

DOKUMENTACIJA

PRAKTIKUM IZ PHP-a

<https://praktikumphp19616.000webhostapp.com/>

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Sadržaj:

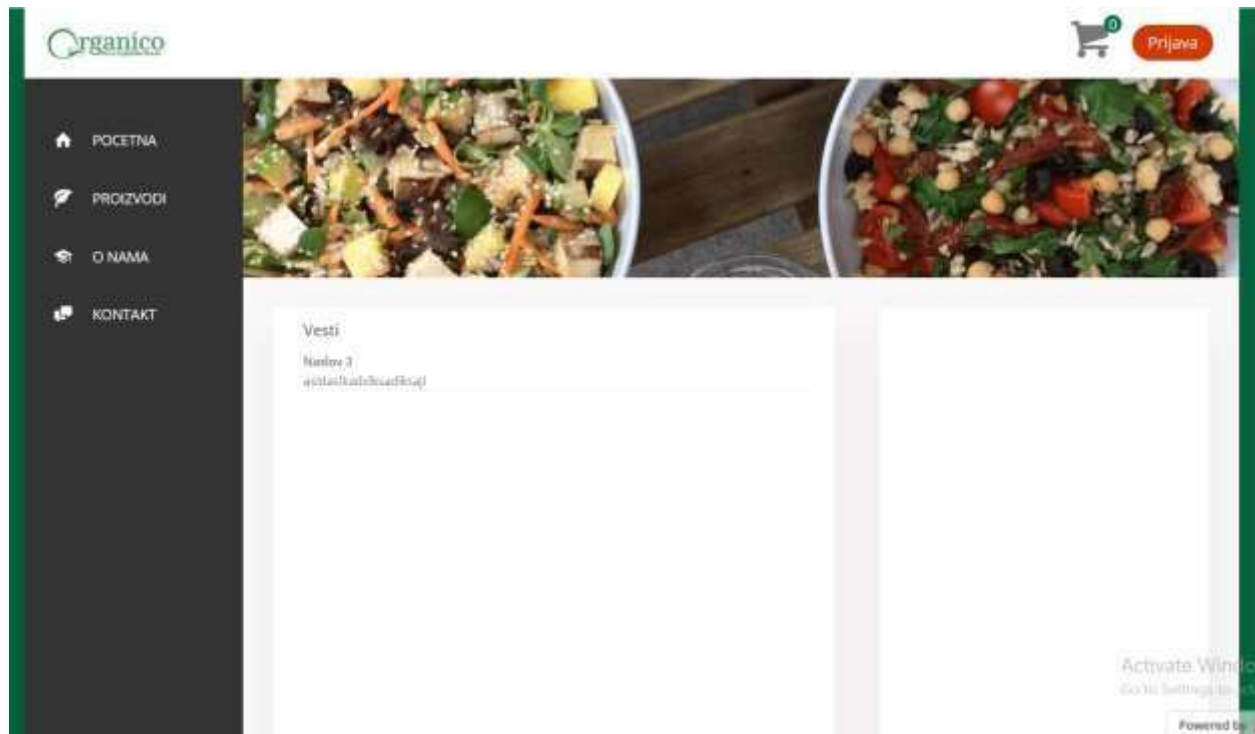
- Opis Funkcionalnosti
- Stranice, dizajn
- Baza Podataka
- Struktura Projekta
- Kodovi

Opis Funkcionalnosti

Organico je prodavnica zdrave hrane. Postoje dve vrste korisnika. Autorizovani I Admini. Autorizovani korisnici mogu da dodaju proizvode u korpu. Admin ima kontrolu nad celokupnim sadrzajem sajte. Prikaz proizvoda se vrsi putem AJAXA, omogucena je paginacija, sortiranje i filtriranje po kategorijama. Pri logovanju ako korisnik pogresi sifru(ako korisnicko ime postoji a sifra je neispravna) dobice email upozorenja o neovlasćenom pristupu korisnickom nalogu. Admin ima pristup admin panelu preko koga se AJAXOM upravlja celokupnim sadrzajem sajta, takodje je omogucen uvid u statistiku pristupa stranicama I broj trenutno ulogovanih korisnika. Omogucen je I eksport podataka u excel formatu. Validacija sadrzaja je I klijentska I serverska. Takodje je omogucen I upload slike koje se smanjuje iz velikog u mali format radi lakseg prikazivanja. Svi fajlovi su odgovarajuće Organizovani.

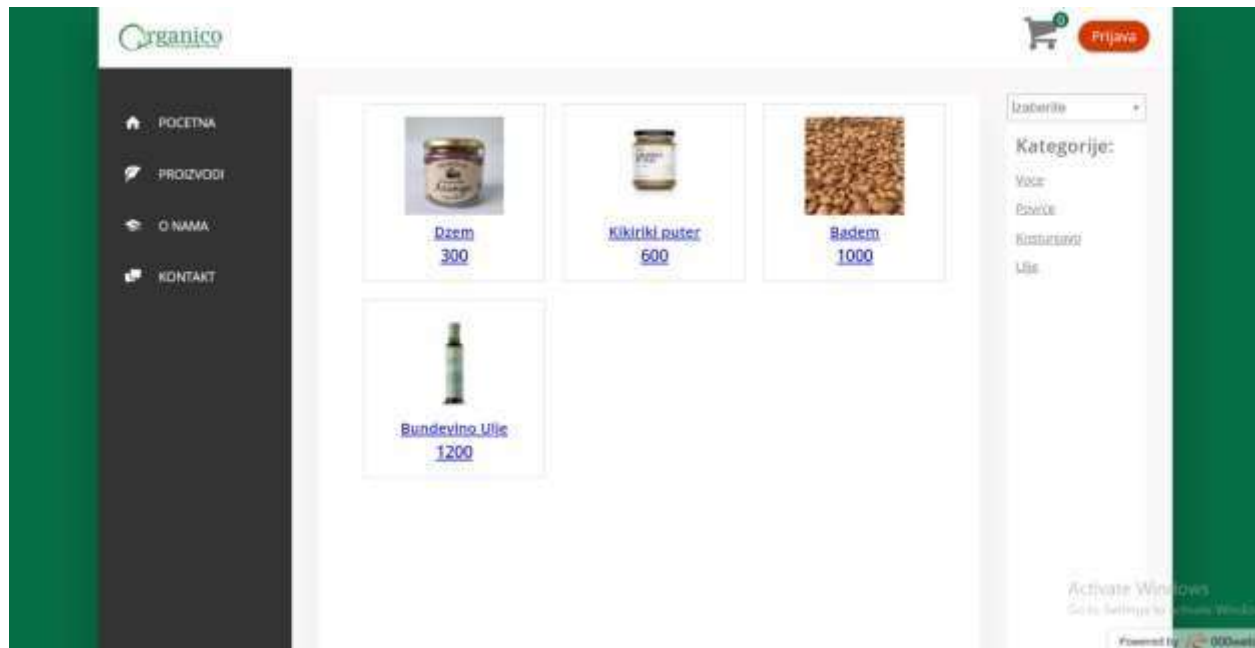
Stranice, dizajn

Pocetna Stranica



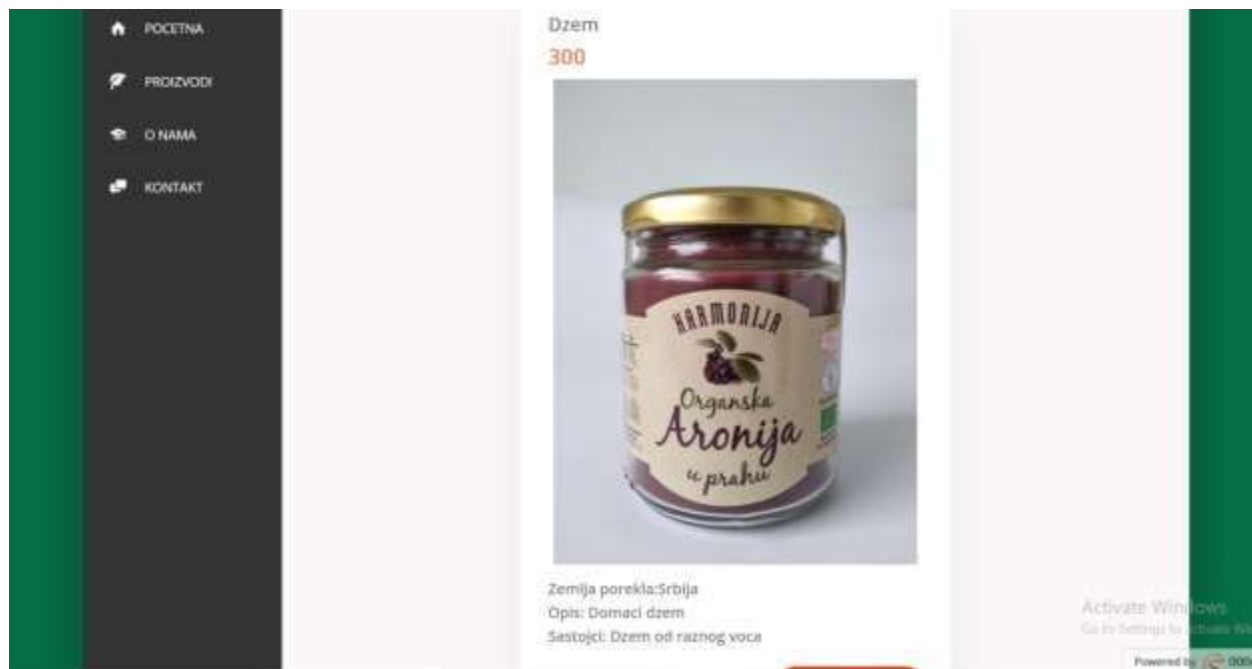
Na pocetnoj stranici se nalaze vesti koje se prikazuju putem paginacije, takodje se nalazi dugme za logovanje. Ako je korisnik ulogovan bice ispisano njegovo ime.

Proizvodi



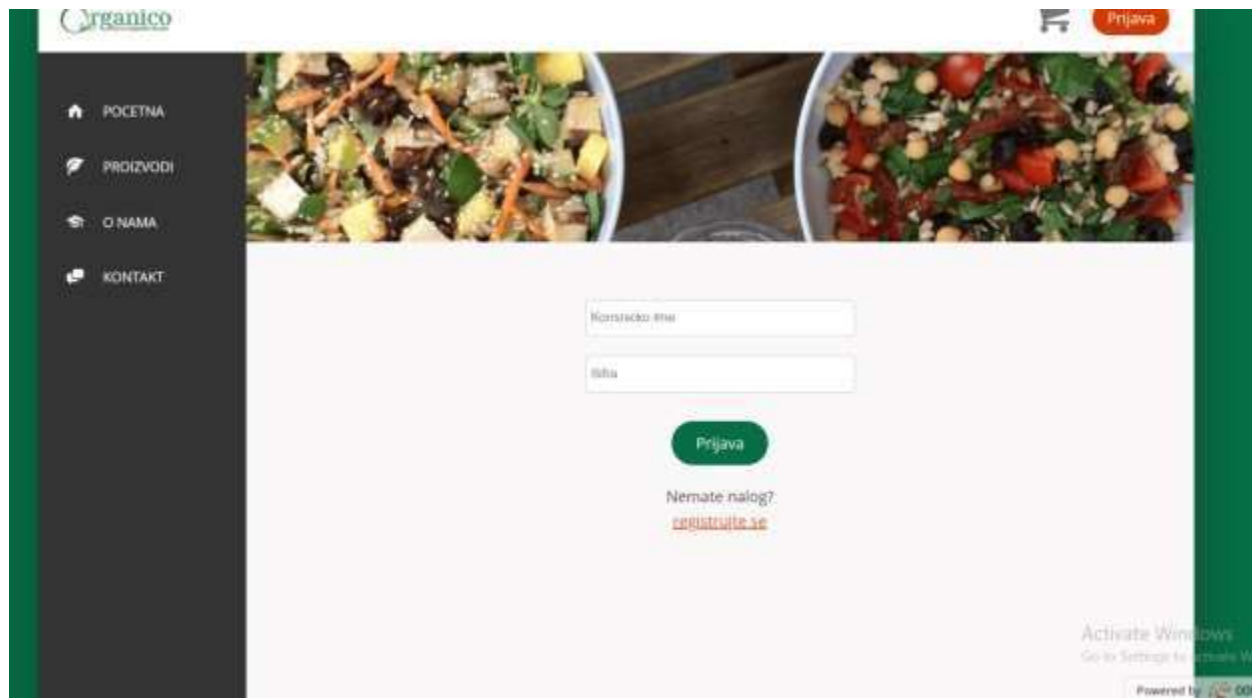
Na stranici proizvodi se sa leve strane nalazi inicijalno prikaz svih proizvoda sa rastucom cenom. Sa leve strane se nalazi meni preko koga se filtriraju I sortiraju proizvodi. Ako se klikne na proizvod bice prikazana stranica za pojedinačni prikaz proizvoda.

Pojedinacan Proizvod



Klikom na odredjeni proizvod na ovoj stranici se detaljnije prikazuju sve informacije o zeljenom proizvodu. I ako je korisnik ulogovan moćice da doda proizvod u korpu, u koliko nije bize preusmeren na stranicu za logovanje.

Prijava korisnika



The screenshot shows the login page of a website named "Organico". The page has a dark green sidebar on the left with navigation links: "POCETNA", "PROIZVODI", "O NAMA", and "KONTAKT". The main content area features a header with the "Organico" logo and a shopping cart icon with a "Prijava" button. Below the header is a large image of two bowls of salad. The login form consists of two input fields: "Korisnicko ime" and "Sifra", followed by a green "Prijava" button. Below the button, there is a link "Nemate nalog? [registrirajte se](#)". At the bottom right, there is a "Powered by" logo.

Organico

Prijava

POCETNA

PROIZVODI

O NAMA

KONTAKT

Korisnicko ime

Sifra

Prijava

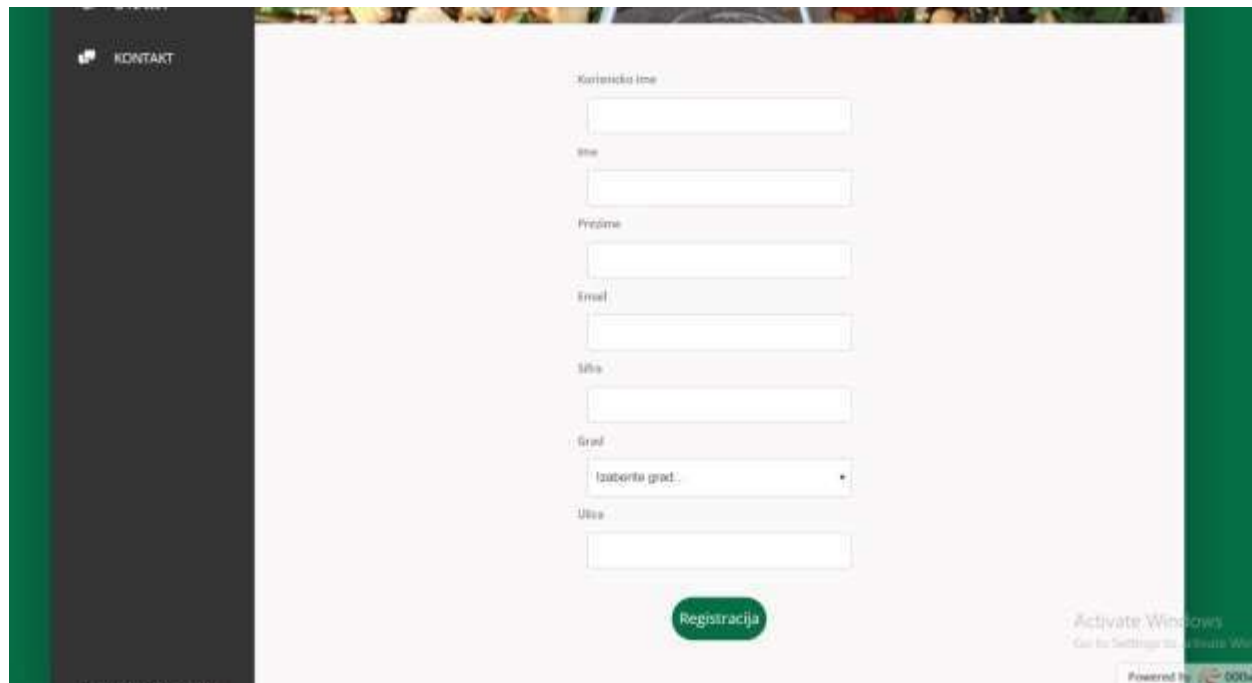
Nemate nalog? [registrirajte se](#)

Activate Windows
Go to Settings to activate Windows.

Powered by

Klikom na prijavu se proverava prvo da li su korisnicko ime i sifra u ispravnom formatu, a onda ukoliko je dobro korisnicko ime a sifra pogresna korisnik je obavesten o tome, i ako je sve ispravno korisnik je ulogovan.

Registracija



A screenshot of a web registration form. The form is centered on a light gray background. On the left, there is a dark gray sidebar with a green vertical bar on its left edge. The sidebar contains a small icon and the word "KONTAKT". The registration form itself consists of several labeled input fields: "Korisnicko ime", "Ime", "Prezime", "Email", "Škola", "Grad", "Izaberi grad.", and "Ulica". Each field is a white rectangle with a thin border. Below the "Izaberi grad." dropdown menu is a green button with the text "Registracija". In the bottom right corner of the page, there is a small "Activate Windows" watermark and a "Powered by" logo.

KONTAKT

Korisnicko ime

Ime

Prezime

Email

Škola

Grad

Izaberi grad.

Ulica

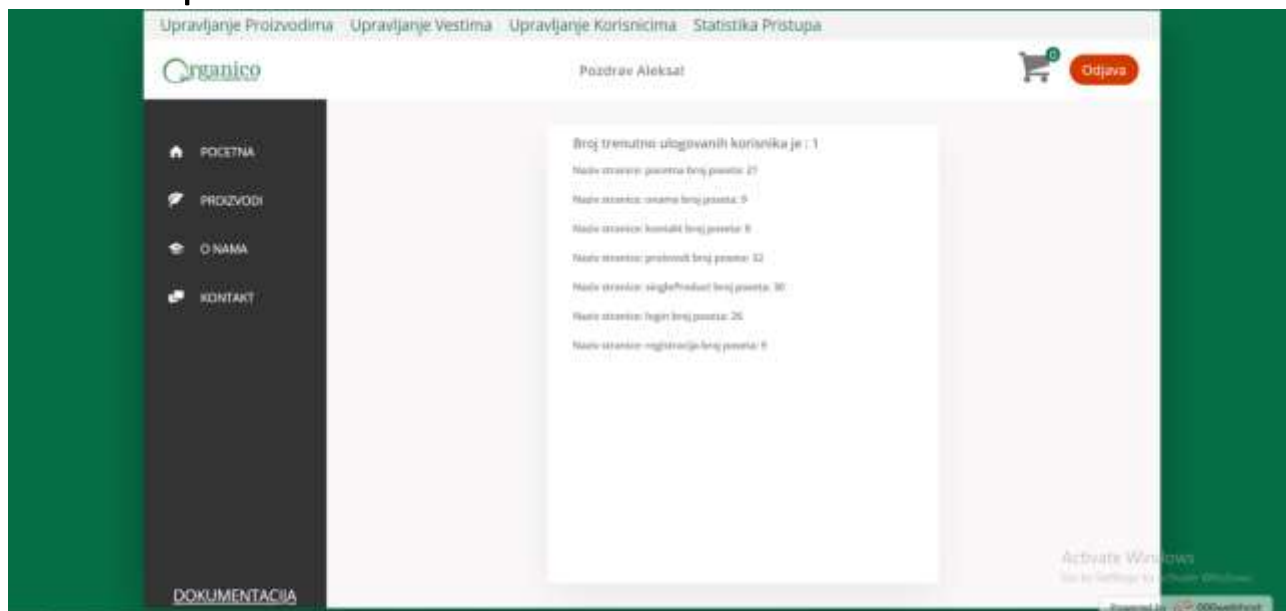
Registracija

Activate Windows
Go to Settings to activate Windows.

Powered by 000b

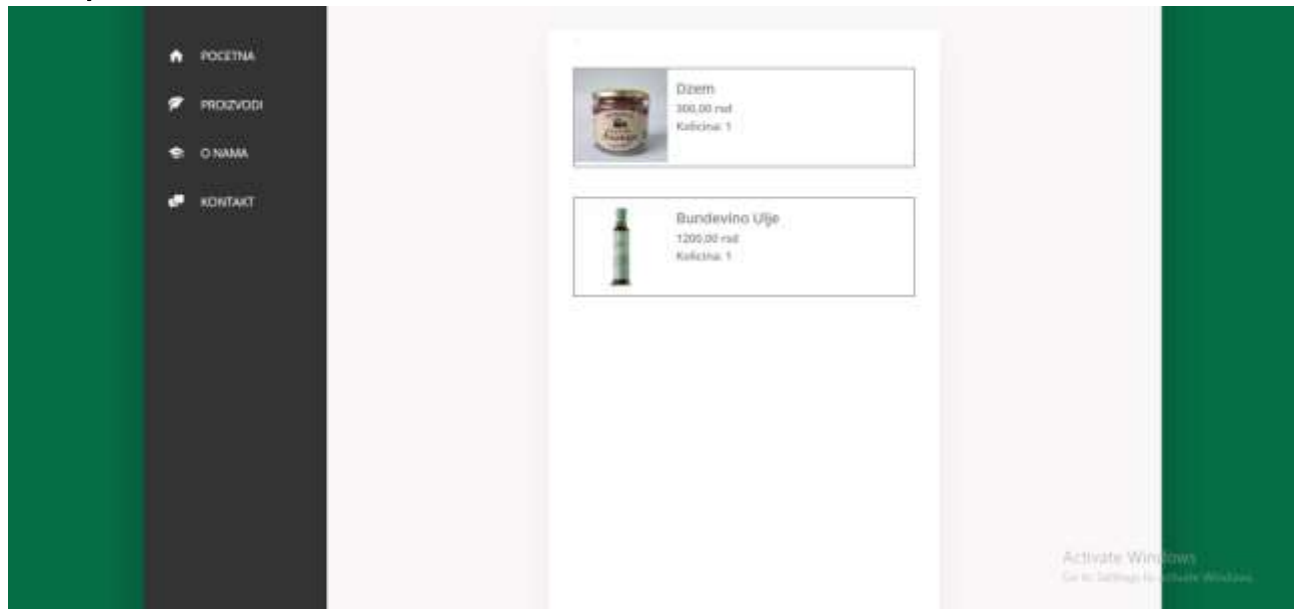
Registracija korisnika, sa serverskom I klijentskom validacijom.

Admin panel



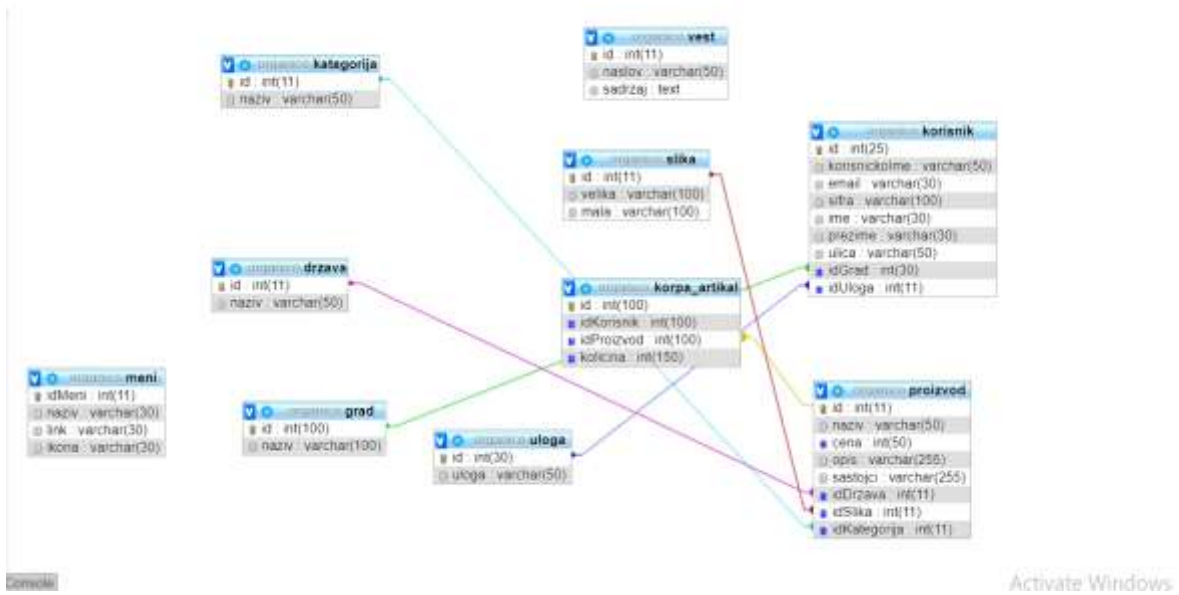
Admin panel za celokupno upravljanje sadrzajem sajta.
Ovde je I omogucen eksport
Podataka o proizvodima I korisnicima u obliku excel fajla.
Takodje prisutna statistika pristupa.

Korpa



U koliko je korisnik ulogovan I dodao proizvode u korpu on ice ovde biti prikazani.

Baza Podataka



Struktura projekta

- └─ assets
 - css
 - images
 - img
 - js
- └─ config
 - ⚙ .env
 - 🐘 config.php
 - 🐘 connection.php

- └─ data
 - ≡ log.txt
 - ≡ userCount.txt

- └─ models
 - news
 - products
 - user

- └─ views
 - fixed
 - pages
 - partials

- 🐘 index.php

KODOVI

Index.php

```
<?php
```

```
$_SESSION['korpa'] = array();
include "config/connection.php";
include "views/fixed/head.php";
include "views/fixed/header.php";
include "views/fixed/nav.php";

if(isset($_GET['page'])){
    switch($_GET['page']){
        case "pocetna":
            include "views/pages/pocetna.php";
            break;
        case "onama":
            include "views/pages/onama.php";
            break;
        case "kontakt":
            include "views/pages/kontakt.php";
            break;
        case "login" :
            include "views/pages/login.php";
            break;
        case "registracija" :
            include "views/pages/registracija.php";
            break;
        case "proizvodi" :
            include "views/pages/proizvodi.php";
            break;
        case "adminProizvod" :
            include "views/pages/adminProizvod.php";
            break;
        case "adminVesti" :
            include "views/pages/adminVesti.php";
            break;
        case "adminKorisnici" :
            include "views/pages/adminKorisnici.php";
            break;
        case "proizvodUnos" :
            include "views/pages/proizvodUnos.php";
            break;
        case "vestUnos" :
            include "views/pages/vestUnos.php";
            break;
        case "korisnikUnos" :
            include "views/pages/korisnikUnos.php";
            break;
    }
}
```

```
        case "updateProduct" :
            include "views/pages/updateProduct.php";
            break;
        case "izmeniKorisnika" :
            include "views/pages/izmeniKorisnika.php";
            break;
        case "statistika" :
            include "views/pages/statistika.php";
            break;
        case "kolica" :
            include "views/pages/kolica.php";
            break;
        case "singleProduct":
            if(isset($_GET['id'])){
                include 'views/pages/singleProduct.php';
            }
            break;
        default :
            include "views/pages/pocetna.php";
            break;
    }
}
else{
    include "views/pages/pocetna.php";
}

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


AdminNews.js

```
window.onload = function(){

    $(document).on('click', '.obrisi', function(e){
        e.preventDefault();

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

        $.ajax({
            url: 'models/news/delete.php',
            method: 'GET',
            data: {
                id: id
            },
            dataType: 'json',
            success: function(data){
                ispisProizvoda(data);
            },
            error: function(greska, status, statusText){

                console.log(greska.parseJSON);
                alert(greska.parseJSON.poruka);
            }
        })
    });
}

function ispisProizvoda(arr){
    ispis=`<a href='index.php?page=proizvodUnos' class="dodajProizvod">Dodaj Vest</a>`;
    arr.forEach(function(element){
        ispis += `
```

AdminProduct.js

```
window.onload = function(){

    $(document).on('click', '.obrisi', function(e){
        e.preventDefault();

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

        $.ajax({
            url: 'models/products/delete.php',
            method: 'GET',
            data: {
                id: id
            },
            dataType: 'json',
            success: function(data){
                ispisProizvoda(data);
            },
            error: function(greska, status, statusText){

                console.log(greska.parseJSON);
                alert(greska.parseJSON.poruka);
            }
        })
    });
}

function ispisProizvoda(arr){
    ispis=`<a href='index.php?page=proizvodUnos' class="dodajProizvod">Dodaj
Proizvod</a>`;
    arr.forEach(function(element){
        ispis += `
```

AdminUser.js

```
window.onload = function(){

    $(document).on('click', '.obrisi', function(e){
        e.preventDefault();

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

        $.ajax({
            url: 'models/user/deleteUser.php',
            method: 'GET',
            data: {
                id: id
            },
            dataType: 'json',
            success: function(data){
                ispisProizvoda(data);
            },
            error: function(greska, status, statusText){

                console.log(greska);
                alert(greska.parseJSON.poruka);
            }
        })
    });
}

function ispisProizvoda(arr){
    ispis=`<a href='index.php?page=proizvodUnos' class="dodajProizvod">Dodaj
Proizvod</a>`;
    arr.forEach(function(element){
        ispis += `
```

Main.js

```
window.onload = function(){

    var forma = document.getElementsByClassName("forma__item");
    var korIme = forma[0];
    var sifra = forma[1];

    var reKorIme = /^[\\w]{3,19}$/;
    var reSifra = /^[A-Za-z]{3,19}$/;

    document.getElementById("btnLogin").addEventListener("click", function(){
        var nizGreske = [];
        if(!reKorIme.test(korIme.value)){
            nizGreske.push("Korisnicko nije u dobrom formatu!");
            korIme.classList.remove("zelena");
            korIme.classList.add("crvena");
        }
        else{
            korIme.classList.remove("crvena");
            korIme.classList.add("zelena");
        }
        if(!reSifra.test(sifra.value)){
            nizGreske.push("Sifra nije u dobrom formatu!");
            sifra.classList.remove("zelena");
            sifra.classList.add("crvena");
        }
        else{
            sifra.classList.remove("crvena");
            sifra.classList.add("zelena");
        }
        if(nizGreske.length > 0){
            var ispis = "";
            nizGreske.forEach(function(element){
                ispis += element+"<br>";
            });
            document.getElementById("rezultat").innerHTML = ispis;
        }
        else{
            document.getElementById("rezultat").innerHTML = "";
            $.ajax({
                data:{
                    korIme : korIme.value,
                    sifra : sifra.value
                },
                dataType:"json",
                method:"GET",
```

```

        url:"./models/user/loginuser.php",
        success : function(podaci){
            korIme.classList.remove("crvena");
            korIme.classList.add("zelena");
            sifra.classList.remove("crvena");
            sifra.classList.add("zelena");
            document.getElementById("rezultat").innerHTML =
podaci.message+" nastavite sa <a class='kupovina-link'
href='index.php?page=proizvodi'>kupovinom</a>";
        },
        error:function(error, xhr, status){
            console.log(error);
            var obj = error.responseJSON;
            if(obj.num == 0){
                document.getElementById("rezultat").innerHTML =
obj.message;

                korIme.classList.remove("zelena");
                korIme.classList.add("crvena");
            }
            else if(obj.num == 1){
                document.getElementById("rezultat").innerHTML =
obj.message;

                sifra.classList.remove("zelena");
                sifra.classList.add("crvena");
            }
        }
    });
}
});
}
}

```

Products.js

```
window.onload = function(){
    var sort = document.getElementById("categories");

    sortiranje("cenaRastuce",1);
    brojStranica("cenaRastuce");

    sort.addEventListener("change",function(){

        var vrednost = sort.options[sort.selectedIndex].value;
        //console.log(vrednost);

        switch(vrednost){
            case "1" :
                sortiranje("cenaRastuce", 1);
                brojStranica("cenaRastuce");
                break;
            case "2" :
                sortiranje("cenaOpadajuce", 1);
                brojStranica("cenaOpadajuce");
                break;
            case "3":
                sortiranje("nazivRastuce", 1);
                brojStranica("nazivRastuce");
                break;
            case "4":
                sortiranje("nazivOpadajuce", 1);
                brojStranica("nazivOpadajuce");
                break;
        }
    });

    var kategorije = document.getElementsByClassName("categories__item");

    for(var i = 0;i < kategorije.length;i++){
        kategorije[i].addEventListener("click", function(){
            var vrednost = this.dataset.id;
            var broj = this.dataset.broj;
            filterKat(broj, vrednost);
            dohvatiBrojStranica(vrednost);

        });
    }
}

function sortiranje(str, num){
    $.ajax({
```

```

        data:{
            str : str,
            num : num
        },
        dataType:"json",
        method:"GET",
        url:"./models/products/sort.php",
        success : function(podaci){
            ispisProizvoda(podaci);
        },
        error:function(error, xhr, status){
            console.log(error.responseText);
        }
    });
}

function brojStranica(str){
    $.ajax({
        data:{
            pos : 1
        },
        method:"GET",
        url:"./models/products/brojStranica.php",
        success : function(podaci){
            ispisLinkova(podaci, str);
        },
        error:function(error, xhr, status){
            console.log(error);
        }
    });
}

function ispisLinkova(num, str){
    var broj = Math.ceil(num/9);
    //console.log(broj);
    var ispis = "";
    var link = 1;
    var brojic = 10;
    for(var i = 0; i < broj;i++){
        if(i == 0){
            ispis+=`<a data-vrsta='sort' data-vrednost=${str} data-broj='1'
class="strance">${link++}</a>`;
        }
        else{
            ispis+=`<a data-vrsta='sort' data-vrednost=${str} data-
broj='${brojic}' class="strance">${link++}</a>`;
            brojic = brojic+10;
        }
    }
    document.getElementById("paginacija").innerHTML = ispis;
}

```

```

var strance = document.getElementsByClassName("strance");

for(var i = 0; i < strance.length; i++){
    strance[i].addEventListener("click", function(){
        var vrsta = this.dataset.vrsta;
        var broj = this.dataset.broj;
        var vrednost = this.dataset.vrednost;
        switch(vrsta){
            case "sort":
                sortiranje(vrednost, broj);
        }
    })
}

function ispisProizvoda(arr){
    var ispis = "";
    arr.forEach(element => {
        ispis += `<div class="product-card proizvod">
        <a href="index.php?page=singleProduct&id=${element.id}">
        <div class="product-image">
            
        </div>
        <div class="product-info">
            <h3>${element.naziv}</h3><h6>${element.cena}</h6>
        </div>
        </a>
        </div>`;
    });
    document.getElementById("proizvodi").innerHTML = ispis;
}

function ispisLinkovaFilter(num1, num2){
    var broj = Math.ceil(num1/9);
    //console.log(broj);
    var ispis = "";
    var link = 1;
    var brojic = 10;
    for(var i = 0; i < broj; i++){
        if(i == 0){
            ispis += `<a data-kat='${num2}' data-broj='1'
class="strance">${link++}</a>`;
        }
        else{
            ispis += `<a data-kat='${num2}' data-broj='${brojic}'
class="strance">${link++}</a>`;
            brojic = brojic+10;
        }
    }
}

```



```

document.getElementById("paginacija").innerHTML = ispis;
var stranice = document.getElementsByClassName("strance");

for(var i = 0; i < stranice.length; i++){
    stranice[i].addEventListener("click", function(){
        var kategorija = this.dataset.kat;
        var broj2 = this.dataset.broj;
        filterKat(broj2, kategorija);
    });
}

function filterKat(broj, vrednost){
    $.ajax({
        data:{
            id : vrednost,
            broj : broj
        },
        dataType:"JSON",
        method:"GET",
        url:"./models/products/categoryFilter.php",
        success : function(podaci){
            console.log(podaci);
            ispisProizvoda(podaci);
        },
        error:function(error, xhr, status){
            console.log(error);
        }
    });
}

function dohvatiBrojStranica(num){
    $.ajax({
        data:{
            id : num
        },
        dataType:"JSON",
        method:"GET",
        url:"./models/products/brojStranicaKat.php",
        success : function(podaci){
            ispisLinkovaFilter(podaci, num);
        },
        error:function(error, xhr, status){
            console.log(error);
        }
    });
}

```

Reg.js

```
window.onload = function(){
    var forma = document.getElementsByClassName("forma__item");
    var korIme = forma[0];
    var ime = forma[1];
    var Prezime = forma[2];
    var Email = forma[3];
    var sifra = forma[4];
    var Grad = forma[5];
    var Ulica = forma[6];

    var reKorIme = /^[\\w]{3,19}$/;
    var reSifra = /^[\\w]{3,19}$/;
    var reIme = /^[A-Z]{1}[a-z]{3,12}$/;
    var rePrezime = /^[A-Z]{1}[a-z]{3,15}$/;
    var reEmail = /^[\\w+([\\.-]?\\w+)*@[\\w+([\\.-]?\\w+)*(\\.\\w{2,3})+)$/;
    var reUlica = /^[\\w\\s]{4,25}$/;

    document.getElementById("btnReg").addEventListener("click", function(){
        var gradVrednost = Grad.options[Grad.selectedIndex].value;
        var nizGreske = [];
        if(!reKorIme.test(korIme.value)){
            nizGreske.push("Korisnicko Ime nije u dobrom formatu!");
            korIme.classList.remove("zelena");
            korIme.classList.add("crvena");
        }
        else{
            korIme.classList.remove("crvena");
            korIme.classList.add("zelena");
        }
        if(!reSifra.test(sifra.value)){
            nizGreske.push("Ime nije u dobrom formatu!");
            sifra.classList.remove("zelena");
            sifra.classList.add("crvena");
        }
        else{
            sifra.classList.remove("crvena");
            sifra.classList.add("zelena");
        }
        if(!reIme.test(ime.value)){
            nizGreske.push("Ime nije u dobrom formatu!");
            ime.classList.remove("zelena");
            ime.classList.add("crvena");
        }
        else{
            ime.classList.remove("crvena");
            ime.classList.add("zelena");
        }
    });
}
```

```

        ime.classList.remove("crvena");
        ime.classList.add("zelena");
    }
    if(!rePrezime.test(Prezime.value)){
        nizGreske.push("Prezime nije u dobrom formatu!");
        Prezime.classList.remove("zelena");
        Prezime.classList.add("crvena");
    }
    else{
        Prezime.classList.remove("crvena");
        Prezime.classList.add("zelena");
    }
    if(!reEmail.test(Email.value)){
        nizGreske.push("Email nije u dobrom formatu!");
        Email.classList.remove("zelena");
        Email.classList.add("crvena");
    }
    else{
        Email.classList.remove("crvena");
        Email.classList.add("zelena");
    }
    }
    if(!reUlica.test(Ulica.value)){
        nizGreske.push("Ulica nije u dobrom formatu!");
        Ulica.classList.remove("zelena");
        Ulica.classList.add("crvena");
    }
    else{
        Ulica.classList.remove("crvena");
        Ulica.classList.add("zelena");
    }
    }
    if(gradVrednost == 0){
        nizGreske.push("Izaberite Grad!");
        Grad.classList.remove("zelena");
        Grad.classList.add("crvena");
    }
    else{
        Grad.classList.remove("crvena");
        Grad.classList.add("zelena");
    }
    }

    if(nizGreske.length > 0){
        var ispis = "";
        nizGreske.forEach(function(element){
            ispis += element+"<br>";
        });
        document.getElementById("rezultat").innerHTML = ispis;
    }
    else{
        document.getElementById("rezultat").innerHTML = "";
        $.ajax({

```

```

        data:{
            korIme : korIme.value,
            sifra : sifra.value,
            gradVrednost : gradVrednost,
            ime : ime.value,
            prezime : Prezime.value,
            email : Email.value,
            ulica : Ulica.value
        },
        dataType:"json",
        method:"POST",
        url:"./models/user/registration.php",
        success : function(podaci){
            korIme.classList.remove("crvena");
            korIme.classList.add("zelena");
            sifra.classList.remove("crvena");
            sifra.classList.add("zelena");
            document.getElementById("rezultat").innerHTML = "Uspesna
registracija <a href='index.php?page=login' class='kupovina-link'>Ulogujte
se!</a>";
        },
        error:function(error, xhr, status){
            console.log(error);
            var arr = error.responseJSON;
            var ispis = '';
            arr.forEach(function(element){
                ispis+= element + "<br>";
            });
            document.getElementById("rezultat").innerHTML = ispis;
        }
    });
}
});
}

```

singleProduct.js

```
window.onload = function(){
    var korpa = document.getElementById("Korpa");
    korpa.addEventListener("click",function(){
        console.log("Aleksa");
        var idProizvod = this.dataset.id;
        var idKorisnik = this.dataset.korisnik;
        $.ajax({
            data:{
                idProizvod : idProizvod,
                idKorisnik : idKorisnik
            },
            dataType:"json",
            method:"POST",
            url:"./models/products/insertCart.php",
            success : function(podaci){
                document.getElementById('rezultat').innerHTML = podaci;
            },
            error:function(error, xhr, status){
                console.log(error);
            }
        });
    });
};
```

Update product.js

```
window.onload = function(){
    document.getElementById("update").addEventListener("click",function(){
        var elementi = document.getElementsByClassName("forma__item");
        var id = this.dataset.id;
        var naziv = elementi[0].value;
        var cena = elementi[1].value;
        var opis = elementi[2].value;
        var sastojci = elementi[3].value;
        var drzava = elementi[4].options[elementi[4].selectedIndex].value;
        var kategorija = elementi[5].options[elementi[5].selectedIndex].value;
        console.log(id);
        $.ajax({
            url: 'models/products/update.php',
            method: 'POST',
            data: {
                id: id,
```

```
        naziv: naziv,  
        cena: cena,  
        opis: opis,  
        sastojci: sastojci,  
        drzava: drzava,  
        kategorija: kategorija  
    },  
    dataType: 'json',  
    success: function(data){  
        alert("USPESNA IZMENA!!!!");  
    },  
    error: function(greska, status, statusText){  
        console.log(greska);  
    }  
});  
  
});  
  
}
```

Vesti.js

```
$(document).ready(function(){
    $("body").on("click", ".strance", function(){

        let limit = $(this).data("limit");

        $.ajax({
            url: "models/news/getPagination.php",
            method: "GET",
            data: {
                limit: limit
            },
            success: function(data){
                ispisVesti(data.news);
                ispisPaginacije(data.numNews);
            },
            error: function(error){
                console.log(error);
            }
        })

    });
});

function ispisVesti(arr){
    var html = "";
    arr.forEach(function(element){
        html+=`<div class="paragraph">
        <h3>${element.naslov}</h3>
        <p>${element.sadrzaj}</p>
        </div>`;
    });

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

function ispisPaginacije(arr){
    let html = "";
    for(let i = 0; i < arr; i++){
        html += `
        <a class="strance" data-limit="${ i }">
            ${ i + 1 }
        </a>
        `;
    }
    $("#popular").html(html);
}
```

Config.php

```
<?php

define("BASE_URL", $_SERVER['DOCUMENT_ROOT'].'/SajtPraktikumPHP/');

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

//echo BASE_URL;

function env($parametar){
    $file = file(BASE_URL . "config/.env");

    $vrednost = "";

    foreach($file as $red){
        $podaci = explode("=", trim($red));
        if($parametar == $podaci[0]){
            $vrednost = $podaci[1];
        }
    }
    return $vrednost;
}
```

Connection.php

```
<?php

require_once "config.php";
try {

    zabeleziPristup();

    $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();
}

function executeQuery($query){
```



```

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

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

function zabeleziPristup(){
    if(isset($_GET['page'])){
        $file = fopen(BASE_URL . "data/log.txt", "r+");

        $niz = file(BASE_URL . "data/log.txt");
        $string = "";
        foreach($niz as $deoNiza){
            $noviNiz = explode("&",$deoNiza);
            if($noviNiz[0] == $_GET['page']){

                $noviNiz[1] = (int)$noviNiz[1] + 1;
                $noviRed = implode("&", $noviNiz);
                $string .= trim($noviRed) . "\n";
            }
            else{
                $string .= trim($deoNiza)."\n";
            }
        }
        fwrite($file, $string);

        fclose($file);
    }
}

```

MODELS/NEWS

Delete.php

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

if(isset($_GET['id'])){
    include "functions.php";
    require_once '../../config/connection.php';

    $id = $_GET['id'];
    $rezultat = $conn->prepare("DELETE FROM vest WHERE id = ?");
    $rezultat->bindValue(1, $id);

    try {
        $rezultat->execute();
        http_response_code(200); // 204 - Success and No content (Nothing to
return)
        $products = getAllNews();
        echo json_encode($products);
    }
    catch(PDOException $ex){
        echo json_encode(['poruka'=> 'Problem sa bazom: ' . $ex->getMessage()]);
        http_response_code(500);
    }
} else {
    http_response_code(400); // 400 - Bad request
}
```

Functions.php

```
<?php

function getAllNews(){
    return executeQuery("SELECT * FROM vest");
}

DEFINE("NEWS_NUM", 5);

function getNews($limit = 0){
    global $conn;
    try{
        $select = $conn->prepare("SELECT * FROM vest LIMIT :limit, :news_count");

        $limit = ((int) $limit) * NEWS_NUM;

        $select->bindParam(":limit", $limit, PDO::PARAM_INT);

        $news_count = NEWS_NUM;
        $select->bindParam(":news_count", $news_count, PDO::PARAM_INT);

        $select->execute();

        $news = $select->fetchAll();

        return $news;
    }
    catch(PDOException $ex){
        return null;
    }
}

function countNews(){
    return executeQueryOneRow("SELECT COUNT(*) AS num_of_news FROM vest");
}

function paginationNum(){

    $result = countNews();

    $numOfNews = $result->num_of_news;

    return ceil($numOfNews / NEWS_NUM);
}

function newsInsert($naslov,$sadrzaj){
    global $conn;
    $insert = $conn->prepare("INSERT INTO vest VALUES(' ', ?, ?)");
    $isInserted = $insert->execute([$naslov,$sadrzaj]);
}
```

```
    return $isInserted;
}
```

getPagination.php

```
<?php

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

if(isset($_GET['limit'])){
    require_once "../config/connection.php";
    include "functions.php";

    $limit = $_GET['limit'];
    $news = getNews($limit);
    $numNews = paginationNum();

    echo json_encode([
        "news" => $news,
        "numNews" => $numNews
    ]);
} else {
    echo json_encode(["message"=> "Limit not passed."]);
    http_response_code(400);
}
```

insertNews.php

```
<?php
if(isset($_POST['btnSubmit'])){
    require_once "../config/connection.php";
    require_once "functions.php";

    $naslov = $_POST['naslov'];
    $sadrzaj = $_POST['sadrzaj'];

    try {

        $isProductInserted = newsInsert($naslov,$sadrzaj);
        if($isProductInserted){

            echo "Putanja do slike je upisana u bazu!";
            header("Location: ../index.php?page=adminVesti");
        }

    } catch(PDOException $ex){
        echo $ex->getMessage();
    }
}
```

```
}
```

MODELS/PRODUCTS

brojStranica.php

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

        include "functions.php";

        $rezultat = getAllProducts();

        echo sizeof($rezultat);
    }
```

BrojStranicaKat.php

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

        $rezultat = $conn->prepare("SELECT * FROM proizvod where idKategorija = :kat");
        $rezultat->bindparam(":kat", $_GET['id']);
        $rezultat->execute();

        echo $rezultat->rowCount();
    }
```

categoryFilter.php

```
<?php
if(isset($_GET['id'])){
    include 'functions.php';
    include '../../config/connection.php';
    header('Content-Type: application/json');
    $kategorije = proizvodFilter($_GET['id'],$_GET['broj']);

    echo json_encode($kategorije);
}
```

Delete.php

```

<?php

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

if(isset($_GET['id'])){
    include "functions.php";
    require_once '../../config/connection.php';

    $id = $_GET['id'];
    $rezultat = $conn->prepare("DELETE FROM proizvod WHERE id = ?");
    $rezultat->bindValue(1, $id);

    try {
        $rezultat->execute();
        http_response_code(200); // 204 - Success and No content (Nothing to
return)
        $products = getAllProducts();
        echo json_encode($products);
    }
    catch(PDOException $ex){
        echo json_encode(['poruka'=> 'Problem sa bazom: ' . $ex->getMessage()]);
        http_response_code(500);
    }
} else {
    http_response_code(400); // 400 - Bad request
}

```

ExportExcel.php

```

<?php

$excelApp = new COM("Excel.Application");
$excelApp->Visible = true;

$excelFile = $excelApp->WorkBooks->Add();

$workSheet = $excelFile->Worksheets("Sheet1");

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

include "functions.php";

$products = getAllProducts();

$br = 0;

$count = count($products);

for($i = 1; $i < $count+1; $i++){

```

```

        if($br == $count) break;

        $polje = $workSheet->Range("A".$i);
        $polje->activate;

        $polje->Value = $products[$br]->naziv;

        $polje = $workSheet->Range("B".$i);
        $polje->activate;

        $polje->Value = $products[$br]->cena;

        $polje = $workSheet->Range("C".$i);
        $polje->activate;

        $polje->Value = $products[$br]->opis;

        $polje = $workSheet->Range("D".$i);
        $polje->activate;

        $polje->Value = $products[$br]->sastojci;
        $br++;
    }

    $excelFile->_SaveAs("Proizvodi". time() . ".xlsx");

    $excelFile->Save();

    header("location:../../index.php?page=adminProizvod");

```

functions.php

```

<?php

function getAllProducts(){
    return executeQuery("SELECT * From proizvod");
}

function getOneProduct($id){
    global $conn;
    try {
        $select = $conn->prepare("SELECT p.id AS proizvodId, p.naziv as naziv,
p.opis, p.sastojci, p.cena,s.velika,d.naziv AS drzava FROM proizvod p INNER JOIN
slika s ON p.idSlika = s.id INNER JOIN drzava d ON p.idDrzava = d.id WHERE p.id =
?");
        $select->execute([$id]);
    }
}

```

```

        $proizvod = $select->fetch();

        return $proizvod;
    } catch(PDOException $ex){
        return $ex;
    }
}

define("UPIT","SELECT p.naziv,p.cena,s.mala,p.id FROM proizvod p INNER JOIN slika s
ON p.idSlika = s.id");
function cenaRastuce($num){
    global $conn;
    $rezultat = $conn->prepare(UPIT." ORDER BY p.cena LIMIT :num,9");
    $rezultat->bindParam(":num", $num, PDO::PARAM_INT);
    $rezultat->execute();
    return $rezultat->fetchAll();
}
function cenaOpadajuce($num){
    global $conn;
    $rezultat = $conn->prepare(UPIT." ORDER BY p.cena DESC LIMIT :num,9");
    $rezultat->bindParam(":num", $num, PDO::PARAM_INT);
    $rezultat->execute();
    return $rezultat->fetchAll();
}
function nazivRastuce($num){
    global $conn;
    $rezultat = $conn->prepare(UPIT." ORDER BY p.naziv LIMIT :num,9");
    $rezultat->bindParam(":num", $num, PDO::PARAM_INT);
    $rezultat->execute();
    return $rezultat->fetchAll();
}
function nazivOpadajuce($num){
    global $conn;
    $rezultat = $conn->prepare(UPIT." ORDER BY p.naziv DESC LIMIT :num,9");
    $rezultat->bindParam(":num", $num, PDO::PARAM_INT);
    $rezultat->execute();
    return $rezultat->fetchAll();
}

function proizvodFilter($id,$broj){
    $broj = (int) $broj - 1;
    global $conn;
    $rezultat = $conn->prepare("SELECT p.naziv, p.id as id, p.cena, s.mala FROM
proizvod p INNER JOIN slika s ON p.idSlika = s.id WHERE p.idKategorija = :id LIMIT
".$broj.",9");
    try{
        $rezultat->bindParam(":id",$id);
        // $rezultat->bindParam(":broj",$broj);
        $rezultat->execute();
    }
}

```



```

        return $rezultat->fetchAll();
    }
    catch(PDOException $e){
        return $e;
    }
}

function getAllCategories(){
    return executeQuery("SELECT * FROM kategorija");
}
function getAllCountries(){
    return executeQuery("SELECT * FROM drzava");
}

function insert($putanjaOriginalnaSlika, $putanjaNovaSlika){
    global $conn;
    $insert = $conn->prepare("INSERT INTO slika VALUES(' ', ?, ?)");
    $isInserted = $insert->execute([$putanjaOriginalnaSlika, $putanjaNovaSlika]);
    return $conn->lastInsertId();
}

function productInsert($nazivNovi, $scena, $opis, $sastojci, $kategorija, $drzava, $slika){
    global $conn;
    $insert = $conn->prepare("INSERT INTO proizvod VALUES(' ', ?, ?, ?, ?, ?, ?, ?, ?)");
    $isInserted = $insert->execute([$nazivNovi, $scena, $opis, $sastojci, $drzava, $slika, $kategorija]);
    return $isInserted;
}

```

insertCart.php

```

<?php
    session_start();
    if(isset($_POST['idKorisnik'])){
        require_once '../config/connection.php';
        $rezultat = $conn->prepare("SELECT * FROM korpa_artikal WHERE idProizvod = :idProizvod AND idKorisnik = :idKorisnik");
        $rezultat->bindParam(":idKorisnik", $_POST['idKorisnik']);
        $rezultat->bindParam(":idProizvod", $_POST['idProizvod']);
        try{
            $rezultat->execute();
            if($rezultat->rowCount() == 1){
                $artikal = $rezultat->fetch();
                $kolicina = $artikal->kolicina;
                $kolicina = $kolicina + 1;
            }
        }
    }

```

```

        $rezultat2 = $conn->prepare("UPDATE korpa_artikal SET kolicina =
:kolicina WHERE idProizvod = :idProizvod AND idKorisnik = :idKorisnik");
        $rezultat2->bindParam(":kolicina", $kolicina);
        $rezultat2->bindParam(":idKorisnik", $_POST['idKorisnik']);
        $rezultat2->bindParam(":idProizvod", $_POST['idProizvod']);
        $rezultat2->execute();
        http_response_code(200);
        echo json_encode("Proizvod dodat u korpu!");
    }
    else{
        $rezultat3 = $conn->prepare("INSERT INTO korpa_artikal VALUES(null,
:idKorisnik, :idProizvod, 1)");
        $rezultat3->bindParam(":idKorisnik", $_POST['idKorisnik']);
        $rezultat3->bindParam(":idProizvod", $_POST['idProizvod']);
        $rezultat3->execute();
        http_response_code(200);
        echo json_encode("Proizvod dodat u korpu!");
    }
}
}
catch(PDOexception $e){
    http_response_code(500);
    echo json_encode($e);
}
}

```

insertProduct.php

```

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

    $nazivNovi = $_POST['naziv'];
    $cena = $_POST['cena'];
    $opis = $_POST['opis'];
    $sastojci = $_POST['sastojci'];
    $kategorija = $_POST['kategorija'];
    $drzava = $_POST['drzava'];

    $fajl_naziv = $_FILES['slika']['name'];
    $fajl_tmpLokacija = $_FILES['slika']['tmp_name'];
    $fajl_tip = $_FILES['slika']['type'];
    $fajl_velicina = $_FILES['slika']['size'];

    $greske = [];
}

```

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

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

    list($sirina, $visina) = getimagesize($fajl_tmpLokacija);

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

    $novaSirina = 105;
    $novaVisina = ($novaSirina/$sirina) * $visina;

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

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

    $naziv = time().$fajl_naziv;
    $putanjaNovaSlika = 'assets/images/products/nova_'. $naziv;

    switch($fajl_tip){
        case 'image/jpeg':
            imagejpeg($novaSlika, '../../'.$putanjaNovaSlika, 75);
            break;
        case 'image/png':
            imagepng($novaSlika, '../../'.$putanjaNovaSlika);
            break;
    }

    $putanjaOriginalnaSlika = 'assets/images/products/'. $naziv;

    if(move_uploaded_file($fajl_tmpLokacija,
    '../../'.$putanjaOriginalnaSlika)){
        echo "Slika je upload-ovana na server!";

        try {
            $slika = insert($putanjaOriginalnaSlika, $putanjaNovaSlika);
```

```

        $isProductInserted = productInsert($nazivNovi, $cena, $opis,
        $sastojci, $kategorija, $drzava, $slika);
        if($isProductInserted){

            echo "Putanja do slike je upisana u bazu!";
            header("Location: ../../index.php?".$isInserted);
        }

    } catch(PDOException $ex){
        echo $ex->getMessage();
    }
}
}
}

```

Sort.php

```

<?php
if(isset($_GET['str'])){
    include "../../config/connection.php";
    include "functions.php";
    $vrednost = $_GET['str'];
    $broj = $_GET['num'] -1;

    $rezultat;

    switch($vrednost){
        case "cenaRastuce" :
            $rezultat = cenaRastuce($broj);
            break;
        case "cenaOpadajuce" :
            $rezultat = cenaOpadajuce($broj);
            break;
        case "nazivRastuce":
            $rezultat = nazivRastuce($broj);
            break;
        case "nazivOpadajuce":
            $rezultat = cenaRastuce($broj);
            break;
    }
    echo json_encode($rezultat);
}

```

Update.php

```
<?php

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

if(isset($_POST['id']) && isset($_POST['naziv'])){
    require_once '../../config/connection.php';

    $id = $_POST['id'];
    $cena = $_POST['cena'];
    $naziv = $_POST['naziv'];
    $opis = $_POST['opis'];
    $sastojci = $_POST['sastojci'];
    $kategorija = $_POST['kategorija'];
    $drzava = $_POST['drzava'];

    $rezultat = $conn->prepare("UPDATE proizvod SET naziv = ?, cena = ?, opis = ?,
sastojci = ?, idDrzava = ?, idKategorija = ? WHERE id = ?");

    $rezultat->bindValue(1, $naziv);
    $rezultat->bindValue(2, $cena);
    $rezultat->bindValue(3, $opis);
    $rezultat->bindValue(4, $sastojci);
    $rezultat->bindValue(5, $drzava);
    $rezultat->bindValue(6, $kategorija);
    $rezultat->bindValue(7, $id);

    try {
        $rezultat->execute();
        http_response_code(204);
    }
    catch(PDOException $ex){
        echo json_encode(['poruka'=> 'Problem sa bazom: ' . $ex->getMessage()]);
        http_response_code(500);
    }
} else {
    http_response_code(400);
}
```

Models/USER

Update.php

```
<?php

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

if(isset($_POST['id']) && isset($_POST['ime'])){
    require_once '../../config/connection.php';
    $id = $_POST['id'];
    $korisnicko = $_POST['korisnicko'];
    $ime = $_POST['ime'];
    $prezime = $_POST['prezime'];
    $grad = $_POST['grad'];
    $ulica = $_POST['ulica'];
    $uloga = $_POST['uloga'];

    $rezultat = $conn->prepare("UPDATE korisnik SET korisnickoIme = ?, ime = ?,
prezime = ?, idGrad = ?, ulica = ?, idUloga = ? WHERE id = ?");

    $rezultat->bindValue(1, $korisnicko);
    $rezultat->bindValue(2, $ime);
    $rezultat->bindValue(3, $prezime);
    $rezultat->bindValue(4, $grad);
    $rezultat->bindValue(5, $ulica);
    $rezultat->bindValue(6, $uloga);
    $rezultat->bindValue(7, $id);

    try {
        $rezultat->execute();
        http_response_code(204);
    }
    catch(PDOException $ex){
        echo json_encode(['poruka'=> 'Problem sa bazom: ' . $ex->getMessage()]);
        http_response_code(500);
    }
} else {
    http_response_code(400);
}
```

Registration.php

```
<?php
    header('Content-Type: application/json');
    if(isset($_POST['korIme']) && isset($_POST['sifra'])){
        include "../config/connection.php";
        include "functions.php";

        $reKorIme = '/^[\\w]{3,19}$/';
        $reSifra = '/^[\\w]{3,19}$/';
        $reIme = '/^[A-Z]{1}[a-z]{3,12}$/';
        $rePrezime = '/^[A-Z]{1}[a-z]{3,15}$/';
        $reEmail = '/^[\\w+([\\.-]?\\w+)*@[\\w+([\\.-]?\\w+)*\\.\\w{2,3})+$/';
        $reUlica = '/^[\\w\\s]{4,25}$/';

        $korIme = $_POST['korIme'];
        $sifra = md5(trim($_POST['sifra']));
        $email = $_POST['email'];
        $ime = $_POST['ime'];
        $prezime = $_POST['prezime'];
        $grad = $_POST['gradVrednost'];
        $ulica = $_POST['ulica'];

        $nizGreske = [];

        if(userExists($korIme) == 1){
            $nizGreske[] = "Uneli ste postojece korisnicko ime.";
        }
        if(emailExists($email)==1){
            $nizGreske[] = "Uneli ste postojeci email.";
        }
        if(!preg_match($reKorIme, $korIme)){
            $nizGreske[] = "Korisnicko ime je u losem formatu!";
        }
        if(!preg_match($reIme, $ime)){
            $nizGreske[] = "Ime je u losem formatu!";
        }
        if(!preg_match($rePrezime, $prezime)){
            $nizGreske[] = "Prezime je u losem formatu!";
        }
        if(!preg_match($reEmail, $email)){
            $nizGreske[] = "Email je u losem formatu!";
        }
        if($grad < 1){
            $nizGreske[] = "Morate izabrati grad!";
        }
        if(!preg_match($reUlica, $ulica)){
            $nizGreske[] = "Ulica je u losem formatu!";
        }
    }
```

```

    }
    if(count($nizGreske) > 0){
        echo json_encode($nizGreske);
        http_response_code(500);
    }
    else{
        $rezultat = $conn->prepare("INSERT INTO korisnik VALUES (NULL, ?, ? , ?
, ? , ?, ?, ?, ?)");
        try{
            $rezultat->execute( [ $korIme, $email, $sifra, $ime, $prezime,
$ulica, $grad, 456] );
            http_response_code(201);
            echo json_encode(["uspeh"=> "Uspesna registracija!"]);
        }
        catch(PDOException $ex){
            echo json_encode(['poruka'=> 'Problem sa bazom: ' . $ex-
>getMessage()]);
            http_response_code(500);
        }
    }
}
}

```

Logout.php

```

<?php
    session_start();
    if(isset($_SESSION['korisnik'])){
        unset($_SESSION['korisnik']);
        header("location: ../../index.php");
        $fajl = fopen("../data/userCount.txt", "r");
        $vrednost = fread($fajl, filesize("../data/userCount.txt"));
        $upise = $vrednost - 1;
        $fajl2 = fopen("../data/userCount.txt", "r");
        fwrite($fajl2, $upise);
        fclose($fajl);
        fclose($fajl2);
    }
}

```

Loginuser.php

```

<?php
    session_start();
    header('Content-Type: application/json');
    if(isset($_GET['korIme']) && isset($_GET['sifra'])){
        include "../config/connection.php";
        include "functions.php";
    }
}

```



```

$korIme = $_GET['korIme'];
$sifra = md5(trim($_GET['sifra']));

if(userExists($korIme) == 0){
    echo json_encode(['message'=> "Uneli ste nepostojece korisnicko ime.",
'num' => 0]);
    http_response_code(500);
    $korisnik = specificUserName($korIme);
    $msg = "Postovani ".$korisnik->ime." Da li ste vi pokusali da se
ulogujete na vas email? Molimo kontaktirajte naseg administratora ako imate
problema sa logovanjem";

    $msg = wordwrap($msg,70);

    mail($korisnik->email,"Pokusaj pristupa nalogu",$msg);
}
else{
    $res = $conn->prepare("SELECT * FROM korisnik WHERE korisnickoIme =
:korIme AND sifra = :sifra");
    $res->bindParam(":korIme", $korIme);
    $res->bindParam(":sifra", $sifra);
    $res->execute();
    $brojRedova = $res->rowCount();
    if($brojRedova == 0){
        echo json_encode(['message'=> "Uneli ste pogresnu sifru.", 'num' =>
1]);
        http_response_code(500);

    }
    else if($brojRedova == 1){
        echo json_encode(['message'=> "Uspesno logovanje!"]);
        http_response_code(200);
        $_SESSION['korisnik'] = $res->fetch();
        $fajl = fopen("../data/userCount.txt", "r");
        $vrednost = fread($fajl, filesize("../data/userCount.txt"));
        $upise = $vrednost + 1;
        $fajl2 = fopen("../data/userCount.txt", "r");
        fwrite($fajl2, $upise);
        fclose($fajl);
        fclose($fajl2);
    }
}
}
else{
    header("location: ../index.php");
}
}

```

Gradovi.php

```
<?php
    if(isset($_GET['marker'])){
        include "../../config/connection.php";
        $rezultat = executeQuery("SELECT * FROM grad");
        echo json_encode($rezultat);
        http_response_code(200);
    }
```

Functions.php

```
<?php
    function getAllUsers(){
        return executeQuery("SELECT k.*, u.id AS ulogaId, uloga from korisnik k
INNER JOIN uloga u ON k.idUloga = u.id");
    }
    function userExists($user){
        global $conn;
        $res = $conn->prepare("SELECT * FROM korisnik WHERE korisnickoIme =
:korIme");
        $res->bindParam(":korIme", $user);
        $res->execute();
        return $res->rowCount();
    }
    function emailExists($email){
        global $conn;
        $res = $conn->prepare("SELECT * FROM korisnik WHERE email = :email");
        $res->bindParam(":email", $email);
        $res->execute();
        return $res->rowCount();
    }
    function userValid($korIme, $sifra){
        global $conn;
        $res = $conn->prepare("SELECT * FROM korisnik WHERE korisnickoIme = :korIme
AND sifra = :sifra");
        $res->bindParam(":korIme", $korIme);
        $res->bindParam(":sifra", $sifra);
        $res->execute();
        $brojRedova = $res->rowCount();
        return $res->fetch();
    }
    function specificUser($id){
        global $conn;
        $res = $conn->prepare("SELECT * FROM korisnik WHERE id = :id");
        $res->bindParam(":id", $id);
        $res->execute();
        return $res->fetch();
    }
```

```

    }
    function specificUserName($user){
        global $conn;
        $res = $conn->prepare("SELECT * FROM korisnik WHERE korisnickoIme = :user");
        $res->bindParam(":user", $user);
        $res->execute();
        return $res->fetch();
    }

```

exportExcel.php

```

<?php

$excelApp = new COM("Excel.Application");
$excelApp->Visible = true;

$excelFile = $excelApp->WorkBooks->Add();

$workSheet = $excelFile->Worksheets("Sheet1");

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

include "functions.php";

$users = getAllUsers();

$br = 0;

$count = count($users);

for($i = 1; $i < $count+1; $i++){
    if($br == $count) break;

    $polje = $workSheet->Range("A".$i);
    $polje->activate;

    $polje->Value = $users[$br]->korisnickoIme;

    $polje = $workSheet->Range("B".$i);
    $polje->activate;

    $polje->Value = $users[$br]->ime;

    $polje = $workSheet->Range("C".$i);
    $polje->activate;

    $polje->Value = $users[$br]->prezime;

```

```

        $polje = $workSheet->Range("D".$i);
        $polje->activate;

        $polje->Value = $users[$br]->uloga;

        $polje = $workSheet->Range("E".$i);
        $polje->activate;

        $polje->Value = $users[$br]->email;
        $br++;
    }

    $excelFile->_SaveAs("Proizvodi". time() . ".xlsx");

    $excelFile->Save();

    header("location:../../index.php?page=adminKorisnici");

```

DeleteUser.php

```

<?php

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

if(isset($_GET['id'])){
    include "functions.php";
    require_once '../../config/connection.php';

    $id = $_GET['id'];
    $rezultat = $conn->prepare("DELETE FROM korisnik WHERE id = ?");
    $rezultat->bindValue(1, $id);

    try {
        $rezultat->execute();
        http_response_code(200);
        $users = getAllUsers();
        echo json_encode($users);
    }
    catch(PDOException $ex){
        echo json_encode(['poruka'=> 'Problem sa bazom: ' . $ex->getMessage()]);
        http_response_code(500);
    }
} else {
    http_response_code(400);
}

```

VIEWS/FIXED

Footer.php

```
</div>
    </div>
</body>
</html>
```

Head.php

```
<?php session_start();
    require_once "../config/connection.php";
?>
<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">

        <link href="https://fonts.googleapis.com/css?family=Open+Sans:300,400,600"
rel="stylesheet">
        <link rel="stylesheet" href="assets/css/style.css">
        <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
        <title>Organico</title>
    </head>
```

HEADER.php

```
<body>
    <div id="container">
        <?php
            if(isset($_SESSION['korisnik']) && $_SESSION['korisnik']->idUloga == 234):
        ?>
        <div id="adminPanel">
            <a href="index.php?page=adminProizvod">Upravljanje Proizvodima</a>
            <a href="index.php?page=adminVesti">Upravljanje Vestima</a>
            <a href="index.php?page=adminKorisnici">Upravljanje Korisnicima</a>
            <a href="index.php?page=statistika">Statistika Pristupa</a>
        </div>
        <?php endif; ?>
    <header id="header">
        

        <?php
            if(isset($_SESSION['korisnik']))
                echo "<h3>Pozdrav " . $_SESSION['korisnik']->ime . "!</h3>";
        ?>
```

```

        <div class="cart">
            <a href="index.php?page=kolica">
                <svg class="cart__icon">
                    <use xlink:href="assets/img/sprite.svg#icon-shopping-
cart"></use>

                </svg>
                <span id="cart__number" class="cart__number">0</span>
            </a>
            <?php if(!isset($_SESSION['korisnik'])): ?>
            <a href="index.php?page=login" class="login">Prijava</a>
            <?php else: ?>
            <a href="models/user/logout.php" class="login">Odjava</a>
            <?php endif; ?>
        </div>
</header>

```

Nav.php

```

<div id="content">
<nav id="menu">
    <ul class="side-nav" id="side-nav">
        <?php
        $meni = executeQuery("SELECT * FROM meni");
        foreach($meni as $deoMenija):
            ?>
            <li class="side-nav__item">
                <a href="<?php echo "index.php?page=".$deoMenija->link ?>" class="side-
nav__link" id="<?php echo $deoMenija->naziv ?>">
                    <svg class="side-nav__icon">
                        <use xlink:href="./assets/img/sprite.svg#icon-<?php echo
$deoMenija->ikona ?>"></use>
                    </svg>
                    <span><?php echo $deoMenija->naziv ?></span>
                </a>
            </li>

            <?php endforeach; ?>
        </ul>
        <a href="dokumentacija.pdf" class="side-nav__link-doc">DOKUMENTACIJA</a>
    </nav>

```

VIEWS/PAGES

adminKorisnici.php

```
<main class="mainSingle">
  <div class="main-contentSingle">
    <div class="glavniProizvod" id="adminProizvod">
      <a href='index.php?page=korisnikUnos' class="dodajProizvod">Dodaj
Korsnika</a>
      <?php

          $korisnici = executeQuery("SELECT k.*, u.id AS ulogaId, uloga from
korisnik k INNER JOIN uloga u ON k.idUloga = u.id");

          foreach($korisnici as $korisnik):
            ?>
            <p class="proizvodLink">Ime i Prezime: <?=$korisnik->ime?>, <?=$korisnik-
>prezime?> Uloga: <?=$korisnik->uloga?>      <span class="izmena"> <a
href="index.php?page=izmeniKorisnika&id=<?=$korisnik->id?>">Izmeni</a> <a
class="obrisi" data-id="<?=$korisnik->id?>">Obrisi</a> </span></p>
            <?php endforeach; ?>
            <a href="models/user/exportEXCEL.php" class="dodajProizvod">Export u
excel</a>
          </div>
        </div>
      <script src="assets/js/adminUser.js"></script>
</main>
```

AdminProizvod.php

```
<main class="mainSingle">
  <div class="main-contentSingle">
    <div class="glavniProizvod" id="adminProizvod">
      <a href='index.php?page=proizvodUnos' class="dodajProizvod">Dodaj
Proizvod</a>
      <?php
        include "models/products/functions.php";

        $proizvodi = getAllProducts();

        foreach($proizvodi as $proizvod):
          ?>
```

```

        <p class="proizvodLink">Naziv: <?=$proizvod->naziv ?>, Cena: <?=$proizvod-
>cena?>
        <span class="izmena"> <a
href="index.php?page=updateProduct&id=<?=$proizvod->id?>">Izmeni</a> <a
class="obrisi" data-id="<?=$proizvod->id?>">Obrisi</a> </span></p>
        <?php endforeach; ?>
        <a href="models/products/exportEXCEL.php" class="dodajProizvod">Export
u excel</a>
    </div>
</div>
<script src="assets/js/adminProduct.js"></script>
</main>

```

AdminVesti.php

```

<main class="mainSingle">
    <div class="main-contentSingle">
        <div class="glavniProizvod" id="adminProizvod">
            <a href='index.php?page=vestUnos' class="dodajProizvod">Dodaj Vest</a>
            <?php
                include "models/news/functions.php";

                $vesti = getAllNews();

                foreach($vesti as $vest):
                    ?>
                    <p class="proizvodLink">Naziv: <?=$vest->naslov ?>
                    <span class="izmena">
<a class="obrisi" data-id="<?=$vest->id?>">Obrisi</a> </span></p>
                    <?php endforeach; ?>
                </div>
            </div>
            <script src="assets/js/adminNews.js"></script>
        </main>

```

izmeniKorisnika.php

```

<main class="mainSingle">
<?php
    include "models/user/functions.php";

    $korisnik = specificUser($_GET['id']);
    ?>
    <div class="main-contentSingle">
        <div class="glavniProizvod">
            <form class="forma" method="post" action="models/user/update.php">
                <input type="hidden" name="id" value="<?=$_GET['id'] ?>">
                <h3>Korisnicko Ime</h3>
                <input type="text" class="forma__item reg" name="korisnicko"
value="<?=$korisnik->korisnickoIme ?>">
            </form>
        </div>
    </div>

```



```

        <h3>Ime</h3>
        <input type="text" class="forma__item reg" name="ime"
value="<?=$korisnik->ime ?>">
        <h3>Prezime</h3>
        <input type="text" class="forma__item reg" name="prezime"
value="<?=$korisnik->prezime ?>">
        <h3>Email</h3>
        <input type="text" class="forma__item reg" name="email"
value="<?=$korisnik->email ?>">
        <h3>Sifra</h3>
        <input type="text" class="forma__item reg" name="sifra"
value="<?=$korisnik->sifra ?>">
        <h3>Grad</h3>
        <select class="forma__item reg" name="grad">
            <option value="0">Izaberite grad...</option>
            <?php $gradovi = executeQuery("SELECT * FROM grad");
                foreach($gradovi as $grad):
            ?>
            <?php
                if($grad->id == $korisnik->idGrad):
            ?>
            <option value="<?=$grad->id?>" selected><?=$grad->naziv
?></option>

            <?php
                else:
            ?>
            <option value="<?=$grad->id?>" ><?=$grad->naziv ?></option>
            <?php endif; ?>
            <?php endforeach; ?>
        </select>
        <h3>Ulica</h3>
        <input name="ulica" type="text" class="forma__item reg"
value="<?=$korisnik->ulica ?>">
        <h3>Uloga</h3>
        <select class="forma__item reg" name="uloga">
            <option value="0">Izaberite ulogu...</option>
            <?php $uloge = executeQuery("SELECT * FROM uloga");
                foreach($uloge as $uloga):
            ?>
            <?php
                if($uloga->id == $korisnik->idUloga):
            ?>
            <option value="<?=$uloga->id?>" selected><?=$uloga->uloga
?></option>

            <?php
                else:
            ?>
            <option value="<?=$uloga->id?>" ><?=$uloga->uloga ?></option>
            <?php endif; ?>

```

```

                                <?php endforeach; ?>
                        </select>

                        <input class="forma__item reg" type="submit" value="Izmeni"
name="btnUpdate">
                </form>
                <div id="rezultat"></div>
                </div>
        </div>
</main>

```

Kolica.php

```

<main class="mainSingle">
    <div class="main-contentSingle main-proizvodi">

        <div class="glavniProizvod">
            <div class="cart-products">
                <?php
                    if(!isset($_SESSION['korisnik'])):
                ?>
                <h2>Morate se ulogovati da bi ste koristili korpu!</h2>
                <?php else:
                    $id = $_SESSION['korisnik']->id;

                    $rezultat = $conn->prepare("SELECT * FROM korpa_artikal k INNER
JOIN proizvod p on p.id = k.idProizvod INNER JOIN slika s on s.id = p.idSlika WHERE
k.idKorisnik = :idKorisnik");
                    $rezultat->bindParam(":idKorisnik", $id);
                    $rezultat->execute();
                    $korpa = $rezultat->fetchAll();
                    foreach($korpa as $deoKorpe):
                ?>

                    <div class="product-cart">
                        <div class="product-image">
                            
                        </div>
                        <div class="product-info-cart">
                            <h5><?=$deoKorpe->naziv ?></h5><h6><?=$deoKorpe->cena ?>,00
rsd</h6><h6>Kolicina: <?=$deoKorpe->kolicina ?></h6>
                        </div>
                    </div>
                <?php endforeach; ?>

                <?php endif; ?>
            </div>
        </div>
    </div>

```

```
</div>
</main>
```

Kontakt.php

```
<main class="main">
    
    <div class="forma">
        <form class="main__form">
            <input placeholder="Ime i prezime" type="text"
class="main__text" id="imePrezime">
            <input placeholder="Email" type="text"
class="main__text" id="email">
            <input type="text" id="poruka" class="main__text"
placeholder="Vasa Poruka">
            <a class="main__link" id="klik">Submit</a>
            <h2 id="rezultat"></h2>
        </form>
    </div>
</main>
```

korisnikUnos.php

```
<main class="mainSingle">
<?php
    include "models/products/functions.php";
?>
    <div class="main-contentSingle">
        <div class="glavniProizvod">
            <form class="forma" enctype="multipart/form-data" method="post"
action="models/products/insertProduct.php">
                <h3>Korisnicko Ime</h3>
                <input type="text" class="forma__item reg" name="naziv">
                <h3>Ime</h3>
                <input type="text" class="forma__item reg" name="naziv">
                <h3>Prezime</h3>
                <input type="text" class="forma__item reg" name="cena">
                <h3>Email</h3>
                <input type="text" class="forma__item reg" name="opis">
                <h3>Sifra</h3>
                <input type="password" class="forma__item reg" name="sastojci">
                <h3>Grad</h3>
                <select class="forma__item reg">
                    <option value="0">Izaberite grad...</option>
                    <?php $gradovi = executeQuery("SELECT * FROM grad");
                        foreach($gradovi as $grad):
                            ?>
                            <option value="<?=$grad->id?"><?=$grad->naziv ?></option>
                            <?php endforeach; ?>
                </select>
```

```

        <h3>Ulica</h3>
        <input type="text" class="forma__item reg">
        <h3>Uloga</h3>
        <select class="forma__item reg">
            <option value="0">Izaberite ulogu...</option>
            <?php $uloge = executeQuery("SELECT * FROM uloga");
                foreach($uloge as $uloga):
            ?>
            <option value="<?=$uloga->id?"><?=$uloga->uloga ?></option>
            <?php endforeach; ?>
        </select>

        <a id="btnReg" class="forma__item">Dodaj</a>
    </form>
    <div id="rezultat"></div>
</div>
<script type="module" src="assets/js/reg.js" type="text/javascript"></script>
</main>

```

Login.php

```

<main class="main">
    
    <div id="container-login">
        <form class="forma">
            <input type="text" placeholder="Korisnicko Ime" class="forma__item"
id="imePrez" name="korIme">
            <input id="sifra" type="password" placeholder="Sifra"
class="forma__item" id="sifra" name="sifra">
            <a id="btnLogin" class="forma__item">Prijava</a>

        </form>
        <div id="rezultat"></div>
        <div class="login-registration" >
            <p>Nemate nalog?</p><a href="index.php?page=registracija">registrujte
se</a>
        </div>
    </div>
    <script type="module" src="assets/js/main.js"
type="text/javascript"></script>
</main>

```

Onama.php

```

<main class="main">
    

```

```

        
        <h2 class="about-desc">Ovo je sajt koji je pravljen za predmet
Praktikum iz Web Progmiranja PHP</h2>
</main>

```

Pocetna.php

```

<main class="main">
    
    <div class="main-content">
        <div class="news">
            <h2>Vesti</h2>
            <div id="vijesti">
                <?php
                    include "models/news/functions.php";
                    $limit = isset($_GET['limit'])? $_GET['limit'] : 0;

                    $vesti = getNews($limit);

                    foreach($vesti as $vest):
                        ?>
                        <div class="paragraph">
                            <h3><?=$vest->naslov?></h3>
                            <p><?=$vest->sadrzaj?></p>
                        </div>
                        <?php endforeach; ?>
                    </div>
                    <div class="pagination" id="paginacija">
                        <?php
                            $num_of_news = paginationNum();
                            for($i = 0; $i < $num_of_news; $i++):
                                ?>
                                    <a class="strance" data-limit="<?= $i ?>"><?= $i+1 ?></a>
                                <?php endfor; ?>
                            </div>
                        </div>
                        <div class="popular" id="popular">
                            </div>
                        </div>
                        <script src="assets/js/vesti.js"></script>
                    </main>

```

Proizvodi.php

```
<main class="main">
    <div class="main-content main-proizvodi">
        <div class="glavniProizvodi">
            <div id="proizvodi">

            </div>
            <div class="pagination" id="paginacija">
                <a class="strance">1</a>
                <a class="strance">2</a>
            </div>
        </div>
        <div class="categories">
            <select id="categories">
                <option class="categories__option" value="0"
hidden="true">Izaberite</option>
                <option class="categories__option" value="1" data-
tip="cenaRastuce">Ceni Rastuće</option>
                <option class="categories__option" value="2" data-
tip="cenaOpadajuce">Ceni Opadajuce</option>
                <option class="categories__option" value="3" data-
tip="nazivRastuce">Nazivu Rastuce</option>
                <option class="categories__option" value="4" data-
tip="nazivOpadajuce">Nazivu Opadajuce</option>
            </select>
            <div>
                <ul class="categories__list">
                    <h2 class="categories__title">Kategorije:</h2>
                    <?php

                    $kategorije = executeQuery("SELECT * FROM
kategorija");

                    foreach($kategorije as $kategorija):
                        ?>
                        <li data-id="<?=$kategorija->id ?>" data-
broj="1" class="categories__item" ><?=$kategorija->naziv ?></li>
                        <?php endforeach; ?>
                    </ul>
                </div>
            </div>
        </div>
        <script type="module" src="assets/js/products.js"
type="text/javascript"></script>
</main>
```

proizvodUnos.php

```
<main class="mainSingle">
<?php
    include "models/products/functions.php";
?>
    <div class="main-contentSingle">
        <div class="glavniProizvod">
            <form class="forma" enctype="multipart/form-data" method="post"
action="models/products/insertProduct.php">
                <h3>Naziv</h3>
                <input type="text" class="forma__item reg" name="naziv">
                <h3>Cena</h3>
                <input type="text" class="forma__item reg" name="cena">
                <h3>Opis</h3>
                <input type="text" class="forma__item reg" name="opis">
                <h3>Sastojci</h3>
                <input type="text" class="forma__item reg" name="sastojci">
                <h3>Slika</h3>
                <input type="file" name="slika" class="forma__item reg"
name="slika">
                <h3>Drzava</h3>
                <select class="forma__item reg" name="drzava">
                    <option>izaberite</option>
                    <?php
                        $drzave = getAllCountries();

                        foreach($drzave as $drzava):
                            ?>
                            <option value="<?=$drzava->id?>"><?=$drzava->naziv?></option>
                            <?php
                                endforeach;
                            ?>
                        </select>
                <h3>Kategorija</h3>
                <select class="forma__item reg" name="kategorija">
                    <option>izaberite</option>
                    <?php
                        $kategorije = getAllCategories();

                        foreach($kategorije as $kategorija):
                            ?>
                            <option value="<?=$kategorija->id?>"><?=$kategorija-
>naziv?></option>
                            <?php
                                endforeach;
                            ?>
                        </select>
```

```

        <input type="submit" id="btnReg" class="forma__item" value="Dodaj"
name="btnSubmit">
    </form>
</div>
</div>
</main>

```

Registracija.php

```

<main class="main">
    
    <div id="container-login">
        <form class="forma">
            <h3>Korisnicko Ime</h3>
            <input type="text" class="forma__item reg">
            <h3>Ime</h3>
            <input type="text" class="forma__item reg">
            <h3>Prezime</h3>
            <input type="text" class="forma__item reg">
            <h3>Email</h3>
            <input type="text" class="forma__item reg">
            <h3>Sifra</h3>
            <input id="sifra" type="password" class="forma__item reg" id="sifra"
name="sifra">
            <h3>Grad</h3>
            <select class="forma__item reg">
                <option value="0">Izaberite grad...</option>
                <?php $gradovi = executeQuery("SELECT * FROM grad");
                foreach($gradovi as $grad):
                ?>
                <option value="<?=$grad->id?>"><?=$grad->naziv ?></option>
                <?php endforeach; ?>
            </select>
            <h3>Ulica</h3>
            <input type="text" class="forma__item reg">
            <a id="btnReg" class="forma__item">Registracija</a>

        </form>
        <div id="rezultat"></div>
    </div>
    <script type="module" src="assets/js/reg.js"
type="text/javascript"></script>
</main>

```


singleProduct.php

```
<?php
    if(!isset($_GET['id'])){
        header("Location: index.php");
    }
    include "models/products/functions.php";
    $proizvod = getOneProduct($_GET['id']);
?>
<main class="mainSingle">
    <div class="main-contentSingle main-proizvodi">

        <div class="glavniProizvod">
            <h1><?=$proizvod->naziv?></h1><h1 class="cena"><?=$proizvod->cena?></h1>
            <div class="slikaOmot">
                
            </div>
            <div class="infoProizvod">
                <ul class="opisProizvod">
                    <li>Zemlja porekla:<?=$proizvod->drzava?></li>
                    <li>Opis: <?=$proizvod->opis?></li>
                    <li>Sastojci: <?=$proizvod->sastojci ?></li>
                    <li id="rezultat"></li>
                <?php
                    if(isset($_SESSION['korisnik'])){
                        ?>
                        <a id="Korpa" class="korpaBtn" data-id="<?=$proizvod->proizvodId?>"
data-naziv="<?=$proizvod->naziv?>" data-korisnik="<?=$_SESSION['korisnik']->id
?>">Dodajte u korpu</a>
                        <?php
                            else:
                                ?>
                                <a class="korpaBtn" href="index.php?page=login">Morate biti
Ulogovani!</a>
                            <?php endif; ?>
                        </ul>
                    </div>
                </div>
            <div>
                </div>
            <script type="module" src="assets/js/singleProduct.js"
type="text/javascript"></script>
        </main>
```

STATISTIKA.php

```
<main class="mainSingle">
  <div class="main-contentSingle">

    <div class="glavniProzivod">
      <?php
        $fajl = fopen("data/userCount.txt", "r");
        $vrednost = fread($fajl, filesize("data/userCount.txt"));
        echo "<h2>Broj trenutno ulogovanih korisnika je : ".$vrednost."</h2>";
        fclose($fajl);
        $file = fopen("data/log.txt", "r");
        $niz = file("data/log.txt");
        $str = '';
        $brojUkupnih = 0;
        foreach($niz as $deoNiza){
          $vrednost = explode("&", $deoNiza);
          $brojUkupnih = $brojUkupnih + (int)$vrednost[1];
          $str = "<h3> Naziv stranice: ". $vrednost[0]. " broj poseta:
".$vrednost[1]. "</h3><br>";
          echo $str;
        }
        // echo $str;
        fclose($file);
      ?>
    </div>

  </div>

</main>
```

updateProduct.php

```
<?php
  include "models/products/functions.php";

  $proizvod = getOneProduct($_GET['id']);
?>

<main class="mainSingle">
  <div class="main-contentSingle">
    <div class="glavniProzivod">
      <form class="forma" enctype="multipart/form-data" method="post"
action="models/products/insertProduct.php">
        <h3>Naziv</h3>
        <input type="text" class="forma__item reg" name="naziv"
value="<?=$proizvod->naziv ?>">
        <h3>Cena</h3>
```

```

        <input type="text" class="forma__item reg" name="cena"
value="<?=$proizvod->cena ?>">
        <h3>Opis</h3>
        <input type="text" class="forma__item reg" name="opis"
value="<?=$proizvod->opis ?>">
        <h3>Sastojci</h3>
        <input type="text" class="forma__item reg" name="sastojci"
value="<?=$proizvod->naziv ?>">
        <h3>Drzava</h3>
        <select class="forma__item reg" name="drzava">
            <option>izaberite</option>
            <?php
                $drzave = getAllCountries();

                foreach($drzave as $drzava):
                    ?>
                <?php
                    if($drzava->id == $proizvod->drzava):
                        ?>
                        <option selected value="<?=$drzava->id?>"><?=$drzava-
>naziv?></option>
                        <?php else: ?>
                        <option selected value="<?=$drzava->id?>"><?=$drzava-
>naziv?></option>
                        <?php endif; ?>
                    <?php
                        endforeach;
                    ?>
                </select>
        <h3>Kategorija</h3>
        <select class="forma__item reg" name="kategorija">
            <option>izaberite</option>
            <?php
                $kategorije = getAllCategories();

                foreach($kategorije as $kategorija):
                    ?>
                    <?php
                        if($kategorija->id == $proizvod->kategorija):
                            ?>
                        <?php else: ?>
                        <option selected value="<?=$kategorija->id?>"><?=$kategorija-
>naziv?></option>
                        <?php endif; ?>
                    <?php
                        endforeach;
                    ?>
                </select>

```

```

        <a class="forma__item reg" id="update" data-
id='<?=$_GET['id']?>'>Izmeni</a>
    </form>
</div>
</div>
<script src="assets/js/updateProduct.js" ></script>
</main>

```

VestUnos.php

```

<main class="mainSingle">
<?php
    include "models/products/functions.php";
?>
    <div class="main-contentSingle">
        <div class="glavniProzivod">
            <form class="forma" method="post" action="models/news/insertNews.php">
                <h3>Naslov</h3>
                <input type="text" class="forma__item reg" name="naslov">
                <h3>Sadržaj</h3>
                <textarea class="forma__item reg" name="sadržaj" ></textarea>
                <input type="submit" id="btnReg" class="forma__item" value="Dodaj"
name="btnSubmit">
            </form>
        </div>
    </div>
</main>

```