VISOKA ŠKOLA STRUKOVNIH STUDIJA ZA INFORMACIONE I KOMUNIKACIONE TEHNOLOGIJE

DOKUMENTACIJA

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Web programiranje PHP1

Đorđe Minić 135/19

Smer: Internet tehnologije

Modul: Web programiranje

Predmet: Web programiranje PHP1

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da li se i	pretraga oglasa po nazivu i po tehnologiji koja se se traži za isti. Moguće je sortiranje po tom radi od kuće ili ne kao i odabir senioriteta. Tu si u checkbox-ovi za dodatno filtriranje po prikaz remium oglasa ili prakse	zu
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1.Uvod

1.1 Korišćeni tehnologije

- HTML
- PHP
- CSS
- Javascript
- JSON
- jQuery
- Bootstrap
- Adobe illustrator

Rađeno u PHPStorm. Sajt hostovan na 000Web.

1.2 Opis funkcionalnosti

- Dinamičko ispisivanje navigacionog menija iz baze
- Otvaranje eskpandirajućeg menija na manjim rezolucijama klikom na 'hamburger' ikonicu
- Sajt predstavlja web aplikacij za informisanje u vezi poslova na IT tržištu kao i pregled kompanije i njihovog poslovanja
- Upotreba AJAX-a za čitanje I dohvatanje fajlova koje se realizuje funkcijama. U slučaju dolaska do greške, iste se obradjuju. Filtriranje sortiranje, pretraga po nazivu I paginacija obradjene su na serverskoj strani

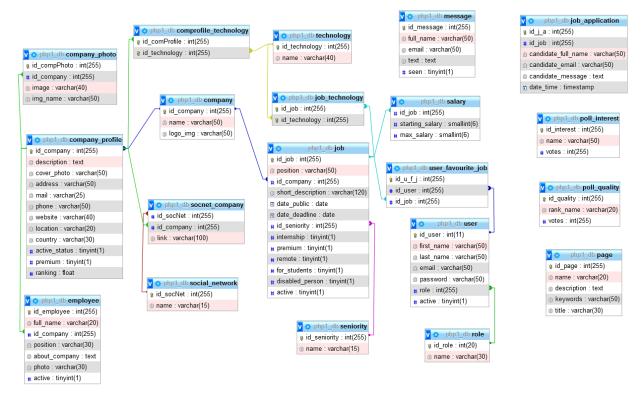
- Dinamičko ispisivanje proizvoda sa specifičnom kategorijom 'Premium' na pocetnoj strani
- Provera unetih podataka u formu nakon submitovanja iste. Validacija se vrši na kljijentskoj i server strani.
 - Pritiskom na dugme submit, u slučaju da su sva polja ispravno popunjena, prikazuje se obavestenje u vidu poruke za korisnika
 - Nakon uspešnog apliciranja za izabrani oglas, korisniku se prikazuje informacija o istom
 - Responsive sajt uz pomoć media query-ja I bootstrapa
 - Potvrdom slanja podataka I teksta poruke na kontakt strani podaci prolaze validaciju na klijentskoj I serverskoj strani. Ako je sve pravilno uneto poruke se cuvaju u bazi I prikazuju na admin panelu.
 - Logovanje I registracija se obavljaju sa proverom na front I back strani. Ukoliko je korisnik admin sajta ima izmenjen sadrzaj za pristup I omogucene alatke za kontrolisanje sadrzaja sajta. Moguca je promena podataka za odabrane kompanije kao i aktivacija određenih sekcija.
 - Admin panel sa statistickim podacima o izvršenom anketiranju. Admin sajta ima izmenjen sadrzaj za pristup I omogucene alatke za kontrolisanje sadrzaja sajta. Moguca je promena celokupnog izgleda proizvoda kao I deaktivacija I aktivacija naloga. Moguće je obrisati i upravljati porukama pristiglim od strane korisnika
 - Anketa kojom se beleže odgovori svih korisnika sajta i ispis u admin panelu
 - Blokiranje korisnika na admin panelu i odgovarajuće poruke tom korisniku kada pokuša da se loguje sledeći put

1.3 Template

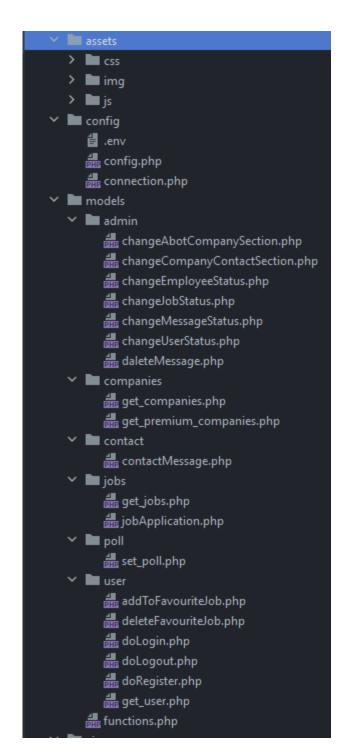
Za izradu nije korišćen gotov template, sajt je ručno pisan uz pomoć Bootstrap framework-a. Kod koji realizuje sajt je priložen u nastavku dokumenta.

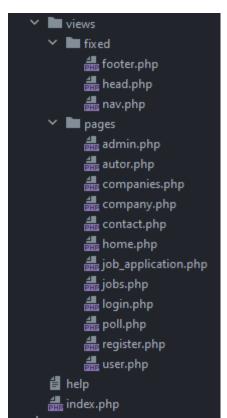
2. Organizacija

2.1. Dizajn baze podataka



2.2 Mapa sajta

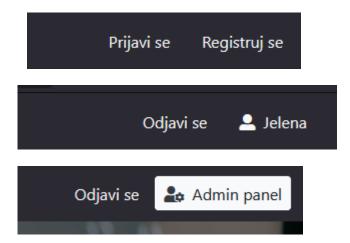




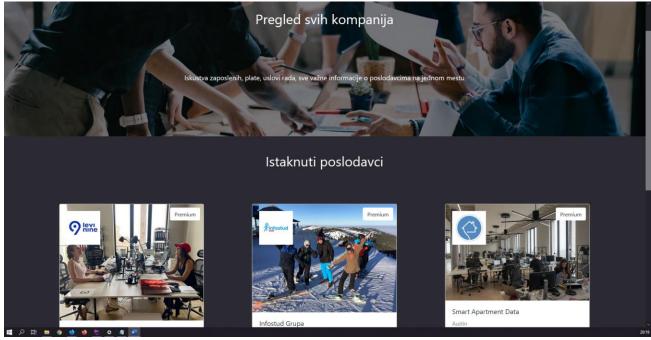
2.3 Opis funkcionalnosti na stranici

2.3.1 views/page/home.php

Odmah ispod navigacije vidimo sekciju za logovanje ili registraciju novih korisnika, pri svakom logovanju prikaz se menja i ispisuje ime korisnika koji je trenutno ulogovan. Ako je u pitanju admin pisace Admin Panel.

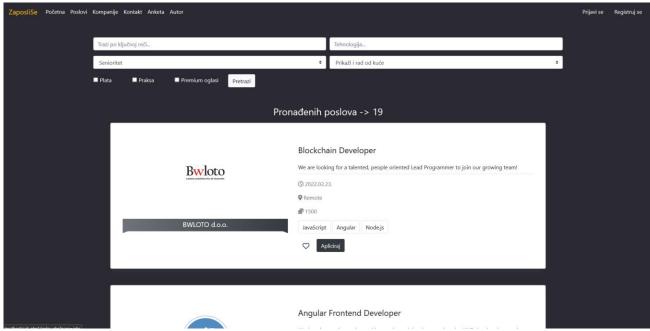


U narednoj sekciji mozemo videti kompanije koji imaju specificnu osobinu "Premium" na osnovu koje se iz baze filtriraju I kao takvi prikazuju. Svaki od njih ima link koji vodi ka detaljimaizabrane kompanije.



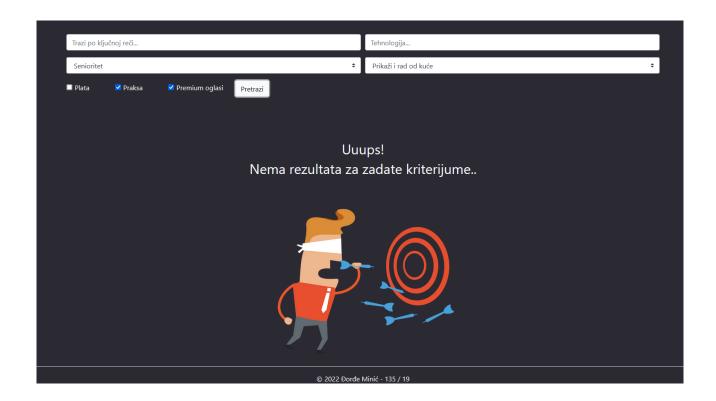
2.3.2 views/pages/jobs.php

Ispisivanje oglasa je dinamicki kao I ispisivanje kategorija po kojimase može sortirati I filtrirati sveukupna ponuda. Pri kliku na dugme "Apliciraj" korisnik se redirektuje na stranicu za pounjavanje forme.



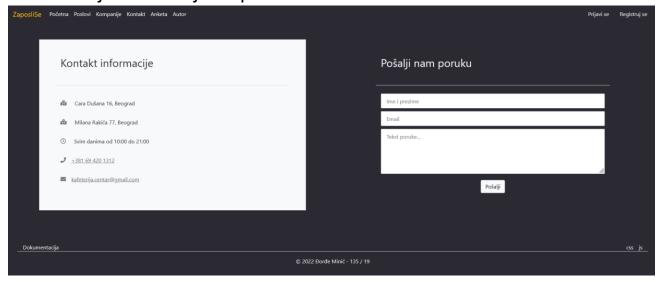
Moguća je pretraga oglasa po nazivu i po tehnologiji koja se se traži za isti. Moguće je sortiranje po tome da li se radi od kuće ili ne kao i odabir senioriteta. Tu si u checkbox-ovi za dodatno filtriranje po prikazu plate premium oglasa ili prakse

Ako prilikom odabira filtera nije moguće naći željeni oglas , prikazuje se informacija o tome.

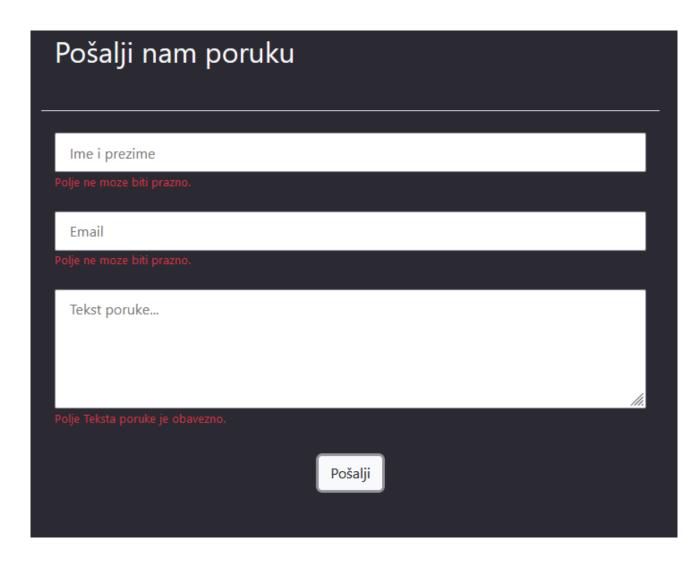


2.3.3 views/pages/contact.php

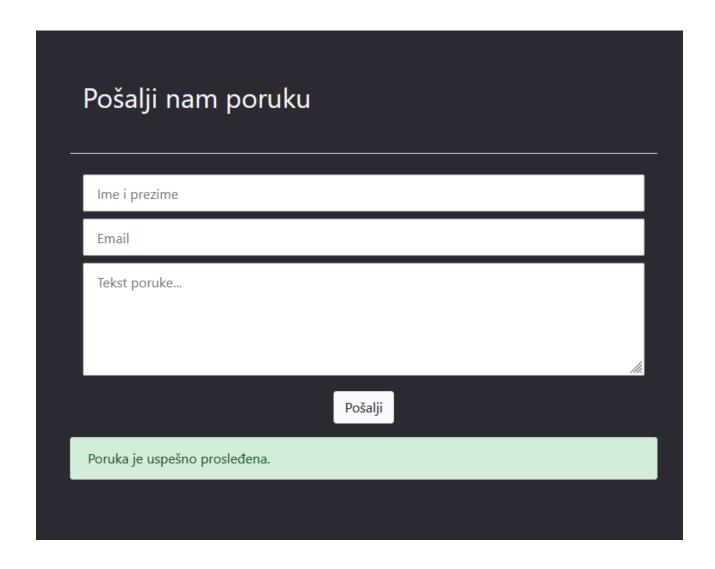
Prilikom popunjavanja podataka u sekciji slanja poruke, podaci se prilikom klika na dugme proveravaju regularnim izrazima na obe strane kao I broj unetih karaktera sa input Tekstualne poruke. Prilikom greske u pisanju datih podataka ili ostavljanja forme prazne, ispisuju se obavestenja ukazivanja na problem.



Kada je forma prazna:

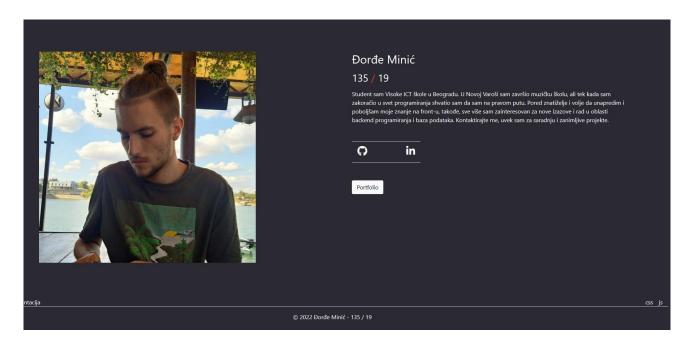


Kada su podaci pravilno uneti forma se čisti I prikazuje uspesnost slanja.



2.3.4 views/pages/autor.php

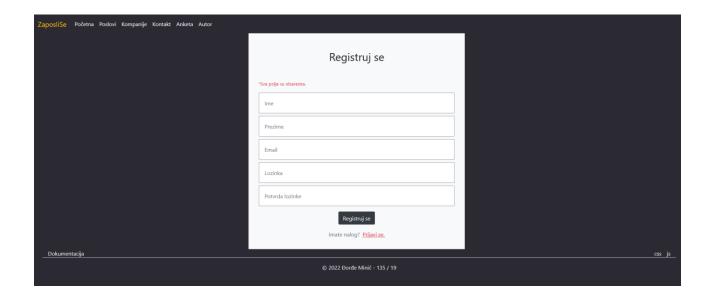
Ispisuju se podaci o autoru, njegova slika kao I linkovi ka njegovom LinkedIn profilu, GitHub profilu I portfolio stranici



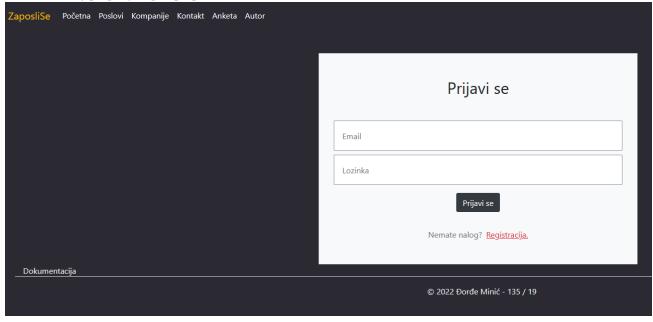
2.3.5 views/pages/register.php

Za uspesnu registraciju potrebna je potvrda lozinke I pravilno uneti svi ostali prametri.

Ispod forme postoji link kao I kod stranice prijava.php kojim se moze setati izmedju ove dve stranice.

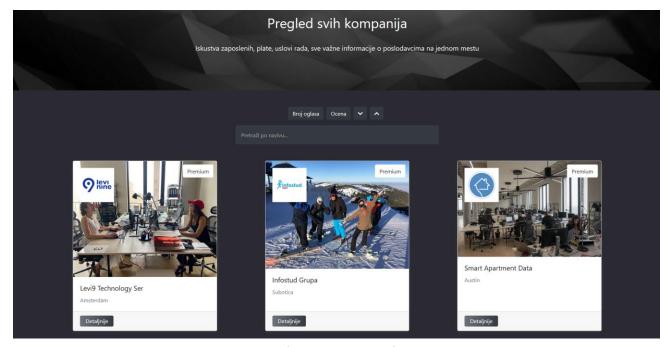


2.3.6 views/pages/login.php

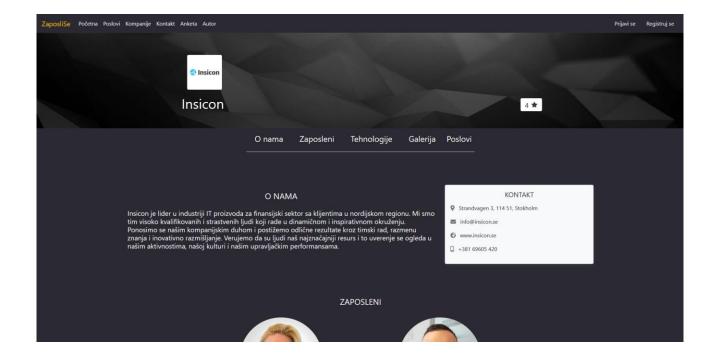


Prilikom prijave proverava se da li uneti email u kombinaciji sa lozinkom postoje u bazi I ako je to slucaj korisnik se redirektuje na pocetnu stranicu.

2.3.7 views/pages/companies.php

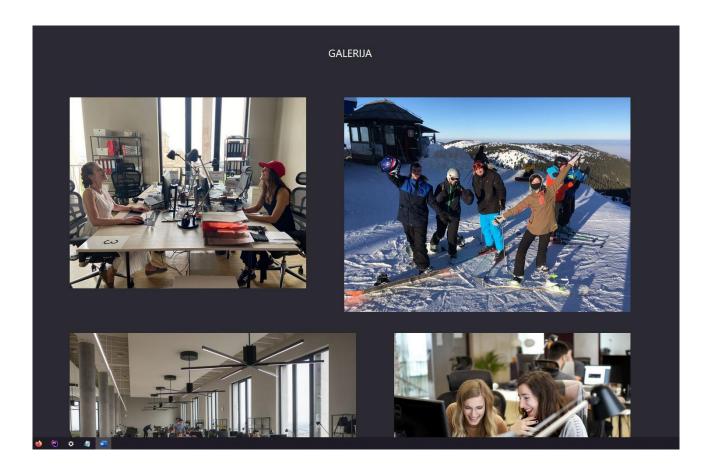


Na stranici companies se prikazuju sve kompanije i sortiranje po proju oglasa kao i po oceni kompanije. Klikom na dugme 'Detaljnije' korisnik se salje na stranicu kompanije na kojoj se nalaze detaljniji opisi rada te kompanije.



Na stranici company imamo dinamičku navigaciju sekcija te kompanije(neke kompanije mogu imati neke sekcije a druge ne), zajednička im je početna sekcija 'o nama' kao i kontakt sekcija.

Prikaz ostalih sekcija..



ZAPOSLENI



Bojana Krstić

Deputy Director

Bilo je zaista izazovno i uzbudljivo rasti u sve veći tim i, uglavnom, uspešno savladavati prepreke na koje smo s vremenom nailazili. Moram priznati da su svi ti ljudi i situacije uticali na moje profesionalno, ali i lično usavršavanje i danas slobodno mogu reći da smo postali zajednica koja vrlo uspešno prati IT tržište i uspeva da se uhvati u koštac sa brojnim startap kompanijama iz Švajcarske, Nemačke, Holandije i Amerike. U ovom trenutku sarađujemo sa preko 50 inostranih klijenata, pri čemu je veliko zadovoljstvo naglastiti da našu zajednicu broji i više od 270 zaposlenih.



Uroš Pantović

Frontend Daveloner

Sa sjajnim timom kolega i menadžmenta, imao sam prilike da radim sa poslednjim tehnologijama, kao i da se moje, ali i ideje mojih kolega uvažavaju i implementiraju. To je stvorilo jednu profesionalnu ali i porodičnu atmosferu u timu, koja nas gura da sve više napredujemo. Vremenom sam postao zainteresovan za poboljšanje organizacije posla u okviru tima, tako da sam napredovao u smeru Scrum Mastera. Da bi sve funkcionisalo bez problema, Holycode se maksimalno potrudio da nam obezbedi najbolju opremu, savremen radni prostor, i sve što je potrebno da nam boravak na poslu bude veoma prijatan.

TEHNOLOGIJE KOJE KORISTIMO

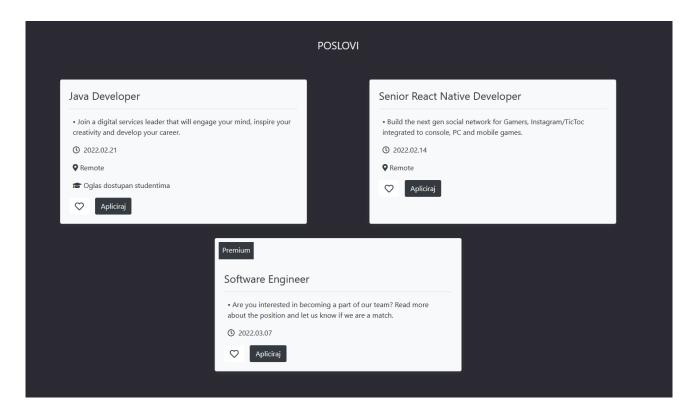


Angular

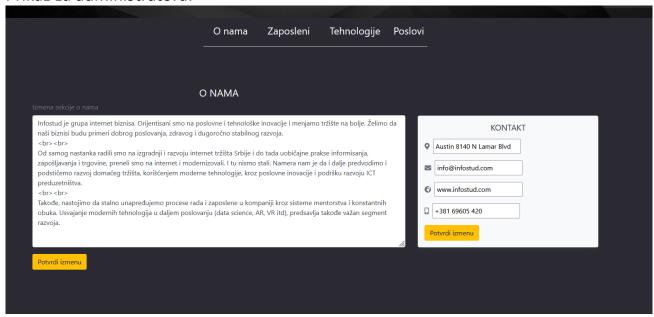
HTML

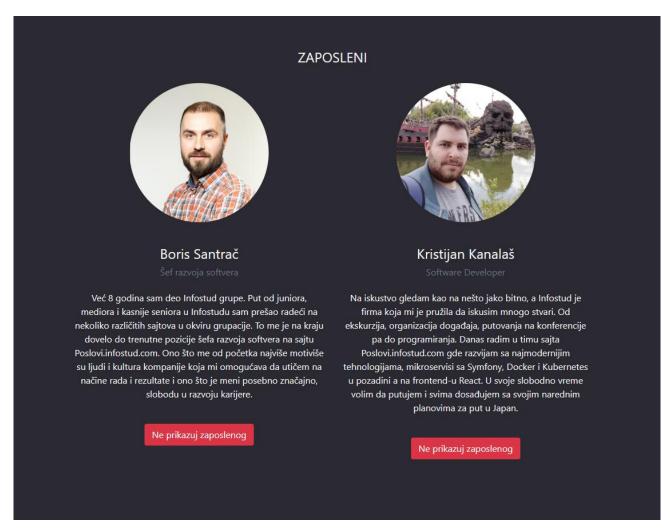
.Net

SQL



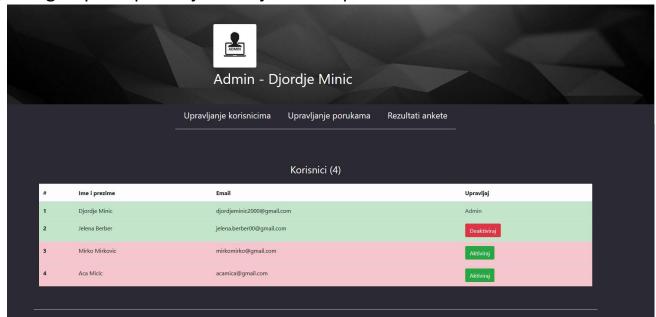
Prikaz za administratora:



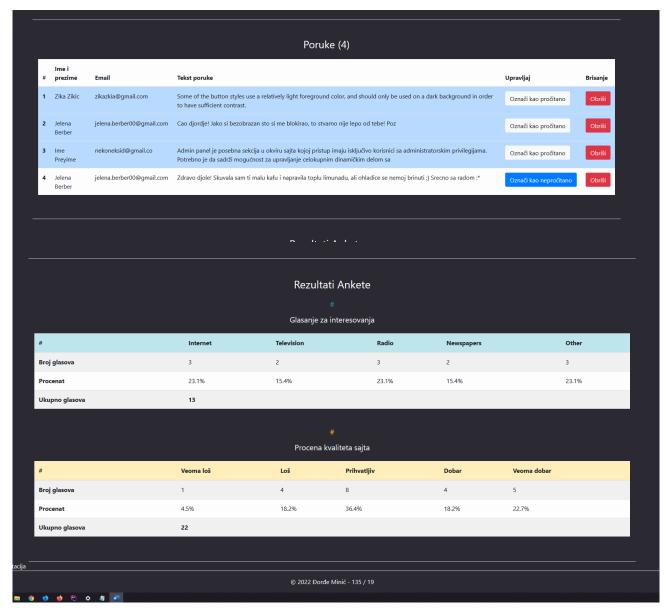


2.3.8 views/pages/admin.php

Na admin stranici se nalaze podaci za admina sajta. Podmenijima je moguć pristup sekcijama koje Admin panel sadrži.

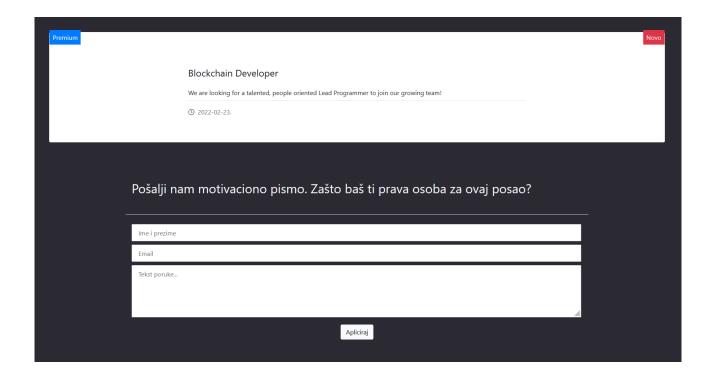


Korisnicima I njihovim podacima kao I mogucnost menjanja aktivnosti naloga odnosno banovanja.



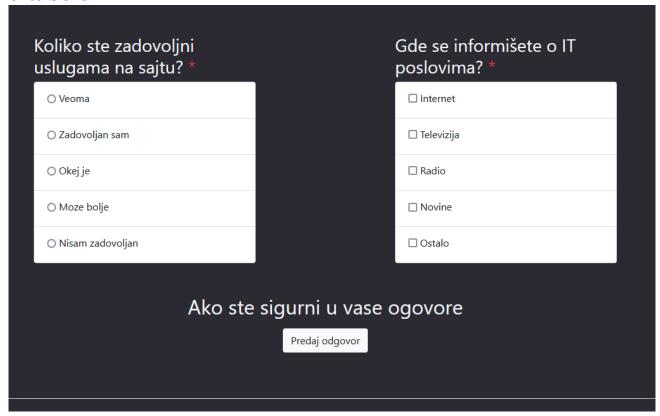
2.3.9 views/pages/job_application.php

Prikaz strane za apliciranje na određeni posao. Forma prolzi validaciju i ispisuju se greške. Ako je korisnik ulogovan automatski se popunjavaju prva polja.



2.3.10 views/pages/job_application.php

Anketiranje je dostupno svim korisnicima i rezultati se beleže u tabele.



Poruka se ispisuje u slučaju pogrešnog kao i dobrog popunjavanja

Vaš odgovor je zabeležen. Hvala na izdvojenom vremenu! Povratak na početnu stranicu <u>ovde.</u>

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3. Kodovi stranica

3.1 index.php

```
<?php
  require_once "config/connection.php";
  require once "models/functions.php";
  $page = 'pocetna';
  if(isset($_GET['page'])){
    $page = $_GET['page'];
  }
  if(!file_exists("views/pages/$page.php")){
    header("Location: index.php?page=pocetna");
  }
 //ispis stranice
  require_once "views/fixed/head.php";
  require_once "views/fixed/nav.php";
  $infoPage = getPageInfo($page);
  if($infoPage):
?>
  <div class="naslovna bg-<?=$page?> bg d-flex flex-wrap justiffy-content-
center col-12">
    <div class="container col-12 col-sm-10 d-flex flex-wrap justify-content-</pre>
center">
      <div class="container-fuid float-center text-light col-10 bg-gray">
        <h1 class="col-12 text-center py-5 text-muted"><?=$infoPage[0]-</pre>
>naslov?></h1>
      </div>
    </div>
  </div>
  <?php
    if ($page == 'proizvod') {
      echo '<a href="index.php?page=proizvodi" class="text-center text-
secondary">
              <h4 class="my-5">
                <i class="fas fa-long-arrow-alt-left mr-2"></i></i>
                Svi proizvodi
              </h4>
            </a>';
```

3.2 admin.php

```
4. <?php
                    <img src="assets/img/admin.jpg" class="responsive-img bg-</pre>
               </div>
               <div class="col-12 d-flex">
           </div>
   </div>
   <div id="admin-n av" class="col-12 d-flex justify-content-center pb-5">
```

```
</a>
  <a href="#admin-poll" class="text-light transpBgHover my-3 mx-4">
     <h4>Rezultati ankete</h4>
  </a>
</div>
  $users = queryFunction("SELECT * FROM user", true);
<h3 class="text-light text-center mb-4">Korisnici
  <thead>
  Email
  <?=$i++?>
        Admin
```

```
</div>
      $messages = queryFunction("SELECT * FROM message ORDER BY seen asc",
(<?=count ($messages) ?>) </h3>
      <thead>
         Email
      </thead>
            <?=$i++?>
            <?=$m->email?>
            <a href="models/admin/daleteMessage.php?id=<?=$m-
>id message?>" class="btn btn-danger">Obriši</a>
```

```
</div>
Glasanje za interesovanja</h5>
  <:= $i->votes?>
    Procenat
    <
```

```
 Procena kvaliteta sajta</h5>
    Veoma loš
    Loš
    Veoma dobar
  <
    </div>
```

4.1 autor.php

5.1 contact.php

```
6. <div class="d-flex justify-content-around flex-wrap py-5 m-0 col-12">
               muted"></span>Cara Dušana 16, Beograd
               <span class="mr-4 far fa-clock text-muted"></span>
  class="text-dark mb-0">Svim danima od 10:00 do 21:00
               <span class="fas fa-phone mr-3 text-muted"></span><a</pre>
  class="text-muted td-u" href="tel:+381694301312">+381 69 420 1312</a>
               <span class="fas fa-envelope mr-3 text-muted"></span><a</pre>
  href="mailto:djordje.minic.135.19@ict.edu.rs">kafeterija.centar@gmail.com</a
        </div>
     </div>
            <div>
               <input type="text" name="name" id="name" class="container</pre>
            </div>
            </div>
               <textarea name="text" id="text" cols="22" maxlength="200"</pre>
  poruke..."></textarea>
            </div>
               <input type="submit" id="contact-button" name="contact-</pre>
            </div>
        </div>
```

6.1 poll.php

```
!--<link href="//netdna.bootstrapcdn.com/bootstrap/3.0.3/css/bootstrap.min.css"
                       <span class="glyphicon glyphicon-arrow-right"></span>
                       <span class="text-danger">*</span>
               </div>
                               <label>
                                    <input type="radio" class="optionsRadios"</pre>
                               </label>
                                    <input type="radio" class="optionsRadios"</pre>
                               </label>
                           </div>
                       <input type="radio" class="optionsRadios"</pre>
                               </label>
                       <input type="radio" class="optionsRadios"</pre>
                           </div>
```

```
<input type="radio" class="optionsRadios"</pre>
</div>
<div class="col-md-4">
              <span class="text-danger text-sm">*</span>
          </h3>
       </div>
                     <label>
                     </label>
                 </div>
              <label>
                     </label>
                 </div>
                     <label>
                     </label>
                 </div>
              <label>
                     </label>
```

6.2 pocetna.php

7.1 login.php

```
if(isset($_SESSION['user'])){
   header("Location: index.php?page=home");
   die();
   }
?>
<div class="col-12 pl-0 d-flex justify-content-around flex-wrap mt-5">
```

```
<h2 class="col-12 mb-5 text-center">Prijavi se</h2>
        <div class="container-fluid col-12">
            <div>
                 <input type="email" name="email" id="email" class="container</pre>
            </div>
            <div>
                 <input type="password" name="password" id="password"</pre>
            </div>
                 <input type="submit" id="login-button" name="login-button"</pre>
            </div>
        </div>
u'>Registracija.</a>
    </form>
</div>
```

8.1 proizvod.php

```
9. <?php
    require_once "models/functions.php";
    if (isset($_GET['id'])){
        $c_id = $_GET['id'];
}
    $company_obj = getCompany($c_id);
$company = $company_obj[0];
    if ($company == null){
        header('Location: index.php?page=companies');
}

if (isset($_SESSION['user'])){
        $user = $_SESSION['user'];
}else{
        $user = false;
}</pre>
```

```
$employees obj = getEmployeesForCompany($c id);
       $employees obj = getEmployeesForCompany($c id, true);
$tech obj = getTechnologyForCompany($c id);
$photos obj = getPhotosForCompany($c id);
$jobs obj = getJobsForCompany($c id);
    <div id="companies-header" class="background-page-header bg-dark-</pre>
                </div>
            </div>
            <div class="col-12 d-flex align-items-end">
        </div>
        <div class="col-3 d-flex align-items-end justify-content-end">
cursorDefault d-flex align-items-center">
                <i class="fa fa-star"></i>
            </button>
        </div>
    </div>
            <h4>0 nama</h4>
        </a>
            <h4>Zaposleni</h4>
```

```
<h4>Tehnologije</h4>
            </a>
                 <h4>Galerija</h4>
            </a>
            <a href="#company-jobs" class="text-light transpBgHover my-3 mx-</pre>
    </div>
</div>
    <div class="col-9 d-flex align-items-center">
                         <div class="form-group">
                              <label for="aboutTextarea" class="text-</pre>
muted">Izmena sekcije o nama</label>
>description?></textarea>
                              <input type="hidden" value="<?=$company-</pre>
```

```
</div>
                         </div>
                     </form>
        </div>
                <div class="d-block mb-3">
1 text-muted"></i></h6>
                 </div>
                <div class="d-block mb-3">
text-muted"></i></h6>
                </div>
text-muted"></i></h6>
                </div>
                <div class="d-block mb-3">
                     <h6 class="d-inline"><i class="fas fa-mobile-alt mr-1</pre>
text-muted"></i></h6>
                </div>
transpBgHover mr-3"><i class="fab fa-<?=$socNet->name?>"></i></a>
                </h5>
```

```
</div>
                     <div class="d-block mb-3">
mr-1 text-muted"></i></h6>
                         <input class="p-1" type="text" name="compAddress"</pre>
                     </div>
                     <div class="d-block mb-3">
text-muted"></i></h6>
                         <input class="p-1" type="text" name="compMail"</pre>
                     </div>
                     <div class="d-block mb-3">
                     </div>
                         <h6 class="d-inline"><i class="fas fa-mobile-alt mr-</pre>
1 text-muted"></i></h6>
value="Potvrdi izmenu" class="btn btn-warning">
                 </form>
        </div>
    </div>
```

```
</div>
<div id="company-employee" class="d-flex justify-content-center py-5">
                <h4 class="text-light"><?=$emp->full name?></h4>
            </div>
zaposlenog"?></a>
        </div>
    </div>
</div>
```

```
KORISTIMO</h4>
>name?></h2>
            </div>
        </div>
    </div>
    <div class="col-9 d-flex justify-content-center flex-wrap">
</div>
            </div>
        </div>
    </div>
```

```
<div id="company-jobs" class="d-flex justify-content-center flex-wrap py-5">
    <h4 class="text-light text-center col-12 mb-5">POSLOVI</h4>
        <div class="container d-flex justify-content-center flex-wrap col-6</pre>
dark text-light">Premium</h6>
                        </div>
                    </div>
                <div class="card-body">
>short description?>
```

```
dark"></i> Oglas dostupan osobama sa invaliditetom
>active?>&page=<?=$company->id company?>" class="btn btn-<?=$job->active ?
dark btn bg-white border-3 mr-2 transpBgHover">
heart"></i></h5>
                            </a>
        </div>
    </div>
</div>
```

9.1 proizvodi.php

9.2 register.php

```
header("Location: index.php?page=home");
pb-3 bg-light" method="POST" action="models/user/doRegister.php">
           <small>*Sva polja su obavezna.</small>
           </div>
           </div>
           <div>
              <input type="email" name="email" id="email" class="container</pre>
           </div>
           </div>
           </div>
       </div>
/div>
```

9.3 head.php

10.1 footer.php

10.2 nav.php

```
<nav class="navbar navbar-expand-lg navbar-dark">
target="#navbarNavDropdown" aria-controls="navbarNavDropdown" aria-
expanded="false" aria-label="Toggle navigation">
       <span class="navbar-toggler-icon"></span>
   </button>
    <div class="collapse navbar-collapse" id="navbarNavDropdown">
                $pages = queryFunction("SELECT * FROM page", true);
                    <a class="nav-link" href="index.php?page=<?=$p-</pre>
>name?>"><?=$p->name == "home" ? "Početna" : $p->title?></a>
               href="models/user/doLogout.php">Odjavi se</a>
 /nav>
```

11. Kodovi logike

11.1 models/functions.php

```
function getPageDetails($page name){
      $result = $conn->prepare("SELECT * FROM page WHERE name LIKE ?");
   } catch (PDOException $ex) {
function queryFunction($queryString, $fetchAll = false){
           return $conn->query($queryString)->fetchAll();
 return $conn->query($queryString)->fetch();
   } catch (PDOException $ex) {
function getCompany($id){
       $result = $conn->prepare("SELECT * FROM company c INNER JOIN
       $result->execute([$id]);
       return $result->fetchAll();
   } catch (PDOException $ex) {
```

```
function getCompanySocNetwork($id){
       $result = $conn->prepare("SELECT * FROM socnet company sc INNER JOIN
       $result->execute([$id]);
function getEmployeesForCompany($id, $adminView = false){
       $result = $conn->prepare("SELECT * FROM employee WHERE id company = ?" .
       $result->execute([$id]);
function getTechnologyForCompany($id){
       $result = $conn->prepare("SELECT t.name FROM technology as t INNER JOIN
       return $result->fetchAll();
  } catch (PDOException $ex) {
function getPhotosForCompany($id){
       $result = $conn->prepare("SELECT image FROM company photo WHERE
       $result->execute([$id]);
       return $result->fetchAll();
 nction getJobsForCompany($id) {
```

```
$result = $conn->prepare("SELECT * FROM job WHERE id company = ?");
       $result->execute([$id]);
       return $result->fetchAll();
   } catch (PDOException $ex) {
function getJob($id){
      $result = $conn->prepare("SELECT j.*, c.logo img as img, c.name as
       return $result->fetchAll();
function getTechnologiesForJobs($jobsIds){
               $technologies[] = $result->fetchAll();
       } catch (PDOException $ex) {
           $result = $conn->prepare("SELECT t.name FROM technology t INNER JOIN
```

```
function getUser($id){
       $result = $conn->prepare("SELECT * FROM user WHERE id user = ?");
       return $result->fetch();
 $result = $conn->prepare("SELECT * FROM user favourite company ufc
      return $result->fetchAll();
function getUserFromUserJob($id) {
      $result = $conn->prepare("SELECT * FROM user favourite job ufj
      $result->execute([$id]);
      return $result->fetchAll();
function changeActiveStatusForUser($id, $status){
    $result = $conn->prepare("UPDATE user SET active = ? WHERE id user =
     catch (PDOException $ex) {
```

```
return false;
}
}
function changeMessageSeenStatus($id, $status) {
    global $conn;

    try {
        $status = !$status;

        $result = $conn->prepare("UPDATE message SET seen = ? WHERE id message =

?");
        $result = $result->execute([$status, $id]);

        return $result;
    } catch (PDOException $ex) {
        return false;
    }
}
```

11.2 models/admin

11.2.1 changeAbotCompanySection.php

```
header("Location: index.php?page=home");
$result = $conn->prepare("UPDATE company profile SET description = ? WHERE
```

11.2.2 changeCompanyContactSection.php

```
if(!preq match($regAddress, $ POST["compAddress"])){
if(!preq match($regUrl, $ POST["compWebsite"])){
if(!preq match($reqPhone, $ POST["compPhone"])){
   $query = $conn->prepare("UPDATE company profile SET address = ?,mail
```

11.2.3 changeEmployeeStatus.php

```
$result = $conn->prepare("UPDATE employee SET active = ? WHERE
   $result = $result->execute([$status, $id]);
} catch (PDOException $ex) {
```

11.2.3 changeMessageStatus.php

12.2.3 changeJobStatus.php

```
} catch (PDOException $ex) {
   return false;
}
```

11.2.4 changeMessageStatus.php

11.2.5 changeUserStatus.php

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

if (!isset($_GET["id"]) || !isset($_GET["status"])) {
    header("Location: index.php?page=home");
    die();
}

$id = $_GET["id"];
$status = $_GET["status"] == "0" ? 0 : 1;

if (changeActiveStatusForUser($id, $status)) {
    header("Location: ../../index.php?page=admin&userMessage=Uspesno menjanje
    statusa#admin-user");
    //http_response_code(200);
}
else {
    header("Location: ../../index.php?page=admin&userError=Trenutno nije moguce
    uraditi operaciju#admin-user");
    //http_response_code(200);
}</pre>
```

11.2.6 deleteMessage.php

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

if (!isset($_GET["id"])) {
    header("Location: index.php?page=home");
}</pre>
```

```
die();
}

$id = $_GET["id"];
try {
    global $conn;

    $result = $conn->prepare("DELETE FROM message WHERE id_message = ?");
    $result = $result->execute([$id]);

    if ($result) {
        header("Location: ../../index.php?page=admin&messageMessage=Uspesno

brisanje poruke.#admin-message");
        //http_response_code(200);
    }
    else {
        header("Location: ../../index.php?page=admin&messageError=Trenutno nije

moguce uraditi operaciju#admin-message");
        //http_response_code(200);
    }
}
catch (PDOException $ex) {
        $error = "Greška pri komunikaciji sa serverom, probajte kasnije ponovo.";
        header("Location: ../../index.php?page=admin&messageError=".$error);
        die();
}
```

12.2. models/companies

12.2.4 get_premium_companies.php

12.2.5 get_companies.php

```
//session_start();
header('Content-type: application/json');
require_once "../../config/connection.php";
require_once "../functions.php";
///
///

$stringQuery = "";
$params_array = [];

$search = isset($ GET["search"]) ? trim($ GET["search"]) : false;
$sort = isset($ GET["sortBy"]) ? $ GET["sortBy"] : false;
$direction = isset($ GET["orderDirection"]) ? $ GET["orderDirection"] :
false;

if($search != ""){
    global $stringQuery, $params_array;

    $params_array [] = "&$search\left";
}

if ($sort && $direction){
    $sort == 'job' ? $sort = 'totalJobs' : $sort = 'ranking';
    $stringQuery .= " ORDER BY $sort $direction";
}

try {
    global $conn;

$query = 'SELECT *, (select COUNT(*) from job where id_company =
```

13.2 models/user

13.2.3 addToFavouriteJob.php

```
$query = $conn->prepare("SELECT id job FROM user favourite job WHERE
    $query = $conn->prepare("INSERT INTO user favourite job(id user,
        else{
```

```
$message = "Uspešno dodat u omiljene poslove.";
    header("Location:
./../index.php?page=jobs&message=".$message);

}
else {
    $error = "Greška na serveru. Molimo pokušajte malo kasnije.";

    header("Location: ../../index.php?page=jobs&error=".$error);
}
catch (PDOException $ex) {

    //create_log(ERROR_LOG_FAJL, $ex->getMessage());
    $error = "Greška pri komunikaciji sa serverom, probajte kasnije
ponovo.";
    header("Location: ../../index.php?page=jobs&error=".$error);
    die();
}
else{
    $message = "Posao se vec nalazi u listi poslova.";
    header("Location: ../../index.php?page=jobs&error=".$message);
}
```

13.2.4 deleteFavouriteJob.php

13.2.5 doLogin.php

```
$query = $conn->prepare("SELECT * FROM user WHERE email = ?");
} catch (PDOException $ex) {
```

```
}
```

13.2.6 doLogout.php

```
<?php
session_start();
unset($_SESSION["user"]);
header("Location: ../../index.php?page=home");</pre>
```

13.2.7 doRegister.php

```
$query = $conn->prepare("SELECT email FROM user WHERE email = ?");
```

```
$query = $conn->prepare("INSERT INTO user(first name,
```

13.4.5 get_user.php

```
<?php
header("Content-type: application/json");

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

$userObj = false;
if(isset($_SESSION['user'])) {
    $userObj = $_SESSION['user'];
}

http_response_code(200);
echo json encode($userObj);</pre>
```

13.3 views/fixed/footer.php

13.4 views/fixed/head.php

13.5 views/fixed/nav.php

```
href="index.php?page=home">ZaposliSe</a>
    <button class="navbar-toggler" type="button" data-toggle="collapse" data-</pre>
    </button>
        </div>
 /nav>
```

13.6.3 admin.php

```
bg-companies d-flex flex-wrap justify-content-center col-12">
                <img src="assets/img/admin.jpg" class="responsive-img bg-white</pre>
            </div>
            <div class="col-12 d-flex">
>last name?></h1>
            </div>
       </div>
</div>
       </a>
            <h4>Upravljanje porukama</h4>
            <h4>Rezultati ankete</h4>
</div>
```

```
</thead>
        <?=$u->email?>
           Admin
           <a href="models/admin/changeUserStatus.php?id=<?=$u-
     </div>
  <h3 class="text-light text-center mb-4">Poruke (<?=count($messages)?>)/h3>
```

```
Ime i prezime
  </thead>
     <?=$m->text?>
  </div>
za interesovanja</h5>
 #
```

```
Broj glasova
    Procena kvaliteta sajta</h5>
    #
    Veoma loš
    Loš
  </thead>
     <?= $q->votes?>
```

13.6.4 autor.php

13.6.5 companies.php

13.6.6 company.php

```
$company obj = getCompany($c id);
}else{
$employees obj = getEmployeesForCompany($c id);
if ($user){
      $employees obj = getEmployeesForCompany($c id, true);
$tech obj = getTechnologyForCompany($c id);
                </div>
            </div>
```

```
</div>
                <i class="fa fa-star"></i></i>
            </button>
   </div>
</div>
4">
            <h4>0 nama</h4>
        </a>
        <a href="#company-employee" class="text-light transpBgHover my-3 mx-4">
            <h4>Zaposleni</h4>
                <h4>Tehnologije</h4>
            </a>
4 " >
                <h4>Poslovi</h4>
            </a>
```

```
</div>
</div>
method="POST">
                             <label for="aboutTextarea" class="text-muted">Izmena
                             <textarea class="form-control" id="aboutTextarea"</pre>
                        </div>
                        </div>
                    </form>
                <h5 class="mb-3 text-dark text-center">KONTAKT</h5>
                <div class="d-block mb-3">
 . $company->location?>
                </div>
                    <h6 class="d-inline"><i class="fas fa-envelope mr-1 text-</pre>
muted"></i></h6>
                </div>
                <div class="d-block mb-3">
```

```
text-muted"></i></h6>
                </div>
                <div class="d-block mb-3">
muted"></i></h6>
                </div>
mr-3"><i class="fab fa-<?=$socNet->name?>"></i></a>
                </h5>
method="POST">
                         <h6 class="d-inline"><i class="fas fa-map-marker-alt mr-</pre>
1 text-muted"></i></h6>
                     </div>
                     <div class="d-block mb-3">
```

```
text-muted"></i></h6>
                  </div>
text-muted"></i></h6>
                  </div>
                  <div class="d-block mb-3">
text-muted"></i></h6>
                  </div>
value="Potvrdi izmenu" class="btn btn-warning">
               </form>
           </div>
       </div>
   </div>
</div>
       <div class="text-center col-9 col-sm-6 col-md-4 mb-5">
              <?=$emp->about company?>
```

```
</div>
    </div>
</div>
KORISTIMO</h4>
>name?></h2>
    </div>
if ($photos obj):
```

```
</div>
       </div>
</div>
            <div class="card col-12 col-1q-10 shadow bq-light text-dark">
text-light">Premium</h6>
```

```
<div class="card-body">
                   <h4 class="card-title"><?=$job->position?></h4><hr>
Istekao
                       <i class="fas fa-map-marker-alt text-</pre>
>active?>&page=<?=$company->id company?>" class="btn btn-<?=$job->active ?
href="models/user/addToFavouriteJob.php?id=<?=$job->id job?>" class="text-dark
heart"></i></h5>
                          </a>
```

13.6.7 contact.php

```
<span class="mr-4 fas fa-map-marked-alt text-</pre>
muted"></span>Cara Dušana 16, Beograd
                <span class="mr-4 fas fa-map-marked-alt text-</pre>
muted"></span> Milana Rakića 77, Beograd
             <span class="fas fa-phone mr-3 text-muted"></span><a</pre>
class="text-muted td-u" href="tel:+381694301312">+381 69 420 1312</a>
             <span class="fas fa-envelope mr-3 text-muted"></span><a</pre>
href="mailto:djordje.minic.135.19@ict.edu.rs">kafeterija.centar@gmail.com</
         pb-0" method="POST" action="models/contact/contactMessage.php">
      <div class="container-fluid col-12">
         <div>
         <div>
```

13.6.8 poll.php

```
</label>
                            </div>
                                <label>
                                    <input type="radio"</pre>
                                </label>
                                    <input type="radio"</pre>
                            </div>
                                   Moze bolje
                                </label>
                            </div>
                                <label>
                                    <input type="radio"</pre>
                            </div>
                    </div>
                        <span class="glyphicon glyphicon-hand-</pre>
right"></span>
                        <span class="text-danger text-sm">*</span>
                    </h3>
               </div>
                <div class="panel-body">
                        <input type="checkbox"</pre>
                                </label>
```

```
</div>
                                      <input type="checkbox"</pre>
class="pollCheckGroup" value="Television">
                                     Televizija
                                 </label>
                             </div>
                                 </label>
                             </div>
                                      <input type="checkbox"</pre>
                             </div>
                                      <input type="checkbox"</pre>
                                 </label>
                             </div>
                         </div>
            </div>
        </button>
   </div>
</div>
</div>
```

13.6.9 login.php

```
header("Location: index.php?page=home");
   <h2 class="col-12 mb-5 text-center">Prijavi se</h2>
   <div class="container-fluid col-12">
       </div>
       <div>
       <div class="d-flex align-items-center flex-column py-3">
          <input type="submit" id="login-button" name="login-button"</pre>
       </div>
   </div>
   </form>
```

13.6.10 register.php

```
<form name="register-form" id="register-form" class="col-8 col-md-4</pre>
       <h2 class="col-12 mb-5 text-center">Registruj se</h2>
       <div class="container-fluid col-12">
           <small>*Sva polja su
obavezna.</small>
           </div>
           <div>
           </div>
           </div>
           <div>
class="container border-bottom-green py-3 mt-2" placeholder="Lozinka">
           </div>
           <div>
               <input type="password" name="confirm-password" id="confirm-</pre>
           </div>
           </div>
       </div>
u'>Prijavi se.</a>
   </form>
 /div>
```

13.6.11 user.php

```
$user = getUser($u id);
$jobs = getUserFromUserJob($u id);
            <div class="d-flex justify-content-center col-3">
          </div>
            <div class="col-12 d-flex">
            </div>
       </div>
   </div>
</div>
<div id="company-n av" class="col-12 d-flex justify-content-center pb-5">
            <a href="#user-job" class="text-light transpBgHover my-3 mx-4">
           </a>
   </div>
```

```
</div>
(<?=count($jobs)?>)</h4>
        <div class="col-12 col-sm-9 d-flex justify-content-center flex-</pre>
wrap col-6 my-3 h-inherit">
flex-wrap">
100 bg-dark text-light">Premium</h6>
                                 </div>
                             </div>
                         <div class="card-body">
                             <h4 class="card-title"><?=$job-
>position?></h4><hr>
```

```
1 text-dark"></i> <?=str replace("-",".", $job->date deadline)?>
                           <i class="fas</pre>
fa-ban"></i> Istekao
3">Detaljnije</a>
                </div>
             </div>
      </div>
   </div>
```

13.6.12 home.php

13.6.13 jobs.php

```
<div class="col-12 d-flex justify-content-center flex-wrap pt-5">
            <div class="col-md-6 mb-3">
                </div>
           </div>
            <div class="col-md-6 mb-3">
                </div>
           </div>
       </div>
                    <option value="1">Junior</option>
                    <option value="2">Medior</option>
                    <option value="3">Senior</option>
                </select>
                </div>
           </div>
            <div class="col-md-6 mb-3">
                <select class="custom-select" id="DDRemote">
kuće</option>
                    <option value="noremote">Ne prikazuj rad od
kuće</option>
                    <option value="remote">Prikaži samo rad od
kuće</option>
                </select>
                <div class="invalid-feedback">
                    Please provide a valid zip.
                </div>
           </div>
```

```
<input class="form-check-input" type="checkbox"</pre>
             <label class="form-check-label text-light"</pre>
        </div>
             <input class="form-check-input ml-5" type="checkbox"</pre>
                 Praksa
             </label>
             </div>
        </div>
             </label>
             <div class="invalid-feedback">
             </div>
        </div>
    </div>
    <input type="submit" id="jobFilterSubmit" name="jobFilterSubmit"</pre>
</form>
```

13.6.14

Job_application.php

```
inline">Premium</h6>
            <div>
inline">Novo</h6>
            </div>
        </div>
        <div class="card-body d-flex justify-content-center py-5 flex-wrap">
                <i class="far fa-clock mr-2"></i><?=</pre>
$job->date deadline?>.
            </div>
        </div>
    </div>
</div>
action="models/jobs/jobApplication.php">
motivaciono pismo. Zašto baš ti prava osoba za ovaj posao?</h2>
            <input type="text" name="name" id="name" class="container border-</pre>
        </div>
            <input type="email" name="email" id="email" class="container border-</pre>
        </div>
        </div>
        <div class="d-flex align-items-center flex-column py-3">
            <input type="submit" id="job-application-button" name="job-</pre>
       </div>
```

13.7 config/

13.7.3 connection.php

13.7.4 config.php

```
loadCompanies();
       sortCompany();
       loadPremiumCompanies();
       loadJobs();
       checkJobsFilter();
       Poll();
           url: url,
               console.log(xhr)
        document.querySelector("#buttonPoll").onclick = function(e){
           console.log(123)
            $("#checkBoxDiv input:checked").get().map(x =>
interestArray.push(x.value))
                }, ajaxData)
```

```
e.preventDefault();
resetFormMessages();
    formErrorMessage("Unesite ispravanu email adresu.", $("#email"));
   formErrorMessage("Unesite ispravnu lozinku.", $("#password"));
if (validationError) {
resetFormMessages();
let confPassword = $("#confirm-password").val();
regexValidate(firstName, regexName, $("#firstName"));
regexValidate(lastName, regexName, $("#lastName"));
regexValidate(email, regexEmail, $("#email"));
regexValidate(password, regexPassword, $("#password"), true);
    formErrorMessage("Polje ne moze biti prazno.", $("#confirm-
   event.preventDefault();
```

```
let regexEmail = /^[a-z]((\.|-|)?[a-z0-9]){2,}@[a-z]((\.|-|)?[a-z0-
    let regexPassword = /^(?=.*[a-z])(?=.*[A-z])(?=.*\d)[A-za-z\d]{8,}$/;
    let regexFullName = /^[A-ZŠĐŽĆČ][a-zšđžćč]{2,15}(\s[A-ZŠĐŽĆČ][a-
    function regexValidate(string, regex, htmlElement, pass = false) {
           return formErrorMessage("Polje ne moze biti prazno.", htmlElement);
           return formErrorMessage("Neispravno unet podatak.", htmlElement);
           return formErrorMessage ("Polje Teksta poruke je obavezno.",
htmlElement);
           return formErrorMessage ("Tekst je prekratak za poruku.",
    function resetFormMessages() {
       $(".form-error").remove();
    function formErrorMessage(message, element) {
   $("#contact-form").submit(function (event) {
       resetFormMessages();
       validationError = false;
        let fullName = $("#name").val();
        let email = $("#email").val();
```

```
regexValidate(fullName, regexFullName, $("#name"));
   regexValidate(email, regexEmail, $("#email"));
   textboxValidate(text, $("#text"));
       console.log('greska ima');
       event.preventDefault();
       console.log(data)
       printJobs(data)
function printJobs(data) {
   let technologies = data.technologies
       html = getFilterError()
       html = getFilterError()
```

```
text-white transpBgHover">${job.company_name}</a>
${job.date deadline.replace(/-/g, '.')}.
               html += getJobDetails(job)
               console.log(job.active == "1")
```

```
function checkJobsFilter() {
    document.querySelector("#formFilterJobs").onsubmit = function (e) {
        e.preventDefault();
        console.log(1)
        if (document.querySelector('#chSalary').checked) {
            salaryCheck = "yes"
        if (document.querySelector('#chInternship').checked) {
        let dataForAjax = {
            "keyword": document.querySelector("#tbKeyword").value,
            "tech": document.querySelector("#tbTech").value,
            "remote": document.querySelector("#DDRemote").value,
        loadJobs (dataForAjax);
$("#application-form").submit(function (event) {
    console.log(123)
    resetFormMessages();
   validationError = false;
    let fullName = $("#name").val();
    regexValidate(fullName, regexFullName, $("#name"));
    regexValidate(email, regexEmail, $("#email"));
    if (validationError) {
        console.log('greska ima');
        event.preventDefault();
```

```
function getJobDetails(job) {
function isJobNew(jobDatePublic) {
    let jobDate = new Date(jobDatePublic);
    if (jobDate.getFullYear() === today.getFullYear())
        if (jobDate.getMonth() === today.getMonth()) {
    if (jobDate.getMonth() === today.getMonth() - 1){
        if ((30 - jobDate.getDate()) + today.getDate() < 31)</pre>
    if (jobDate.getFullYear() === today.getFullYear() - 1) {
        if (jobDate.getMonth() === 11 && today.getMonth() === 0){
            if ((30 - jobDate.getDate() + today.getDate()) < 31)</pre>
function loadCompanies(data = {}) {
        printCompanies(data)
function sortCompany() {
```

```
$("#search").on('change input', checkCompaniesFilter);
    document.getElementById('sortByJob').onclick = function () {
        document.getElementById('sortByJob') .classList.add("btn-light")
        document.getElementById('sortByJob').classList.remove("btn-dark")
        document.getElementById('sortByJob').setAttribute("value", "active")
        document.getElementById('sortByRank').classList.add("btn-dark")
        document.getElementById('sortByRank').classList.remove("btn-light")
        document.getElementById('sortByRank').setAttribute("value",
        checkCompaniesFilter()
   document.getElementById('sortByRank').onclick = function (){
        document.getElementById('sortByRank').classList.add("btn-light")
        document.getElementById('sortByRank').classList.remove("btn-dark")
        document.getElementById('sortByRank').setAttribute("value",
        document.getElementById('sortByJob').classList.add("btn-dark")
        document.getElementById('sortByJob').classList.remove("btn-light")
        document.getElementById('sortByJob').setAttribute("value",
        checkCompaniesFilter()
    document.getElementById('orderByAsc').onclick = function (){
        document.getElementById('orderByAsc').classList.remove("btn-dark")
document.getElementById('orderByAsc').classList.add("btn-light")
        document.getElementById('orderByAsc').setAttribute("value",
        document.getElementById('orderByDesc').classList.remove("btn-light")
        document.getElementById('orderByDesc').classList.add("btn-dark")
        document.getElementById('orderByDesc').setAttribute("value",
        checkCompaniesFilter()
   document.getElementById('orderByDesc').onclick = function (){
        document.getElementById('orderByDesc').classList.remove("btn-dark")
        document.getElementById('orderByDesc').classList.add("btn-light")
        document.getElementById('orderByDesc').setAttribute("value",
        document.getElementById('orderByAsc').classList.remove("btn-light")
        document.getElementById('orderByAsc').classList.add("btn-dark")
        document.getElementById('orderByAsc').setAttribute("value",
        checkCompaniesFilter()
function checkCompaniesFilter() {
    let search = document.getElementById('search').value
    let sortType;
    document.getElementById('sortByJob').getAttribute("value") == "active" ?
```

```
let orderDirection
       document.getElementById('orderByDesc').getAttribute("value") == "active"
       filterChange(sortType, orderDirection, search)
   function filterChange(sortBy, orderBy, search) {
       loadCompanies(dataForAjax);
   function printCompanies(data) {
           html = getFilterError()
src="assets/img/${company.logo img}" class="card-img-top p-2 transpBgHover"
                       <h5 class="card-title">${company.name}</h5>
               console.log(admin)
```

```
document.getElementById("companies").innerHTML = html
   function loadPremiumCompanies(){
       ajaxFunction("models/companies/get premium companies.php", "get",
           printPremiumCompanies(data.premium companies)
   function printPremiumCompanies(data) {
           if(!company.active_status) continue;
src="assets/img/${company.logo_img}" class="card-img-top p-2 transpBgHover"
alt="${company.name}"></a>
                <img src="assets/img/${company.cover_photo}" class="card-img-top</pre>
       $('#home-companies').html(html)
```

13.9 assets/css/style.sass

```
margin: 0px;
textarea:focus, input:focus{
   text-decoration: none!important;
.td-u{
   text-decoration: underline!important;
.transpBgHover:hover{
   cursor: default !important;
rgba(255,255,255,1) 45%, rgba(255,255,255,1) 55%, rgba(255,193,7,1) 90%);
.cardCompLogo{
   background-color: white;
   transition-duration: 0.5s;
```

```
.bg-dark-gradient{
   background: rgba(100,106,112, 0.3);
.card-img-height{
.background-page-header{
   background-repeat: no-repeat;
   background-position: top;
.bg-companies{
.shadow{
#home-header{
   background-size: cover;
   background-repeat: no-repeat;
   clip-path: polygon(0 0, 100% 0, 100% 30%, 100% 70%, 97% 61%, 3% 61%, 0% 70%,
```