQL)

Kucano u Visual Studio Code.

Sajt hostovan na 000webhost.

1.2 Opis funkcionalnosti

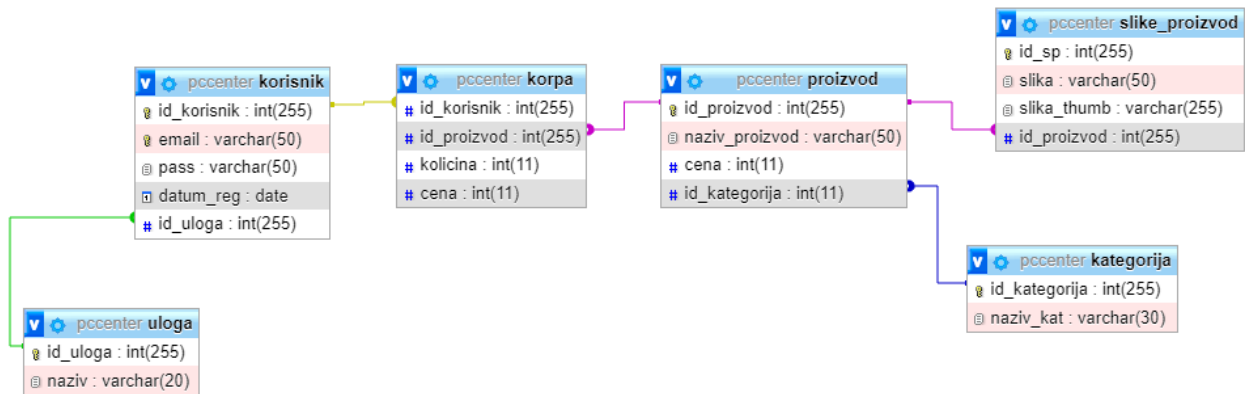
- Sajt je responsive i prilagođen prikazu na svim ekranima.
- Navigacioni meni je responsive, na manjim rezolucijama se prikazuje hamburger ikonica na koju se klikne da bi se meni proširio. Realizovano bootstrapom.
- Prodavnica sa proizvodima koji se dinamički ispisuju iz baze, dohvaćeni AJAX-om i ispisani JavaScript-om.
- Elementi za filtriranje po kategoriji dinamički ispisani sa podacima iz baze.
- Sortiranje, filtriranje i pretraga proizvoda urađeni sa serverske strane, vraćeni AJAX-om i ispisani JavaScript-om.
- Registracija korisnika, validacija forme urađena JavaScript-om.
- Login korisnika.
- Dodavanje proizvoda u korpu za ulogovane korisnike.
- Korpa dinamički ispisana iz baze, mogućnost smanjivanja i povećavanja količine, shodno tome menja se i cena tog proizvoda i ukupna cena svih proizvoda u korpi.
- Upisivanje logovanja korisnika u user-log fajl.
- Upisivanje poseta stranicama u page-log fajl
- Admin panel sa statistikom o posetama, dodavanje i menjanje proizvoda i korisnika.
- Admin stranicama može da se pristupi samo ako je ulogovan admin, u suprotnom dolazi do redirekcije. Do redirekcije dolazi i ako pokuša da se pristupi stranici korpa a niko nije ulogovan.
- Eksportovanje kategorija u vidu Excel fajla, na stranici o autoru.
- Eksportovanje informacija o autoru u vidu Word fajla, na stranici o autoru.

1.3 Template

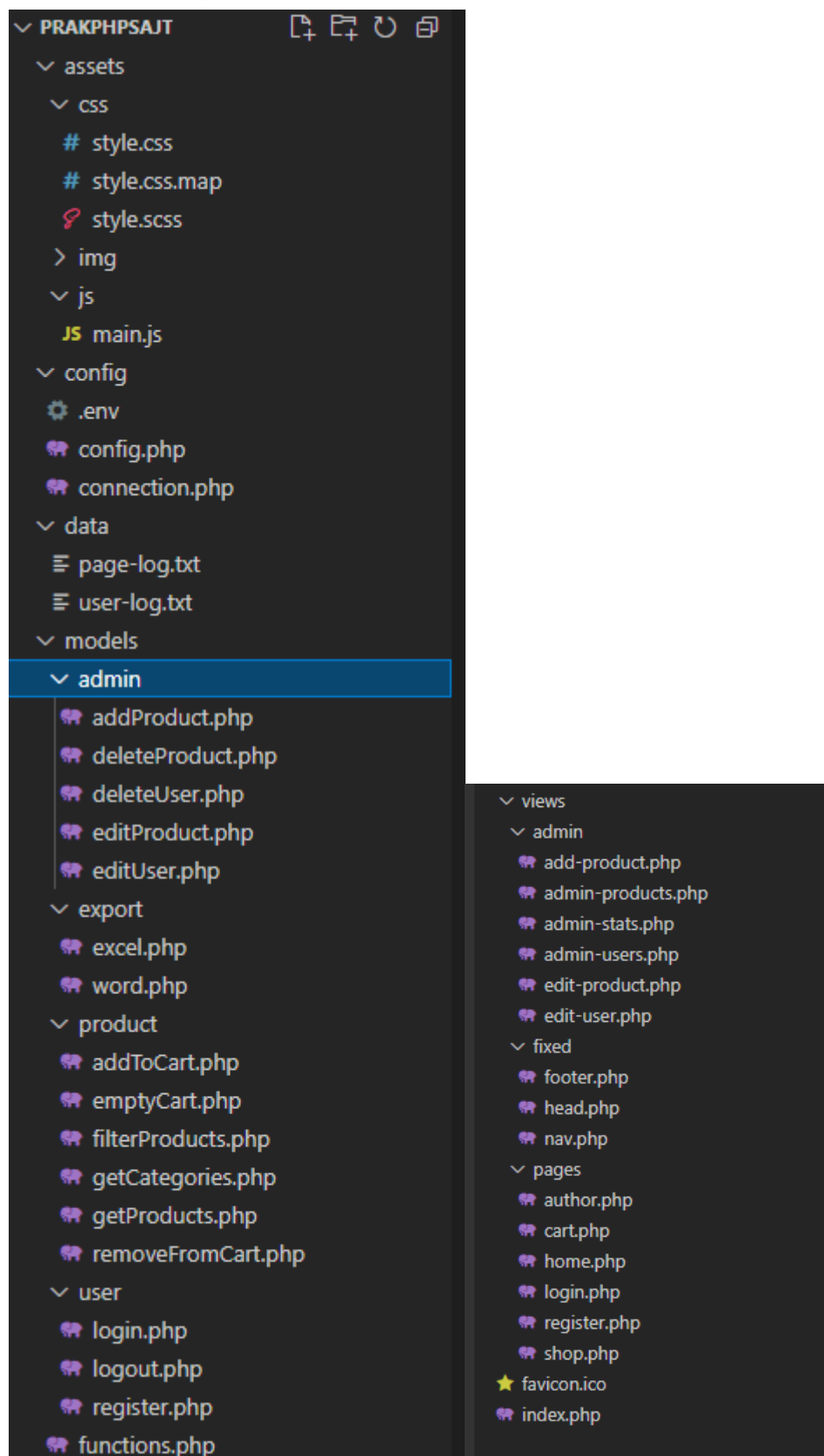
Nije korišćen gotov template. Iskorišćen je projekat za drugi predmet prilagođen potrebama ovog predmeta.

2. Organizacija

2.1 Dizajn baze podataka



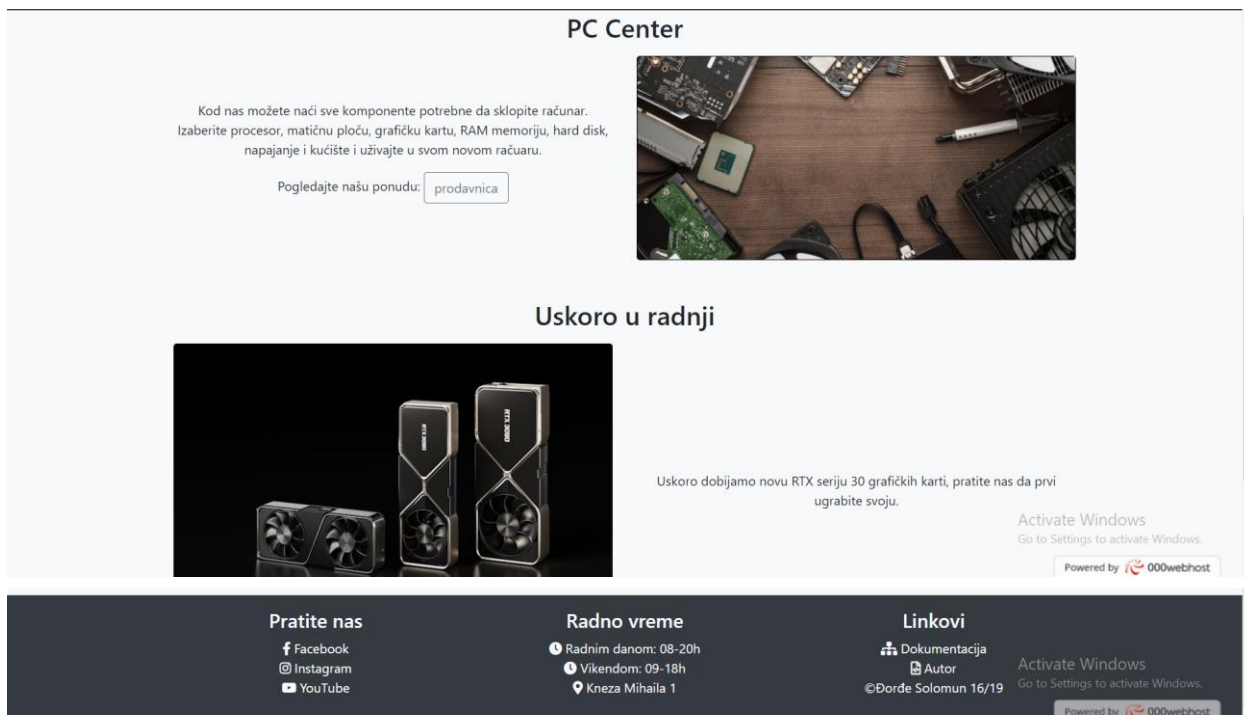
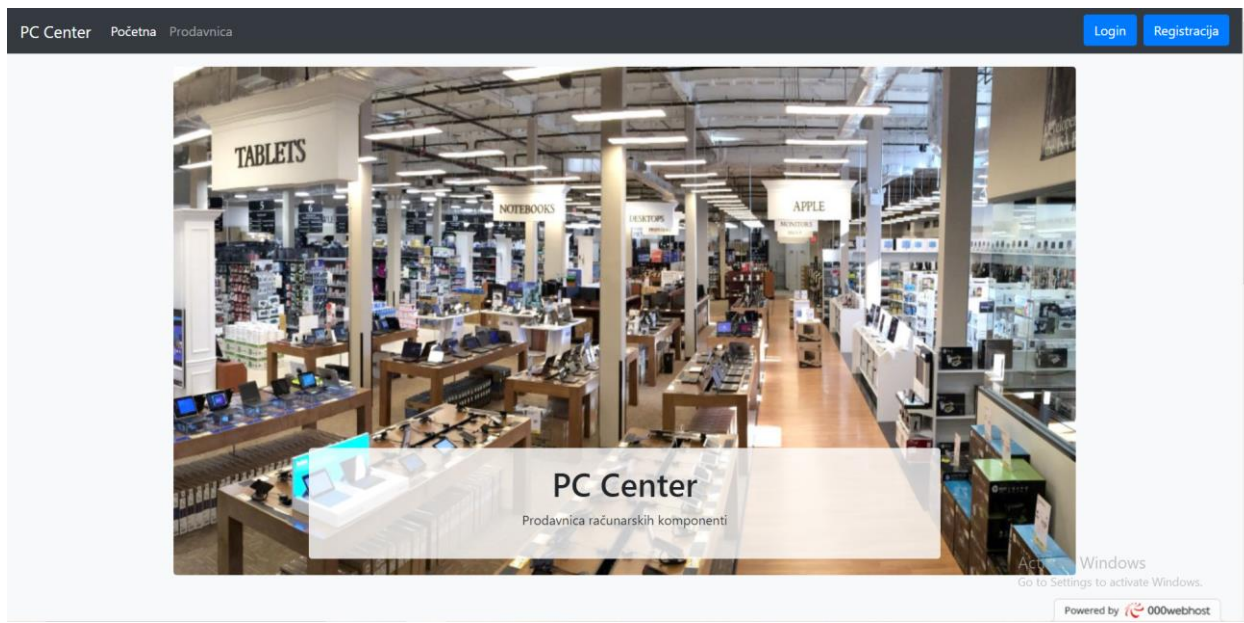
2.2 Struktura projekta



2.3 Slike stranica i opis funkcionalnosti

2.3.1 Početna

Na ovoj stranici nema posebnih funkcionalnosti, navigacioni meni se, kao i na ostalim stranicama, menja na osnovu toga da li je ulogovan korisnik ili admin. Pored dugmeta za odjavljivanje piše email trenutno ulogovanog korisnika. Link u navigacionom meniju postaje aktivan u zavisnosti od toga na kojoj stranici se korisnik nalazi. Ovo je prikaz kada niko nije ulogovan.




2.3.2 Prodavnica

Inicijalni prikaz proizvoda iz baze, dohvaćeni su AJAX-om. Sa strane su opcije za filtriranje, sortiranje i pretragu koji se vrše na serverskoj strani, vraćaju proizvode AJAX-om i ispisuju se. Ispisuje se broj dohvaćenih proizvoda.

PC Center
Početna
Prodavnica
Login
Registracija

Sortirajte po ceni:
Rastuće
Pretraži
Kategorije:
☐ Procesori
☐ Grafičke karte
☐ Matične ploče
☐ Napajanja
☐ Hard diskovi
☐ Kućišta
☐ RAM memorija

Proizvodi (18)




INTEL Pentium Gold G6400 4.00GHz

Kategorija: Procesori

Cena: 8499,00 RSD

[Dodaj u korpu](#)




INTEL Core i3-10100F 3.6GHz

Kategorija: Procesori

Cena: 12999,00 RSD

[Dodaj u korpu](#)



AMD Ryzen 5 1600 3.2GHz

Kategorija: Procesori

Cena: 16999,00 RSD

[Dodaj u korpu](#)

Ukoliko nema proizvoda koji odgovaraju pretrazi ispisuje se adekvatna poruka.

Moguće je dodavanje u korpu samo ako je korisnik ulogovan i ako nije ulogovan admin, ispisuje se poruka o uspešnom dodavanju. U slučaju da niko nije ulogovan ili da je ulogovan admin ispisuje se adekvatna poruka. Poruka sama nestaje nakon 3 sekunde.

2.3.3 Login

Stranica sa formom za logovanje. Ako se prosledi prazan mejl, prazna lozinka ili kombinacija mejla i lozinke koji ne postoje u bazi ispisuju se adekvatne poruke o grešci. Ove provere urađene su na serverskoj strani. U slučaju uspešnog logovanja korisnik se vraća na početnu stranicu, a admin na stranicu sa statistikom.

PC Center
Početna
Prodavnica
Login
Registracija

Login

Email

Lozinka

[Login](#)

Pratite nas
Facebook
Instagram

Radno vreme
Radnim danom: 08-20h
Vikendom: 09-18h

Linkovi
Dokumentacija
Autor

Activate Windows
Go to Settings to activate Windows.
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2.3.4 Registracija

Stranica sa formom za registraciju, forma je validirana JavaScript-om, ukoliko email nije u pravilnoj formi ili je prazan ili je lozinka kraća od 7 karaktera ispisuju se adekvatne greške i forma neće biti prosleđena. Ukoliko je email već u upotrebi korisnik se obaveštava o tome. Ako su svi podaci u redu forma je prosleđena i ako je upis novog korisnika u bazu uspešan ispisuje se poruka o tome i da korisnik pređe na login stranicu da se uloguje.

PC Center
Početna
Prodavnica
Login
Registracija

Registracija

Email

Lozinka

Registrirajte se

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Facebook
Instagram

Radno vreme

Radnim danom: 08-20h
Vikendom: 09-18h

Linkovi

Dokumentacija
Autor

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2.3.5 Autor

Na ovoj stranici se nalaze osnovne informacije o autoru, dugme za export podataka o autoru u Word fajl i dugme za export podataka o kategorijama u Excel fajl. Nema drugih funkcionalnosti.

PC Center
Početna
Prodavnica
Login
Registracija

Informacije o autoru



Đorđe Solomun 16/19

Student sam druge godine na Visokoj ICT školi, smer internet tehnologije modul web programiranje. Ovaj sajt je predispitna obaveza za predmet praktikum iz web programiranja PHP.

Ako imate pitanje javite mi se putem mejla: djordje.solomun.16.19@ict.edu.rs

Pogledajte moj [portfolio](#)

Export u Word
Export u Excel

Pratite nas

Facebook

Radno vreme

Radnim danom: 08-20h

Linkovi

Dokumentacija

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2.3.6 Statistika

Prikaz posećenosti stranica u poslednja 24h u procentima. Prikaz koji korisnici su se logovali u poslednja 24h.

PC Center

Početna

Prodavnica

Statistika

Proizvodi

Korisnici

admin@gmail.com

Odjavite se

Statistika o posetama

Posećenost stranica u poslednja 24h

home.php	41%
shop.php	16%
login.php	21%
register.php	7%
author.php	13%
cart.php	2%

Korisnici u poslednja 24h

30.08.2021.	admin@gmail.com
30.08.2021.	laza@gmail.com
30.08.2021.	laza@gmail.com
30.08.2021.	admin@gmail.com
30.08.2021.	laza@gmail.com
30.08.2021.	admin@gmail.com
30.08.2021.	lazica@gmail.com
30.08.2021.	admin@gmail.com
30.08.2021.	pera@gmail.com
30.08.2021.	admin@gmail.com
30.08.2021.	pera@gmail.com
30.08.2021.	admin@gmail.com
30.08.2021.	pera@gmail.com
30.08.2021.	admin@gmail.com
30.08.2021.	pera@gmail.com

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2.3.7 Korpa

2.3.8 Admin proizvodi

Prikaz svih proizvoda i njihovih informacija. Ovde se prikazuje umanjena thumbnail slika proizvoda. Link koji vodi na stranicu za dodavanje novog proizvoda. Link koji vodi na stranicu za izmenu određenog proizvoda. Link za brisanje određenog proizvoda. Ako dođe do greške prilikom brisanja biće ispisana poruka, takođe se ispisuju poruke ako se proizvod uspešno doda ili izmeni.

PC Center

Početna

Prodavnica

Statistika







Proizvodi

Korisnici


admin@gmail.com

Odjavite se

Dodaj novi proizvod

RB	Slika	Naziv	Cena	Kategorija	Slika fajl	Thumb fajl	Izmeni	Obrisi
1		INTEL Pentium Gold G6400 4.00GHz	8499,00 RSD	Procesori	intelg6400.png	thumb_intelg6400.png	Izmeni	Obrisi
2		INTEL Core i3-10100F 3.6GHz	12999,00 RSD	Procesori	intel10100.png	thumb_intel10100.png	Izmeni	Obrisi
3		AMD Ryzen 5 1600 3.2GHz	16999,00 RSD	Procesori	ryzen1600.png	thumb_ryzen1600.png	Izmeni	Obrisi
4		AMD RYZEN 3 3100 3.6GHz	18999,00 RSD	Procesori	ryzen3100.png	thumb_ryzen3100.png	Izmeni	Obrisi
5		Asus PH-RX 550 2G-EVO	10285,00 RSD	Grafičke karte	rx550.png	thumb_rx550.png	Izmeni	Obrisi
6		Asus AREZ-DUAL-RX 580 OBG	24445,00 RSD	Grafičke karte	rx580.png	thumb_rx580.png	Izmeni	Obrisi

Activate Windows
Go to Settings to activate Windows.

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2.3.9 Izmena proizvoda

Forma za izmenu proizvoda, polja za ime, cenu i kategoriju su već popunjena podacima o prosleđenom proizvodu. Ispis adekvatne poruke o grešci ako se prosledi prazno ime, cena koja je 0, prazna ili tekst, ako se prosledi slika koja nije jpg,jpeg ili png, ako je slika veća od 3MB. Slika ne mora da se prosledi da bi se izvršila promena. Ako se slika prosledi biće napravljena i umanjena verzija slike, obe će se sačuvati na serveru i upisati u bazu. Ako je izmena uspešna redirekcija na admin stranu za pregled proizvoda uz poruku da je proizvod izmenjen.

The screenshot shows the 'Izmena proizvoda' (Edit Product) form. The header includes 'PC Center' and navigation links: 'Početna', 'Prodavnica', 'Statistika', 'Proizvodi', 'Korisnici'. The user is logged in as 'admin@gmail.com' with an 'Odjavite se' (Logout) button. The form fields are: 'Ime proizvoda' (Product Name) with the value 'INTEL Pentium Gold G6400 4.00GHz', 'Cena' (Price) with the value '8499', 'Slika' (Image) with a 'Choose File' button and 'No file chosen' text, and 'Kategorija' (Category) with a dropdown menu showing 'Procesori'. A blue 'Izmeni' (Edit) button is at the bottom. The footer contains 'Pratite nas', 'Radno vreme', 'Linkovi', and 'Powered by 000webhost'.

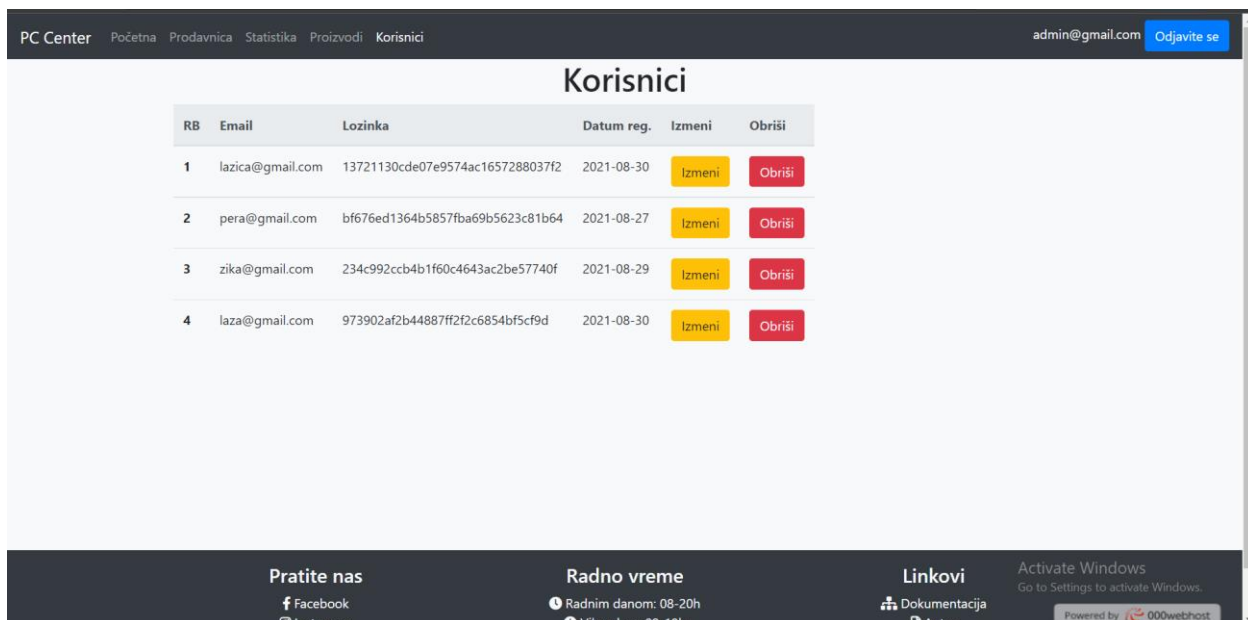
2.3.10 Dodavanje proizvoda

Stranica sa formom za dodavanje proizvoda. Sva polja su obavezna, cena ne sme biti 0, prazna ili tekst, slika ne sme biti veća od 3MB i ekstenzija mora biti jpg,jpeg ili png. Ispis adekvatnih poruka u slučaju greške ili ako se pošalju neispravni podaci. U slučaju uspešnog dodavanja pravi se umanjena verzija slike, obe se čuvaju na serveru i upisuju u bazu. Ako je upisivanje u bazu uspešno redirekcija na admin pregled proizvoda uz poruku o uspešnom dodavanju.

The screenshot shows the 'Dodavanje novog proizvoda' (Add New Product) form. The header is identical to the previous screenshot. The form fields are: 'Ime proizvoda' (Product Name) with an empty text input, 'Cena' (Price) with an empty text input, 'Slika' (Image) with a 'Choose File' button and 'No file chosen' text, and 'Kategorija' (Category) with a dropdown menu showing 'Izaberite'. A blue 'Dodaj' (Add) button is at the bottom. The footer is identical to the previous screenshot.

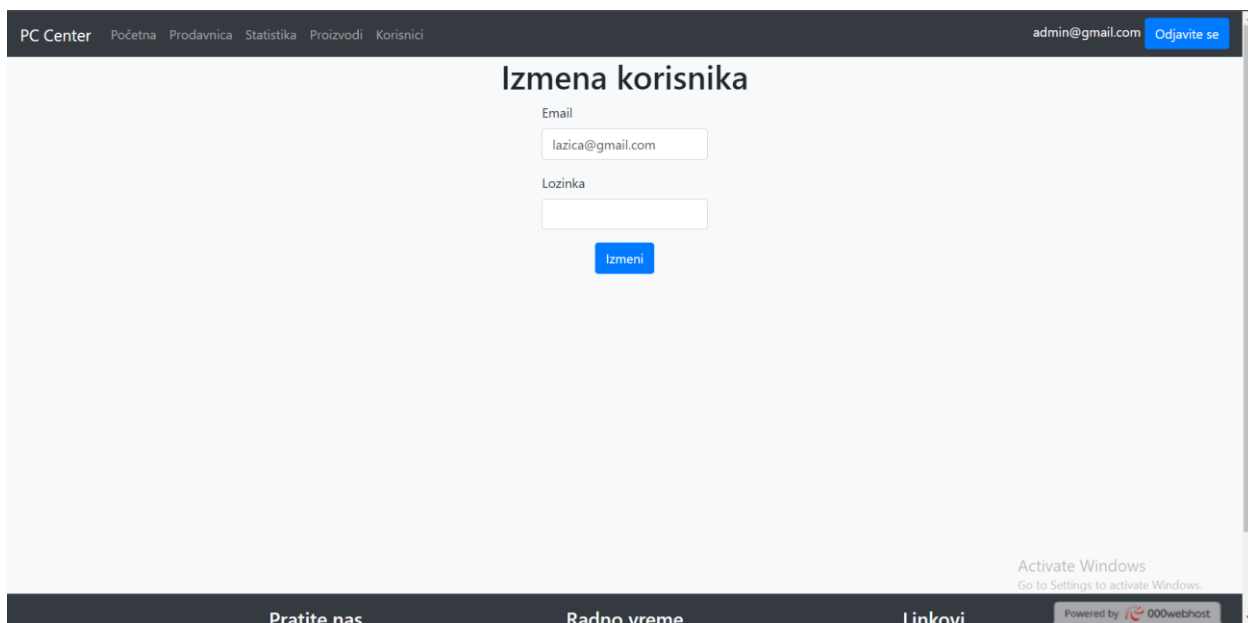
2.3.11 Admin korisnici

Prikaz svih korisnika i njihovih podataka. Link za izmenu određenog korisnika, link za brisanje određenog korisnika. U slučaju uspešnog brisanja ili izmene ispisuje se poruka o tome, isto tako u slučaju greške pri brisanju ili izmeni ispisuje se poruka.



2.3.12 Izmena korisnika

Stranica sa formom za izmenu korisnika, email je već popunjen email-om prosleđenog korisnika. Važe ista pravila kao prilikom registracije email mora biti u ispravnoj formi i lozinka mora imati bar 7 karaktera. Ispis adekvatne poruke u slučaju greške. Ako je izmena uspešna redirekcija na admin prikaz korisnika.



3. Kodovi

3.1 CSS

3.1.1 style.scss

```
*{
  padding:0;
  margin:0;
}
.carousel-caption{
```

```

        background-color: rgba(255,255,255,0.8);
    }
    .card{
        border:0px solid black!important;
        background-color: transparent;
        width: inherit!important;
        &:hover{
            box-shadow: 0px 0px 7px #778899;
            transition:0.5s;
        }
    }
    ul{
        list-style-type: none;
    }
    footer p{
        margin-bottom: 0rem!important;
    }
    footer ul li a{
        color:#fff;
        &:hover{
            color:#fff;
        }
    }
}

.prostor{
    min-height: 80vh;
}

```

3.2 JavaScript

3.2.1 main.js

```

$(document).ready(function(){
    activeNav();
    $.ajax({
        url:"models/product/getCategories.php",
        method:"get",
        dataType:"json",
        success:function(data){
            ispiskategorija(data);
        },
        error:function(xhr){
            console.error(xhr.responseText);
        }
    })
    $.ajax({
        url:"models/product/getProducts.php",
        method:"get",
        dataType:"json",
        success:function(data){
            ispisProizvoda(data);
        },
        error:function(xhr){

```

```

        console.error(xhr.responseText);
    }
})

$(document).on("click",".addToCart",addToCart);

$(document).on("change",".category",filterProizvoda);
$("#search").keyup(filterProizvoda);
$("#sort").on("change",filterProizvoda);

})

function ispisProizvoda(proizvodi){
    let html = "";
    $('#count').html("Proizvodi (" +proizvodi.length+")");
    if(proizvodi.length>0){
        for(proizvod of proizvodi){
            html+=`<div class="col-12 col-sm-6 col-md-4 mt-2">
                <div class="card">
                    
                    <div class="card-body">
                        <h5 class="card-title">${proizvod.p_naziv}</h5><hr/>
                        <p class="card-text m-0">Kategorija: ${proizvod.k_naziv}</p><hr/>
                        <p class="card-text font-weight-bold m-0">Cena: ${proizvod.cena},00 RSD</p>
                        <a href="#" class="btn btn-primary mt-
2 addToCart" id=${proizvod.id}>Dodaj u korpu</a>
                        <p></p>
                    </div>
                </div>
            </div>`
        }
    }
    else{
        html=`<div class="container m-5 alert alert-
danger"><p>Nema proizvoda koji odgovaraju vašoj pretrazi.</p></div>`
    }
    $('#products').html(html);
}

function ispisKategorija(kategorije){
    let html="";
    for(let kat of kategorije){
        html+=`<li class="list-group-item">
            <input type="checkbox" value="${kat.id_kategorija}" class="category" name="categorie
s"/> ${kat.naziv_kat}
        </li>`
    }
    $('#categories').html(html);
}

```

```

function addToCart(){
    let id=this.id;
    let obj = $(this).next();

    $.ajax({
        url:"models/product/addToCart.php?id="+id,
        method:"get",
        success: function(response){
            poruka(obj,response);
        },
        error: function(xhr){
            console.error(xhr.responseText);
        }
    })
}

function filterProizvoda(){
    let searchVal = $("#search").val().toLowerCase();
    let sortVal = $("#sort").val();
    let izabraneKat=[];
    $('.category:checked').each(function(el){
        izabraneKat.push(parseInt($(this).val()));
    })
    $.ajax({
        url:"models/product/filterProducts.php",
        method:"post",
        dataType:"json",
        data:{
            catArr:JSON.stringify(izabraneKat),
            search:searchVal,
            sort:sortVal
        },
        success:function(response){
            ispisProizvoda(response);
        },
        error:function(xhr){
            console.log("greska");
        }
    })
}

//Dodavanje active klase nav linku u zavisnosti od stranice
function activeNav(){
    $page = document.URL.split("page=")[1];
    switch($page){
        case 'shop':
            $('.nav-link:contains("Prodavnica")').addClass('active');
            break;
        case 'cart':
            $('.nav-link:contains("Korpa")').addClass('active');
            break;
    }
}

```

```

        case 'adminStats':
            $('.nav-link:contains("Statistika")').addClass('active');
            break;
        case 'adminProducts':
            $('.nav-link:contains("Proizvodi")').addClass('active');
            break;
        case 'adminUsers':
            $('.nav-link:contains("Korisnici")').addClass('active');
            break;
        case undefined:
            $('.nav-link:contains("Početna")').addClass('active');
            break;
    }
}

//Funkcija za ispis poruke da je proizvod dodat u korpu
function poruka(polje,tekst){
    switch(tekst){
        case 'success':
            polje.html("<i class='fas fa-check'></i>Uspešno dodato").addClass("text-success");
            break;
        case 'admin':
            polje.html("<i class='fas fa-
times'></i>Admin ne može da dodaje u korpu.").addClass("text-danger");
            break;
        case 'login':
            polje.html("<i class='fas fa-times'></i></i>Morate biti ulogovani.").addClass("text-
danger");
            break;
        case 'else':
            polje.html("<i class='fas fa-times'></i></i>Nepredviđena greška.").addClass("text-
danger");
            break;
    }
    setTimeout(function(){polje.html("");},3000);
    clearTimeout();
}

//Funkcije za obradu forme
function ukloniGreske(){
    $('.greska').hide();
    $('.uspeh').hide();
}
function greskaForme(elementForme,poruka){
    $(elementForme).next().text(poruka).fadeIn();
}
var izrazMejl = /^[a-z]{3,15}(([\.]?[-]?[_]?[a-z]{3,20})*([\d]{1,3})*)@([a-
z]{3,20})(\.[a-z]{2,3})+$/;

$(document.regForm).on("submit",function(event){
    event.preventDefault();
    ukloniGreske();
    let forma=document.regForm;

```



```

let greska=false;

if(!izrazMejl.test(forma.tbEmail.value)){
    greskaForme(forma.tbEmail, "Unesite email u pravilnoj formi(primer: vaseime@gmail.com).")
    greska = true;
}

if(forma.tbPass.value.length < 7) {
    greskaForme(forma.tbPass, "Lozinka mora imati bar 7 karaktera.");
    greska = true;
}

if(!greska){
    $('#btnReg').attr('type','hidden');
    forma.submit();
}
})

$(document.logForm).on("submit",function(event){
    event.preventDefault();
    ukloniGreske();
    let forma = document.logForm;
    let greska = false;
    console.log("desilo se")
    if(!forma.tbEmail.value){
        greskaForme(forma.tbEmail,"Email ne sme biti prazan.");
        greska=true;
    }
    if(!forma.tbPass.value){
        greskaForme(forma.tbPass,"Lozinka ne sme biti prazna.");
        greska=true
    }

    if(!greska){
        $('#btnLogin').attr('type','hidden');
        forma.submit();
    }
})

```

3.3 PHP

3.3.1 index.php

```

<?php
session_start();
require "config/connection.php";
require "models/functions.php";
include "views/fixed/head.php";
include "views/fixed/nav.php";
if(isset($_GET['page'])){
    switch($_GET['page']){

```

```

        case 'home':
            include "views/pages/home.php";
            break;
        case 'shop':
            include "views/pages/shop.php";
            break;
        case 'cart':
            include "views/pages/cart.php";
            break;
        case 'author':
            include "views/pages/author.php";
            break;
        case 'login':
            include "views/pages/login.php";
            break;
        case 'register':
            include "views/pages/register.php";
            break;
        case 'adminStats':
            include "views/admin/admin-stats.php";
            break;
        case 'adminProducts':
            include "views/admin/admin-products.php";
            break;
        case 'adminUsers':
            include "views/admin/admin-users.php";
            break;
        case 'editProduct':
            include "views/admin/edit-product.php";
            break;
        case 'addProduct':
            include "views/admin/add-product.php";
            break;
        case 'editUser':
            include "views/admin/edit-user.php";
            break;
        default:
            include "views/pages/home.php";
            break;
    }
}
else{
    include "views/pages/home.php";
}

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

```

3.3.2 views/fixed/head.php

```

<?php
ob_start();

```

```

?>
<!DOCTYPE html>
<html lang="sr-Latn-CS">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta name="keywords" content="računar,komponente,pc,center,prodavnica">
  <meta name="description" content="PC Center prodavnica računarskih komponenti. Nađite
sve što vam treba da napravite novi ili nadogradite stari računar najkvalitetnijim kompone
ntama po povoljnim cenama.">
  <meta name="author" content="Djordje Solomun">
  <link rel="shortcut icon" href="favicon.ico" type="image/x-icon">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.15.2/css/all.min.css" integrity="sha512-
HK5fgLBL+Xu6dm/Ii3z4xhLSUyZgTT9tuc/hSrtw6uzJOvgRr2a9jyxxT1ely+B+xFAMJKVSTbpM/CuL7qx08w=="
crossorigin="anonymous" />
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/boo
tstrap.min.css" integrity="sha384-
TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0jlfIDPvg6uqKI2xXr2" crossorigin="anonymous">
  <link rel="stylesheet" href="assets/css/style.css">
  <title>PC Center</title>
</head>
<body class="bg-light">

```

3.3.3 views/fixed/nav.php

```

<nav class="navbar sticky-top navbar-expand-lg navbar-dark bg-dark">
  <a class="navbar-brand" href="index.php">PC Center</a>
  <button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarTogglerDemo02" aria-controls="navbarTogglerDemo02" aria-
expanded="false" aria-label="Toggle navigation">
    <span class="navbar-toggler-icon"></span>
  </button>
  <div class="collapse navbar-collapse" id="navbarTogglerDemo02">
    <ul id="navigacija" class="navbar-nav mr-auto mt-2 mt-lg-0 w-100">
      <li class="nav-item">
        <a class="nav-link" href="index.php">Početna</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="index.php?page=shop">Prodavnica</a>
      </li>
      <?php
        if(isset($_SESSION['user'])){
          $user = $_SESSION['user'];
          if($user->naziv == "admin"){
            <li class="nav-item">
              <a class="nav-
link" href="index.php?page=adminStats">Statistika</a>
            </li>
            <li class="nav-item">

```

```

        <a class="nav-
link" href="index.php?page=adminProducts">Proizvodi</a>
    </li>
    <li class="nav-item">
        <a class="nav-link" href="index.php?page=adminUsers">Korisnici</a>
    </li>
    <?php
    }
    elseif($user->naziv=="korisnik"){
    ?>
        <li class="nav-item">
            <a class="nav-
link" href="index.php?page=cart">Korpa<i class="fas fa-shopping-cart"></i></a>
        </li>
        <?php
        }
        ?>
        <li class="nav-item ml-lg-auto">
            <span class="text-white"><?=$user->email?></span>
            <a class="btn btn-
primary" href="models/user/logout.php">Odjavite se</a>
        </li>
        <?php
        }
        else{
        ?>
        <li class="nav-item px-2 ml-lg-auto">
            <a class="btn btn-primary " href="index.php?page=login">Login</a>
        </li>
        <li class="nav-item py-1 py-lg-0">
            <a class="btn btn-
primary " href="index.php?page=register">Registracija</a>
        </li>
        <?php
        }
        ?>
    </ul>
</div>
</nav>

```

3.3.4 views/fixed/footer.php

```

<footer>
    <div class="container-fluid p-md-3 bg-dark text-light">
        <div class="container">
            <div class="row text-center">
                <div class="col-12 col-md-4 mb-3 mt-2 m-md-0">
                    <h4>Pratite nas</h4>
                    <ul>
                        <li><a href="https://www.facebook.com" target="blank"><i class="fab fa-
facebook-f"></i> Facebook</a></li>

```

```
<li><a href="https://www.instagram.com" target="blank"><i class="fab fa-  
instagram"></i> Instagram</a></li>  
<li><a href="https://www.youtube.com" target="blank"><i class="fab fa-  
youtube"></i> YouTube</a></li>  
</ul>  
</div>  
<div class="col-12 col-md-4 mb-3 m-md-0">  
<h4>Radno vreme</h4>  
<p><i class="fas fa-clock"></i> Radnim danom: 08-20h</p>  
<p><i class="fas fa-clock"></i> Vikendom: 09-18h</p>  
<p><i class="fas fa-map-marker-alt"></i> Kneza Mihaila 1</p>  
</div>  
<div class="col-12 col-md-4">  
<h4>Linkovi</h4>  
<ul>  
<li><a href="dokumentacija.pdf" target="blank"><i class="fas fa-  
sitemap"></i> Dokumentacija</a></li>  
<li><a href="index.php?page=author"><i class="far fa-file-  
code"></i> Autor</a></li>  
<li>&copy;Đorđe Solomun 16/19</li>  
</ul>  
</div>  
</div>  
</div>  
</footer>  
<script src="https://code.jquery.com/jquery-3.5.1.min.js" integrity="sha256-  
9/aliU8dGd2tb60Sszixev4y/faTqgFtohetphbbj0=" crossorigin="anonymous"></script>  
<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/js/bootstrap.bundle.min  
.js" integrity="sha384-  
ho+j7jyWK8fNQe+A12Hb8AhRq26LrZ/JpcUGGOn+Y7RsweNrtN/tE3MoK7ZeZDyx" crossorigin="anonymous">  
</script>  
<script src="assets/js/main.js"></script>  
</body>  
</html>
```

3.3.5 views/pages/home.php

```
<?php
zabeleziStranicu('home');
?>

<div class="container mt-3">
    <div id="carouselExampleFade" class="carousel slide carousel-fade" data-
ride="carousel">
        <div class="carousel-inner rounded">
            <div class="carousel-item active" data-interval="3000">
                
                <div class="carousel-caption rounded d-none d-md-block text-body">
                    <h1>PC Center</h1>
                    <p>Prodavnica računarskih komponenti</p>
                </div>
            </div>
        </div>
    </div>
</div>
```

```

        <div class="carousel-item" data-interval="3000">
            
            <div class="carousel-caption rounded d-none d-md-block text-body">
                <h2>Sve što vam treba</h2>
                <p>Napravite svoj računar već danas. Pogledajte prodavnicu: <a href="index.php
?page=shop" class="btn btn-secondary">Prodavnica</a></p>
            </div>
        </div>
    </div>
</div>
</div>
<div class="container mt-5">
    <h2 class="text-center">PC Center</h2>
    <div class="row mt-3 d-flex align-items-center">
        <div class="col-9 col-md-6 text-center mx-auto">
            <p>Kod nas možete naći sve komponente potrebne da sklopite računar. Izaberite proc
esor, matičnu ploču, grafičku kartu, RAM memoriju, hard disk, napajanje i kućište i uživaj
te
                u svom novom račuaru.</p>
                <p>Pogledajte našu ponudu: <a href="index.php?page=shop" class="btn btn-outline-
secondary">prodavnica</a></p>
        </div>
        <div class="col-9 col-md-6 mx-auto">
            
        </div>
    </div>
</div>
<div class="container mt-5">
    <h2 class="text-center">Uskoro u radnji</h2>
    <div class="row mt-3 pb-3 d-flex align-items-center">
        <div class="col-9 col-md-6 mb-3 m-md-0 mx-auto">
            
        </div>
        <div class="col-9 col-md-6 text-center mx-auto">
            Uskoro dobijamo novu RTX seriju 30 grafičkih karti, pratite nas da prvi ugrabite s
voju.
        </div>
    </div>
</div>
</div>

```

3.3.6. views/pages/shop.php

```

<?php
zabeleziStranicu('shop');
?>
<div class="container mt-5 prostor">
    <div class="row w-100 m-0">
        <div class="col-lg-3 p-2">
            <div class="row">

```

```

        <div class="col-12">
            <p class="font-weight-bold">Sortirajte po ceni:</p>
            <select class="custom-select" id="sort">
                <option value="asc">Rastuće</option>
                <option value="desc">Opadajuće</option>
            </select>
            <br/><br/>
            <ul class="list-group">
                <li class="list-group-item">
                    <label for="pretraga">Pretraži</label>
                    <input type="text" id="search" name="search"/>
                </li>
            </ul>
            <br/>

            <div class="row">
                <div class="col-12">
                    <p class="font-weight-bold">Kategorije:</p>
                    <ul class="list-group" id="categories">
                        </ul>
                    <br/>
                </div>
            </div>
        </div>
    </div>
</div>
<div class="col-lg-9 py-2">
    <h1 id="count">Proizvodi</h1>
    <div class="row m-0 w-100" id="products">

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

```

3.3.7 views/pages/cart.php

```

<?php
if(!isset($_SESSION['user'])){
    header("Location: index.php");
}
zabeleziStranicu('cart');
?>
<div class="prostor">
    <h1 class="text-center">Korpa</h1>
    <div class="container row mx-auto mt-5 align-items-start justify-content-
start" id="korpa">
        <?php
        $userID=$_SESSION['user']->id_korisnik;
        $sql = "SELECT * FROM korpa WHERE id_korisnik = $userID";
        $cart = dohvatiSve($sql);
        if(count($cart)==0){

```

```

        echo '<div class="container m-5 alert alert-
danger"><p>Nemate ništa u korpi. Pogledajte <a href="index.php?page=shop">prodavnicu</a></
p></div>';
    }
    $total = 0;
    foreach($cart as $cartItem){
        $product = dohvatiProizvod($cartItem->id_proizvod);
        $total+=$cartItem->cena;
    }

    <div class="row mx-0 my-2 align-items-center justify-space-between border p-
3 w-100">
        <div class="col-4 col-lg-2">
            p_naziv?>" />
        </div>
        <div class="col-8 col-lg-3">
            <h6>Naziv</h6>
            <h4><?=$product->p_naziv?></h4>
        </div>
        <div class="col-4 col-lg-2 px-0">
            <h6>Cena</h6>
            <span class="font-weight-bold"><?=$product->cena?>,00 RSD</span>
        </div>
        <div class="col-4 col-lg-1 mt-3 mt-lg-0 px-0">
            <h6>Količina</h6>
            <a href="models/product/addToCart.php?id=<?=$cartItem-
>id_proizvod?>&qty=<?=$cartItem->kolicina-1?>" class="text-dark"><i class="fas fa-
minus"></i></a>
            <span><?=$cartItem->kolicina?></span>
            <a href="models/product/addToCart.php?id=<?=$cartItem-
>id_proizvod?>&qty=<?=$cartItem->kolicina+1?>" class="text-dark"><i class="fas fa-
plus"></i></a>
        </div>
        <div class="col-4 col-lg-2">
            <h6>Ukupna cena</h6>
            <span class="font-weight-bold"><?=$cartItem->cena?>,00 RSD</span>
        </div>
        <div class="col-12 col-lg-1 mt-3 mt-lg-0 text-right">
            <a href="models/product/removeFromCart.php?id=<?=$cartItem-
>id_proizvod?>" class="btn btn-danger obrisi">Ukloni</a>
        </div>
    </div>
    <?php
    }
    if(count($cart)){
    }
    <div class="total w-100 text-right pb-3">
        <p>Ukupna cena je <span class="font-weight-bold"><?=$total?>,00 RSD</span></p>
        <a href="models/product/emptyCart.php?id=<?=$userID?>" class="btn btn-
danger">Ukloni sve</a>
    </div>
    <?php

```



```

    }?>
  </div>
</div>

```

3.3.8. views/pages/author.php

```

<?php
zabeleziStranicu('author');
?>
<div class="prostor">
  <h1 class="text-center mt-3">Informacije o autoru</h1>
  <div class="container mx-auto mt-5 row">
    <div class="col-11 col-md-5 p-4">
      
    </div>
    <div class="col-12 col-md-7 p-5">
      <h4>Đorđe Solomun 16/19</h4>
      <p>Student sam druge godine na Visokoj ICT školi, smer internet tehnologije modul web programiranje. Ovaj sajt je predispitna obaveza za predmet praktikum iz web programiranja PHP.</p>
      <p>Ako imate pitanje javite mi se putem mejla: djordje&#46;solomun&#46;16&#46;19&#64;ict&#46;edu&#46;rs</p>
      <p>Pogledajte moj <a href="https://djotaa.github.io/WebPortfolio/" target="blank">portfolio</a></p>
    </div>
    <div><a href="models/export/word.php" class="btn btn-info">Export u Word</a></div>
    <div><a href="models/export/excel.php" class="btn btn-info">Export u Excel</a></div>
  </div>
</div>

```

3.3.9 views/pages/login.php

```

<?php
zabeleziStranicu("login");
?>
<div class="prostor">
  <div class="container py-5">
    <h1 class="text-center">Login</h1>
    <div class="row py-5">
      <div class="col-12 col-lg-5 mx-auto py-5">
        <?php if(isset($_GET['msg'])) {
          $msg = $_GET['msg'];
          echo '<p class="alert alert-danger">'.$msg.'</p>';
        }
        ?>
        <form action="models/user/login.php" name="logForm" id="logForm" method="post">
          <div class="form-group">
            <label for="tbEmail">Email</label>

```

```

        <input type="text" name="tbEmail" id="tbEmail" class="form-
control" />
        <p class="greska text-danger"></p>
    </div>
    <div class="form-group">
        <label for="tbPass">Lozinka</label>
        <input type="password" name="tbPass" id="tbPass" class="form-
control" />
        <p class="greska text-danger"></p>
    </div>
    <div class="form-group text-center">
        <input type="submit" name="btnLogin" id="btnLogin" class="btn btn-
primary" value="Login" />
        <p class="uspeh text-primary"></p>
    </div>
</form>
</div>
</div>
</div>
</div>

```

3.3.10 views/pages/register.php

```

<?php
zabeleziStranicu('register');
?>
<div class="prostor">
    <div class="container py-5">
        <h1 class="text-center">Registracija</h1>
        <div class="row py-5">
            <div class="col-12 col-lg-5 mx-auto py-5">
                <?php
                if(isset($_GET['msg'])){
                    $msg = $_GET['msg'];
                    switch($msg){
                        case 'taken':
                            echo "<p class='alert alert-danger'>Email je zauzet.</p>";
                            break;
                        case 'success':
                            echo "<p class='alert alert-
success'>Uspešna registracija. <a href='index.php?page=login'>Ulogujte se</a>";
                            break;
                        case 'else':
                            echo "<p class='alert alert-
danger'>Neočekivana greška, pokušajte ponovo.";
                            break;
                    }
                }
                ?>
                <form action="models/user/register.php" name="regForm" id="regForm" method
="post">
                    <div class="form-group">

```

```

        <label for="tbEmail">Email</label>
        <input type="text" name="tbEmail" id="tbEmail" class="form-
control" />

        <p class="greska text-danger"></p>
    </div>
    <div class="form-group">
        <label for="tbPass">Lozinka</label>
        <input type="password" name="tbPass" id="tbPass" class="form-
control" />

        <p class="greska text-danger"></p>
    </div>
    <div class="form-group text-center">
        <input type="submit" name="btnReg" id="btnReg" class="btn btn-
primary" value="Registrujte se" />
        <p class="uspeh text-primary"></p>
    </div>
</form>
</div>
</div>
</div>
</div>

```

3.3.11 views/admin/add-product.php

```

<?php
    if(!isset($_SESSION['user'])){
        header('Location: index.php');
    }
    else{
        $korisnik = $_SESSION['user'];
        if($korisnik->naziv != "admin"){
            header('Location: index.php');
        }
        else{
            if(isset($_GET['msg'])){
                $msg = $_GET['msg'];
                switch($msg){
                    case 'badExt':
                        echo "<p class='alert alert-
danger'>Slika mora biti jpg,jpeg ili png.</p>";
                        break;
                    case 'imgSize':
                        echo "<p class='alert alert-
danger'>Slika ne sme biti veca od 3MB.</p>";
                        break;
                    case 'name':
                        echo "<p class='alert alert-danger'>Ime ne sme biti prazno.</p>";
                        break;
                    case 'price':
                        echo "<p class='alert alert-
danger'>Cena ne sme biti prazna, 0 ili tekst.</p>";
                        break;
                }
            }
        }
    }
}

```

```

        case 'noImg':
            echo "<p class='alert alert-danger'>Dodajte sliku.</p>";
            break;
        case 'noCat':
            echo "<p class='alert alert-danger'>Izaberite kategoriju.</p>";
            break;
        case 'err':
            echo "<p class='alert alert-danger'>Došlo je do greške.</p>";
            break;
    }
}

?>
<h1 class="text-center">Dodavanje novog proizvoda</h1>
<div class="container prostor d-flex justify-content-center w-50">
    <form action="models/admin/addProduct.php" name="addForm" method="post" enctype="multi
part/form-data">
        <div class="form-group">
            <label for="tbName">Ime proizvoda</label>
            <input type="text" name="tbName" class="form-control"/>
        </div>
        <div class="form-group">
            <label for="tbCena">Cena</label>
            <input type="text" name="tbCena" class="form-control"/>
        </div>
        <div class="form-group">
            <label for="fSlika">Slika</label>
            <input type="file" name="fSlika"/>
        </div>
        <div class="form-group text-center">
            <label for="selCat">Kategorija</label>
            <select name="selCat">
                <option value="Izaberite">Izaberite</option>
                <?php
                    $kategorije = dohvatiSve("SELECT * FROM kategorija");
                    foreach($kategorije as $kat){
                        ?>
                        <option value="<?=$kat->id_kategorija?>"?><?=$kat-
>naziv_kat?></option>
                        <?php
                            }
                        ?>
                    </select>
                </div>
                <div class="form-group text-center">
                    <input type="submit" name="btnAdd" class="btn btn-primary" value="Dodaj"/>
                </div>
            </form>
        </div>
        <?php
            }
        }
    ?>

```

3.3.12. views/admin/admin-products.php

```
<?php
    if(!isset($_SESSION['user'])){
        header('Location: index.php');
    }
    else{
        $korisnik = $_SESSION['user'];
        if($korisnik->naziv != "admin"){
            header('Location: index.php');
        }
        else{
            ?>

            <?php
            if(isset($_GET['msg'])){
                $msg = $_GET['msg'];
                switch($msg){
                    case 'okDel':
                        echo "<p class='alert alert-success'>Proizvod obrisan.</p>";
                        break;
                    case 'okUpd':
                        echo "<p class='alert alert-success'>Proizvod izmenjen.</p>";
                        break;
                    case 'okAdd':
                        echo "<p class='alert alert-success'>Proizvod dodat.</p>";
                        break;
                    case 'noDel':
                        echo "<p class='alert alert-
danger'>Došlo je do greške prilikom brisanja.</p>";
                        break;
                }
            }
            ?>
            <div class="container text-center py-3">
                <a href="index.php?page=addProduct" class="btn btn-
primary">Dodaj novi proizvod</a>
            </div>
            <table class="table table-responsive container">
                <thead class="thead-light">
                    <tr>
                        <th>RB</th>
                        <th>Slika</th>
                        <th>Naziv</th>
                        <th>Cena</th>
                        <th>Kategorija</th>
                        <th>Slika fajl</th>
                        <th>Thumb fajl</th>
                        <th>Izmeni</th>
                        <th>Obriši</th>
                    </tr>
                </thead>
                <tbody>
```

```

<?php
    $proizvodi = dohvatiProizvode();
    $rb=1;
    foreach($proizvodi as $proizvod){
        ?>
        <tr>
            <th><?=$rb?></th>
            <td>p_naziv?>"></td>
            <td><?=$proizvod->p_naziv?></td>
            <td class="text-info"><?=$proizvod->cena?>,00 RSD</td>
            <td><?=$proizvod->k_naziv?></td>
            <td><?=$proizvod->slika?></td>
            <td><?=$proizvod->thumb?></td>
            <td><a href="index.php?page=editProduct&id=<?=$proizvod->id?>" class="btn btn-
warning">Izmeni</a></td>
            <td><a href="models/admin/deleteProduct.php?id=<?=$proizvod-
>id?>" class="btn btn-danger">Obriši</a></td>
        </tr>
        <?php
            $rb++;
        }
    ?>
</tbody>
</table>

<?php
    }
}
?>

```

3.3.13 views/admin/admin-stats.php

```

<?php
    if(!isset($_SESSION['user'])){
        header('Location: index.php');
    }
    else{
        $korisnik = $_SESSION['user'];
        if($korisnik->naziv != "admin"){
            header('Location: index.php');
        }
        else{
            ?>
            <div class="container prostor mt-5">
                <h1 class="text-center">Statistika o posetama</h1>
                <div class="row">
                    <div class="col-12 col-md-6 py-2">
                        <h3 class="text-center">Posećenost stranica u poslednja 24h</h3>
                        <div class="container-fluid">
                            <div class="row py-2">
                                <?php

```

```

        $pages = file("data/page-log.txt");
        $pagesTotalCount = 0;
        $pagesCount = ["home"=> 0, "shop" => 0, "login" => 0, "register" => 0,
"author"=> 0, "cart"=> 0];
        foreach ($pages as $page) {
            $pageArray = explode(" ", $page);
            $pageDate = $pageArray[0];
            $pageName = trim($pageArray[1]);
            if ($pageDate == date("d.m.Y.")) {
                $pagesTotalCount++;
                $pagesCount[$pageName]++;
            }
        }
        foreach ($pagesCount as $page => $count){ ?>
<div class="col-6">
            <p class="text-primary text-center"><?= $page ?>.php</p>
        </div>
        <div class="col-6">
            <p class="text-info text-
center"><?= round($count / $pagesTotalCount * 100) ?>%</p>
        </div>
        <?php
        }
        ?>
    </div>
</div>
<div class="col-12 col-md-6 py-2">
    <h3 class="text-center">Korisnici u poslednja 24h</h3>
    <div class="container-fluid">
        <div class="row py-2">
            <?php
            $users = file("data/user-log.txt");
            foreach($users as $user){
                $userArr = explode(" ", $user);
                list($visitDate, $email) = $userArr;
                if($visitDate == date("d.m.Y.")){
                    ?>
                    <div class="col-6">
                        <p class="text-center text-primary"><?=$visitDate?></p>
                    </div>
                    <div class="col-6">
                        <p class="text-center text-info"><?=$email?></p>
                    </div>
                    <?php
                }
            }
            ?>
        </div>
    </div>
</div>
</div>

```

```

</div>
<?php
    }
}
?>

```

3.3.14 views/admin/admin-users.php

```

<?php
    if(!isset($_SESSION['user'])){
        header('Location: index.php');
    }
    else{
        $korisnik = $_SESSION['user'];
        if($korisnik->naziv != "admin"){
            header('Location: index.php');
        }
        else{
?>
<div class="prostor">
    <?php
        if(isset($_GET['msg'])){
            $msg = $_GET['msg'];
            switch($msg){
                case 'okDel':
                    echo "<p class='alert alert-success'>Korisnik obrisan.</p>";
                    break;
                case 'okUpd':
                    echo "<p class='alert alert-success'>Korisnik izmenjen.</p>";
                    break;
                case 'noDel':
                    echo "<p class='alert alert-
danger'>Došlo je do greške prilikom brisanja.</p>";
                    break;
            }
        }
    ?>
    <h1 class="text-center">Korisnici</h1>
<table class="table table-responsive container">
    <thead class="thead-light">
        <tr>
            <th>RB</th>
            <th>Email</th>
            <th>Lozinka</th>
            <th>Datum reg.</th>
            <th>Izmeni</th>
            <th>Obriši</th>
        </tr>
    </thead>
    <tbody>
        <?php
            $korisnici = dohvatiSve("SELECT * FROM korisnik");

```



```

        $rb=1;
        foreach($korisnici as $korisnik){
            if($korisnik->id_uloga != 1){
                ?>
                <tr>
                    <th><?=$rb?></th>
                    <td><?=$korisnik->email?></td>
                    <td><?=$korisnik->pass?></td>
                    <td><?=$korisnik->datum_reg?></td>
                    <td><a href="index.php?page=editUser&id=<?=$korisnik-
>id_korisnik?>" class="btn btn-warning">Izmeni</a></td>
                    <td><a href="models/admin/deleteUser.php?id=<?=$korisnik-
>id_korisnik?>" class="btn btn-danger">Obriši</a></td>
                </tr>
                <?php
                $rb++;
            }
        }
    ?>
</tbody>
</table>
</div>
<?php
    }
}
?>

```

3.3.15 views/admin/edit-product.php

```

<?php
    if(!isset($_SESSION['user'])){
        header('Location: index.php');
    }
    else{
        $korisnik = $_SESSION['user'];
        if($korisnik->naziv != "admin"){
            header('Location: index.php');
        }
        else{
            $productID = $_GET['id'];
            $product = dohvatiJedan("SELECT * FROM proizvod WHERE id_proizvod=$productID");
;
            if(isset($_GET['msg'])){
                $msg = $_GET['msg'];
                switch($msg){
                    case 'badExt':
                        echo "<p class='alert alert-
danger'>Slika mora biti jpg,jpeg ili png.</p>";
                        break;
                    case 'imgSize':
                        echo "<p class='alert alert-
danger'>Slika ne sme biti veca od 3MB.</p>";

```

```

        break;
    case 'name':
        echo "<p class='alert alert-danger'>Ime ne sme biti prazno.</p>";
        break;
    case 'price':
        echo "<p class='alert alert-
danger'>Cena ne sme biti prazna, 0 ili tekst.</p>";
        break;
    case 'err':
        echo "<p class='alert alert-danger'>Došlo je do greške.</p>";
        break;
    }
}

?>
<h1 class="text-center">Izmena proizvoda</h1>
<div class="container prostor d-flex justify-content-center w-50">
    <form action="models/admin/editProduct.php" name="editForm" method="post" enctype="mul
tipart/form-data">
        <div class="form-group">
            <label for="tbName">Ime proizvoda</label>
            <input type="text" name="tbName" class="form-control" value="<?=$product-
>naziv_proizvod?>" />
        </div>
        <div class="form-group">
            <label for="tbCena">Cena</label>
            <input type="text" name="tbCena" class="form-control" value="<?=$product-
>cena?>" />
        </div>
        <div class="form-group">
            <label for="fSlika">Slika</label>
            <input type="file" name="fSlika" />
        </div>
        <div class="form-group text-center">
            <label for="selCat">Kategorija</label>
            <select name="selCat">
                <?php
                    $kategorije = dohvatiSve("SELECT * FROM kategorija");
                    foreach($kategorije as $kat){
                        ?>
                            <option value="<?=$kat->id_kategorija?>" <?php if($kat-
>id_kategorija == $product->id_kategorija) echo "selected";?>><?=$kat-
>naziv_kat?></option>
                                <?php
                                    }
                                ?>
                            </select>
                        </div>
                        <div class="form-group text-center">
                            <input type="hidden" name="id" value="<?=$productID?>">
                            <input type="submit" name="btnEdit" class="btn btn-primary" value="Izmeni" />
                        </div>
                    </form>

```

```

</div>
<?php
    }
}
?>

```

3.3.16 views/admin/edit-user.php

```

<?php
    if(!isset($_SESSION['user'])){
        header('Location: index.php');
    }
    else{
        $korisnik = $_SESSION['user'];
        if($korisnik->naziv != "admin"){
            header('Location: index.php');
        }
        else{
            $userID = $_GET['id'];
            $user = dohvatiJedan("SELECT * FROM korisnik WHERE id_korisnik=$userID");
            if(isset($_GET['msg'])){
                $msg = $_GET['msg'];
                switch($msg){
                    case 'email':
                        echo "<p class='alert alert-
danger'>Unesite email u pravilnoj formi(npr. vaseime@gmail.com)</p>";
                        break;
                    case 'pass':
                        echo "<p class='alert alert-
danger'>Lozinka mora imati bar 7 karaktera.</p>";
                        break;
                    case 'err':
                        echo "<p class='alert alert-danger'>Došlo je do greške.</p>";
                        break;
                }
            }
        }
    }
?>

<h1 class="text-center mt">Izmena korisnika</h1>
<div class="container prostor d-flex justify-content-center w-50">
    <form action="models/admin/editUser.php" name="editForm" method="post">
        <div class="form-group">
            <label for="tbMail">Email</label>
            <input type="text" name="tbMail" class="form-control" value="<?=$user-
>email?>" />
        </div>
        <div class="form-group">
            <label for="tbPass">Lozinka</label>
            <input type="password" name="tbPass" class="form-control" />
        </div>
        <div class="form-group text-center">
            <input type="hidden" name="id" value="<?=$userID?>">
            <input type="submit" name="btnEdit" class="btn btn-primary" value="Izmeni" />

```

```

        </div>
    </form>
</div>
<?php
    }
}
?>

```

3.3.17 models/functions.php

```

<?php
function zabeleziStranicu($stranica){

    $datum = date("d.m.Y.");

    $sadrzaj = "$datum $stranica\n";

    $fajl = fopen("data/page-log.txt", "a");
    $upis = fwrite($fajl, $sadrzaj);
    if($upis){
        fclose($fajl);
    }
}

function zabeleziLogin($email){
    $datum = date("d.m.Y.");
    $sadrzaj = "$datum $email\n";

    $fajl = fopen("../data/user-log.txt","a");
    $upis = fwrite($fajl,$sadrzaj);
    if($upis){
        fclose($fajl);
    }
}

function dohvatiProizvode(){
    global $conn;
    $sql ="SELECT p.id_proizvod AS id, p.naziv_proizvod AS p_naziv, p.cena AS cena, k.nazi
v_kat AS k_naziv, sp.slika AS slika, sp.slika_thumb AS thumb FROM proizvod p INNER JOIN ka
tegorija k ON p.id_kategorija = k.id_kategorija INNER JOIN slike_proizvod sp ON p.id_proiz
vod = sp.id_proizvod";
    return $conn->query($sql)->fetchAll();
}

function dohvatiProizvod($id){
    global $conn;
    $sql ="SELECT p.id_proizvod AS id, p.naziv_proizvod AS p_naziv, p.cena AS cena, k.nazi
v_kat AS k_naziv, sp.slika AS slika, sp.slika_thumb AS thumb FROM proizvod p INNER JOIN ka
tegorija k ON p.id_kategorija = k.id_kategorija INNER JOIN slike_proizvod sp ON p.id_proiz
vod = sp.id_proizvod WHERE p.id_proizvod=:id";
    $priprema = $conn->prepare($sql);
    $priprema->bindParam(':id',$id);

```

```

    $priprema->execute();

    return $priprema->fetch();
}

function insertKorpa($userID,$productID,$kolicina,$cena){
    global $conn;
    $insert = $conn->prepare("INSERT INTO korpa VALUES(?,?,?,?)");
    $isInserted = $insert->execute([$userID, $productID,$kolicina,$cena]);
    return $isInserted;
}

function updateKorpa($userID,$productID,$kolicina,$cena){
    global $conn;
    $update = $conn->
>prepare("UPDATE korpa SET kolicina=?, cena = ? WHERE id_korisnik = ? AND id_proizvod = ?"
);
    $isUpdated = $update->execute([$kolicina,$cena,$userID,$productID]);
    return $isUpdated;
}

function dohvatiKorisnika($email, $cryptePass){
    global $conn;

    $upit = "SELECT * FROM korisnik k JOIN uloga u ON k.id_uloga=u.id_uloga WHERE k.email
= :email AND k.pass = :lozinka";

    $priprema = $conn->prepare($upit);
    $priprema->bindParam(':email', $email);
    $priprema->bindParam(':lozinka', $cryptePass);
    $priprema->execute();

    $rezultat = $priprema->fetch();
    return $rezultat;
}

function dodajKorisnika($email,$cryptePass){
    global $conn;
    $datum = date("Y-m-d");
    $upit = "INSERT INTO korisnik VALUES(null,?,?,?,2)";
    $priprema = $conn->prepare($upit);
    $result = $priprema->execute([$email,$cryptePass,$datum]);
    return $result;
}

function dohvatiJedan($query)
{
    global $conn;
    return $conn->query($query)->fetch();
}

function dohvatiSve($query)

```

```

{
    global $conn;
    return $conn->query($query)->fetchAll();
}

?>

```

3.3.18 models/user/login.php

```

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

        try{
            $email = $_POST['tbEmail'];
            $pass = $_POST['tbPass'];

            $encryptPass = md5($pass);
            $rezLogovanja = dohvatiKorisnika($email, $encryptPass);

            // var_dump($rezLogovanja);
            if($rezLogovanja){
                $_SESSION['user'] = $rezLogovanja;
                zabeleziLogin($rezLogovanja->email);
                if($rezLogovanja->naziv == "admin"){
                    header("Location: ../../index.php?page=adminStats");
                }
                else{
                    header("Location: ../../index.php");
                }
            }
            else{
                header('Location: ' . $_SERVER['HTTP_REFERER'] . '&msg=Pogrešan email ili lozinka');
            }
        }
        catch(PDOException $exception){
            http_response_code(500);
        }
    }
    else{
        header('Location: ../../index.php');
    }

?>

```

3.3.19 models/user/register.php

```

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

```

```

include "../functions.php";
$email = addslashes($_POST['tbEmail']);
$pass = $_POST['tbPass'];
$cryptedpass = md5($pass);

$taken = dohvatiJedan("SELECT email FROM korisnik WHERE email = '{$email}'");
if($taken){
    header("Location: ../../index.php?page=register&msg=taken");
}

try{
    $insert = dodajKorisnika($email,$cryptedpass);
    if($insert){
        header("Location: ../../index.php?page=register&msg=success");
    }
    else{
        header("Location: ../../index.php?page=register&msg=else");
    }
}
catch(PDOException $ex){
    echo $ex->getMessage();
}
}
else{
    header("Location : ../../index.php");
}
?>

```

3.3.20 models/user/logout.php

```

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

```

3.3.21 models/product/addToCart.php

```

<?php
session_start();
include "../../config/connection.php";
include "../functions.php";
if(!isset($_SESSION['user'])){
    echo 'login';
}
elseif(isset($_SESSION['user']) && $_SESSION['user']->naziv == 'admin'){
    echo 'admin';
}
else{

```

```

$user_id = $_SESSION['user']->id_korisnik;
$product_id=$_GET['id'];
$sql = "SELECT kolicina FROM korpa WHERE id_korisnik=$user_id AND id_proizvod = $product_id";
ct_id";
$exists=dohvatiJedan($sql);
if($exists){
    $prodsq = "SELECT cena FROM proizvod WHERE id_proizvod = $product_id";
    $kolicina = ($exists->kolicina)+1;
    if(isset($_GET['qty'])){
        $kolicina=$_GET['qty'];
        if($kolicina == 0){
            header("Location: ../../index.php?page=cart");
            exit;
        }
    }
    $price = (dohvatiJedan($prodsq)->cena)*$kolicina;
    $isUpdated = updateKorpa($user_id,$product_id,$kolicina,$price);
    if($isUpdated){
        if(isset($_GET['qty'])){
            header("Location: ../../index.php?page=cart");
            echo 'uspeh';
        }
        echo 'success';
    }
}
else{
    $prodsq = "SELECT cena FROM proizvod WHERE id_proizvod = $product_id";
    $price = dohvatiJedan($prodsq)->cena;
    $isInserted = insertKorpa($user_id,$product_id,1,$price);
    if($isInserted){
        echo 'success';
    }
}
}
?>

```

3.3.22 models/product/emptyCart.php

```

<?php
include "../../config/connection.php";
$id=$_GET['id'];
$sql = "DELETE FROM korpa WHERE id_korisnik = $id";
$priprema = $conn->prepare($sql);
$priprema->execute();
header("Location: ../../index.php?page=cart");
?>

```

3.3.23 models/product/filterProducts.php

```

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

```



```

$searchVal = $_POST['search'];
$sortVal = $_POST['sort'];
$catArray = json_decode($_POST['catArr']);
// var_dump();
$sqlWhere = "WHERE p.naziv_proizvod LIKE '%$searchVal%'";

foreach ($catArray as $category) {
    if (!$category) break;
    $sqlWhere = $sqlWhere . " AND " . "p.id_kategorija = $category";
}

$sqlWhere = $sqlWhere . " ORDER BY p.cena $sortVal";

$sql = "SELECT p.id_proizvod AS id, p.naziv_proizvod AS p_naziv, p.cena AS cena, k.naziv_k
at AS k_naziv, sp.slika AS slika, sp.slika_thumb AS thumb FROM proizvod p INNER JOIN kateg
orija k ON p.id_kategorija = k.id_kategorija INNER JOIN slike_proizvod sp ON p.id_proizvod
= sp.id_proizvod ";
$sql = $sql . $sqlWhere;
echo json_encode(dohvatiSve($sql));
?>

```

3.3.24 models/product/getCategories.php

```

<?php
include "../../config/connection.php";
include "../../functions.php";
$sql = "SELECT * FROM kategorija";
echo json_encode(dohvatiSve($sql));
?>

```

3.3.25 models/product/getProducts.php

```

<?php
include "../../config/connection.php";
include "../../functions.php";
echo json_encode(dohvatiProizvode());
?>

```

3.3.26 models/product/removeFromcart.php

```

<?php
session_start();
include "../../config/connection.php";
$userID=$_SESSION['user']->id_korisnik;
$productID=$_GET['id'];
$sql = "DELETE FROM korpa WHERE id_korisnik = $userID AND id_proizvod = $productID";
$priprema = $conn->prepare($sql);
$priprema->execute();
header("Location: ../../index.php?page=cart");
?>

```

3.3.27 models/admin/addProduct.php

```
<?php
if(!isset($_POST['btnAdd'])){
    header("Location: ../../index.php");
    exit;
}
include "../../config/connection.php";
include "../../functions.php";
$categoryID = $_POST['selCat'];
$name = $_POST['tbName'];
$price = $_POST['tbCena'];
$fileSize = $_FILES['fSlika']['size'];

if($fileSize == 0){
    header("Location: ../../index.php?page=addProduct&msg=noImg");
    exit;
}
elseif(empty($name)){
    header("Location: ../../index.php?page=addProduct&msg=name");
    exit;
}
elseif($price == 0){
    header("Location: ../../index.php?page=addProduct&msg=price");
    exit;
}
elseif($categoryID == "Izaberite"){
    header("Location: ../../index.php?page=addProduct&msg=noCat");
    exit;
}
else{
    $image = $_FILES["fSlika"];
    $filename = $image["name"];
    $tmp_name = $image["tmp_name"];
    $size = $image["size"];
    list($width, $height) = getimagesize($tmp_name);
    $ext = pathinfo($filename, PATHINFO_EXTENSION);

    switch($ext){
        case 'jpeg':case 'jpg':
            $image_obj = imagecreatefromjpeg($tmp_name);
            break;
        case 'png':
            $image_obj = imagecreatefrompng($tmp_name);
            break;
        default:
            header("Location: ../../index.php?page=addProduct&msg=badExt");
            exit;
    }
    if ($size > 3 * 1024 * 1024) {
        header("Location: ../../index.php?page=addProduct&msg=imgSize");
        exit;
    }
}
```

```

$new_width = 200;
$new_height = (int)(200 * $height / $width);
$image_thumb = imagecreatetruecolor($new_width, $new_height);
imagecopyresampled($image_thumb, $image_obj, 0, 0, 0, 0, $new_height, $new_width, $width, $height);

$sql = "INSERT INTO proizvod VALUES (null,:ime,:cena,:kategorija)";
$priprema = $conn->prepare($sql);
$priprema -> bindParam(":ime", $name);
$priprema -> bindParam(":cena", $price);
$priprema -> bindParam(":kategorija", $categoryID);
$isInserted = $priprema->execute();

if($isInserted){
    $time = time();
    $image_name = $time . $filename;
    $thumbnail_name = "thumb_" . $time . $filename;
    imagejpeg($image_obj, "../assets/img/$image_name");
    imagejpeg($image_thumb, "../assets/img/$thumbnail_name");

    $productID = dohvatiJedan("SELECT id_proizvod AS id FROM proizvod WHERE id_proizvod=(SELECT MAX(id_proizvod) FROM proizvod)")->id;

    $imgsql = "INSERT INTO slike_proizvod VALUES(null,:slika,:thumb,:id)";
    $stmt = $conn->prepare($imgsql);
    $stmt->bindParam(":slika",$image_name);
    $stmt->bindParam(":thumb",$thumbnail_name);
    $stmt->bindParam(":id",$productID);

    $imgInserted = $stmt->execute();
    if($imgInserted){
        header("Location: ../../index.php?page=adminProducts&msg=okAdd");
        exit;
    }
    else{
        header("Location: ../../index.php?page=addProduct&msg=err");
        exit;
    }
}
else{
    header("Location: ../../index.php?page=addProduct&msg=err");
    exit;
}
}
?>

```

3.3.28 models/admin/deleteProduct.php

```

<?php
session_start();
if(!isset($_SESSION['user'])){

```

```

    header('Location: ../../index.php');
    exit;
}
else{
    $korisnik = $_SESSION['user'];
    if($korisnik->naziv != "admin"){
        header('Location: ../../index.php');
        exit;
    }
    else{
        include "../../config/connection.php";
        $id = $_GET['id'];
        $sql = "DELETE FROM proizvod WHERE id_proizvod = :id";
        $priprema = $conn->prepare($sql);
        $priprema->bindParam(":id",$id);
        $isDeleted = $priprema->execute();
        if($isDeleted){
            header("Location: ../../index.php?page=adminProducts&msg=okDel");
        }
        else{
            header("Location: ../../index.php?page=adminProducts&msg=noDel");
        }
    }
}
}
?>

```

3.3.29 models/admin/deleteUser.php

```

<?php
session_start();
if(!isset($_SESSION['user'])){
    header('Location: ../../index.php');
    exit;
}
else{
    $korisnik = $_SESSION['user'];
    if($korisnik->naziv != "admin"){
        header('Location: ../../index.php');
        exit;
    }
    else{
        include "../../config/connection.php";
        $id = $_GET['id'];
        $sql = "DELETE FROM korisnik WHERE id_korisnik = :id";
        $priprema = $conn->prepare($sql);
        $priprema->bindParam(":id",$id);
        $isDeleted = $priprema->execute();
        if($isDeleted){
            header("Location: ../../index.php?page=adminUsers&msg=okDel");
        }
        else{
            header("Location: ../../index.php?page=adminUsers&msg=noDel");
        }
    }
}

```

```

    }
}
}
?>

```

3.3.29 models/admin/editProduct.php

```

<?php
if(!isset($_POST['btnEdit'])){
    header("Location: ../../index.php");
    exit;
}
include "../../config/connection.php";
$productID = $_POST['id'];
$categoryID = $_POST['selCat'];
$name = $_POST['tbName'];
$price = $_POST['tbCena'];
$fileSize = $_FILES['fSlika']['size'];

if(empty($name)){
    header("Location: ../../index.php?page=editProduct&id=$productID&msg=name");
    exit;
}
if($price == 0){
    header("Location: ../../index.php?page=editProduct&id=$productID&msg=price");
    exit;
}

$sql = "UPDATE proizvod SET naziv_proizvod = :ime, cena = :cena, id_kategorija = :kategorija WHERE id_proizvod = :id";
$priprema = $conn -> prepare($sql);
$priprema -> bindParam(":ime", $name);
$priprema -> bindParam(":cena", $price);
$priprema -> bindParam(":kategorija", $categoryID);
$priprema -> bindParam(":id", $productID);
try{
    $priprema -> execute();
    if($fileSize==0){
        header("Location: ../../index.php?page=adminProducts&msg=okUpd");
    }
}
catch(Exception $e) {
    header("Location: ../../index.php?page=editProduct&id=$productID&msg=err");
    exit;
}

if($fileSize>0){
    $image = $_FILES["fSlika"];
    $filename = $image["name"];
    $tmp_name = $image["tmp_name"];

```

```

$size = $image["size"];
list($width, $height) = getimagesize($tmp_name);
$ext = pathinfo($filename, PATHINFO_EXTENSION);
switch($ext){
    case 'jpeg':case 'jpg':
        $image_obj = imagecreatefromjpeg($tmp_name);
        break;
    case 'png':
        $image_obj = imagecreatefrompng($tmp_name);
        break;
    default:
        header("Location: ../../index.php?page=editProduct&id=$productID&msg=badExt");
        exit;
}
if ($size > 3 * 1024 * 1024) {
    header("Location: ../../index.php?page=editProduct&id=$productID&msg=imgSize");
    exit;
}
$new_width = 200;
$new_height = (int)(200 * $height / $width);
$image_thumb = imagecreatetruecolor($new_width, $new_height);
imagecopyresampled($image_thumb, $image_obj, 0, 0, 0, 0, $new_height, $new_width, $width, $height);

$time = time();
$image_name = $time . $filename;
$thumbnail_name = "thumb_" . $time . $filename;
imagejpeg($image_obj, "../../assets/img/$image_name");
imagejpeg($image_thumb, "../../assets/img/$thumbnail_name");

$sql = "UPDATE slike_proizvod SET slika = :slika, slika_thumb = :thumb WHERE id_proizvod = :id";
$stmt = $conn->prepare($sql);
$stmt->bindParam(":slika", $image_name);
$stmt->bindParam(":thumb", $thumbnail_name);
$stmt->bindParam(":id", $productID);

try{
    $stmt->execute();
    header("Location: ../../index.php?page=adminProducts&msg=okUpd");
}
catch(Exception $e){
    header("Location: ../../index.php?page=editProduct&id=$productID&msg=err");
    exit;
}
}
?>

```

3.3.30 models/admin/editUser.php

```
<?php
if(!isset($_POST['btnEdit'])){
    header("Location: ../../index.php");
    exit;
}
include "../../config/connection.php";
$email = $_POST['tbMail'];
$pass = $_POST['tbPass'];
$id = $_POST['id'];
if(empty($email) || !filter_var($email, FILTER_VALIDATE_EMAIL)){
    header("Location: ../../index.php?page=editUser&msg=email&id=$id");
    exit;
}
elseif(empty($pass) || strlen($pass)<7){
    header("Location: ../../index.php?page=editUser&msg=pass&id=$id");
    exit;
}
else{
    $cryptepass=md5($pass);
    $sql = "UPDATE korisnik SET email=?,pass=? WHERE id_korisnik=?";
    $priprema = $conn->prepare($sql);
    $isUpdated = $priprema->execute([$email,$cryptepass,$id]);
    if($isUpdated){
        header("Location: ../../index.php?page=adminUsers&msg=okUpd");
        exit;
    }
    else{
        header("Location: ../../index.php?page=editUser&msg=err&id=$id");
        exit;
    }
}
?>
```

3.3.31 models/export/excel.php

```
<?php
require "../../config/connection.php";
require "../../functions.php";
header("Content-Type: application/xls");
header("Content-Disposition: attachment; filename=kategorije.xls");
$kategorije = dohvatiSve("SELECT * FROM kategorija");
$output = "";
$output .= "
<table class='excelTable'>
<thead>
<tr>
<td>ID kategorije</td>
<td>Naziv kategorije</td>
</tr>
</thead>
<tbody>";
```

```
foreach ($kategorije as $kat) {
    $output .= "
    <tr>
    <td>" . $kat->id_kategorija . "</td>
    <td>" . $kat->naziv_kat . "</td>
    </tr>
    ";
}
echo $output;
```

3.3.31 models/export/word.php

```
<?php

header("Content-type: application/vnd.ms-word");
header("Content-Disposition: attachment;Filename=djordje_solomun_info.doc");
$word_string = "<table>
<thead>
<tr>
<th><b>Djordje Solomun</b> 16/19</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student sam druge godine na Visokoj ICT skoli, smer internet tehnologije modul web pr
ogramiranje. Ovaj sajt je predispitna obaveza za predmet praktikum iz web programiranja PH
P</td>
</tr>
<tr>
<td>Ako imate pitanje javite mi se putem mejla: djordje.solomun.16.19@ict.edu.rs</td>
</tr>
<tr>
<td>Pogledajte moj <a href=\"https://djotaa.github.io/WebPortfolio/\">portfolio</a></td>
</tr>
</tbody>
</table>";
echo $word_string;
?>
```

3.3.32 config/config.php

```
<?php
define("ABSOLUTE_PATH", $_SERVER["DOCUMENT_ROOT"]."/prakphpsajt");
//ovo je absolute path u lokalnu, na hostingu je drugacije
define("ENV_FAJL", ABSOLUTE_PATH."/config/.env");

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

function env($marker){
```



```

$niz = file(ENV_FAJL);
$trazenaVrednost="";

foreach($niz as $red){
    $red = trim($red);

    list($identifikator,$vrednost) = explode("=", $red);
    if($identifikator == $marker){
        $trazenaVrednost=$vrednost;
        break;
    }
}
return $trazenaVrednost;
}
?>

```

3.3.33 config/connection.php

```

<?php

require_once "config.php";

try {
    $conn = new PDO("mysql:host=".SERVER.";dbname=".DATABASE.";charset=utf8", USERNAME, PASSWORD);

    $conn->setAttribute(PDO::ATTR_DEFAULT_FETCH_MODE, PDO::FETCH_OBJ);

    $conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
}
catch(PDOException $ex){
    echo $ex->getMessage();
}

?>

```