Visoka škola struko	ovnih studija za informacione i komunikacione tehnologije	
	Biznews	
	http://biznewsnc4.infinityfreeapp.com	
Smjer: Internet tehnologije		

Modul: Web programiranje

Predmet: Web programiranje PHP 1

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1. Uvod

1.1 Korišćeni programski jezici i tehnologije

Za potrebe sajt korišćene su sledeće tehnologije

- HTML 5
- CSS 3/SASS
- Bootstrap
- Adobe Photoshop
- jQuery
- JavaScript
- XML(sitemap)
- PHP
- JavaScript
- Xampp
- MySQL

1.2 Opis funkcionalnosti

Sadržaj svih stranica na sajtu je dinamički ispisan na osnovu podataka učitanih iz baze, izuzev stranica login.php i registration.php. Funkcionalnosti sajta su:

- Dinamičko učitavanje navigacije iz baze, kao i poseban odjeljak za ulogovane korisnike koji je različit u zavisnosti od uloga ulogovanog korisnika
- Slajder sa slikama koje su dinamički učitane iz baze
- Dinamičko učitavanje najnovijih, najpopularnijih i svih vijesti učitanih iz baze
- Učitavanje zasebnih PHP fajlova sav sadržaj koji se ponavlja na svakoj stranici je smješten u posebne PHP fajlove, nav, footer, sidebar...
- Logovanje i registracija korisnika, prilikom registracije i logovanje vrši se i klijentska i serverska provjera podataka regularnim izrazima, svaka stranica za korisnike/administratore zaštićena je od neovlašćenog pristupa preko url adrese
- Učitavanje komentara u realnom vremenu, svi postovani komentari se učitavaju u realnom vremenu bez potrebe za osvježavanjem stranice
- Filtriranje, sortiranje i paginacija vijesti, sva filtriranja i sortiranja su uparena
- Kontakt forma, svako može poslati svoju poruku, ukoliko je korisnik ulogovan polje za ime i email su automatski popunjeni
- User panel panel namijenjen autorizovanim korisnicima sa ulogom korisnika, korisnici mogu dodavati komentare, odgovarati na komentare, mogu vidjeti svoj profil, promijeniti ili obrisati svoju profilnu sliku, promijeniti svoju lozinku, popuniti anketu

Admin panel – panel namijenjen autorizovanim korisnicima sa ulogom administratora, pored ostalih uloga kao i obični korisnici administrator ima i druge mogućnosti kao što su: pregled svih korisnika sa mogućnošću da im promijeni uloge i deaktivira ili aktivira nalog, dodavanje i brisanje vijesti, brisanje komentara, pregled poruka, pregled rezultata ankete

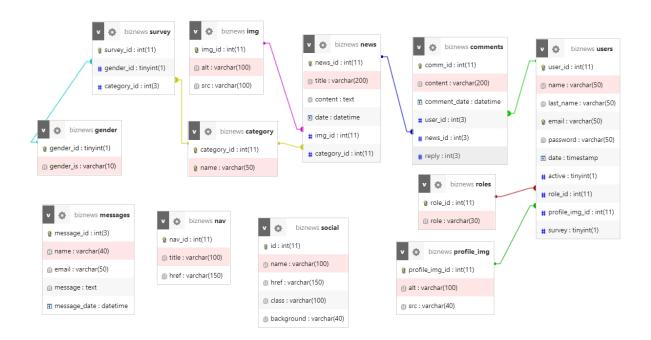
1.3 Template

Za izradu sajta korišćeno je gotovo rješenje – CSS template, preuzeto sa https://technext.github.io/biznews/index.html, uz modifikaciju CSS-a , JavaScripta-a i PHP-a od strane autora. JavaScript kod autora nalazi se u fajlu js/main2.js.

2. Organizacija

2.1 Organizaciona šema baze podataka

Gotovo svakoj stranici je se može pristupiti sa bilo koje stranice izuzev stranice single-new.php kojoj je moguće pristupiti samo klikom na neku vijest.

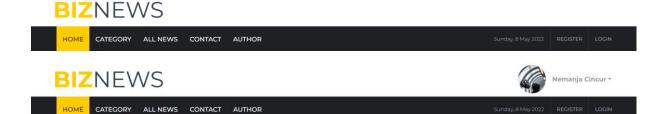


2.2 Mapa sajta

```
<?xml version="1.0" encoding="UTF-8" ?>
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
    <url>
        <loc>http://biznewsnc4.infinityfreeapp.com/index.php</loc>
        <lastmod>2022-05-05</lastmod>
        <changefreq>daily</changefreq>
        <priority>1.0</priority>
    </url>
    <url>
        <loc>http://biznewsnc4.infinityfreeapp.com/category.php</loc>
        <lastmod>2022-05-05</lastmod>
        <changefreq>weekly</changefreq>
        <priority>0.6</priority>
    </url>
    <url>
        <loc>http://biznewsnc4.infinityfreeapp.com/all-news.php</loc>
        <lastmod>2022-05-05</lastmod>
        <changefreq>daily</changefreq>
        <priority>0.8</priority>
    </url>
    <url>
        <loc>http://biznewsnc4.infinityfreeapp.com/contact.php</loc>
        <lastmod>2022-05-05</lastmod>
        <changefreq>yearly</changefreq>
        <pri>ority>0.5</priority>
    </url>
    <url>
        <loc>http://biznewsnc4.infinityfreeapp.com/registration.php</loc>
        <lastmod>2022-05-05</lastmod>
        <changefreq>mountly</changefreq>
        <priority>0.6</priority>
    </url>
    <url>
        <loc>http://biznewsnc4.infinityfreeapp.com/login.php</loc>
        <lastmod>2022-05-05</lastmod>
        <changefreq>mountly</changefreq>
        <priority>0.6</priority>
    </url>
    <url>
        <loc>http://biznewsnc4.infinityfreeapp.com/user.php</loc>
        <lastmod>2022-05-05</lastmod>
        <changefreq>mountly</changefreq>
        <priority>0.6</priority>
```

```
</url>
       <loc>http://biznewsnc4.infinityfreeapp.com/admin.php</loc>
       <lastmod>2022-05-05</lastmod>
       <changefreq>mountly</changefreq>
       <priority>0.6</priority>
   </url>
       <loc>http://biznewsnc4.infinityfreeapp.com/add-new.php</loc>
       <lastmod>2022-05-05</lastmod>
       <changefreq>mountly</changefreq>
       <priority>0.7</priority>
   </url>
       <loc>http://biznewsnc4.infinityfreeapp.com/messages.php</loc>
       <lastmod>2022-05-05</lastmod>
       <changefreq>yearly</changefreq>
       <priority>0.5</priority>
   </url>
       <loc>http://biznewsnc4.infinityfreeapp.com/results.php</loc>
       <lastmod>2022-05-05</lastmod>
       <changefreq>yearly</changefreq>
       <priority>0.5</priority>
   </url>
</urlset>
```

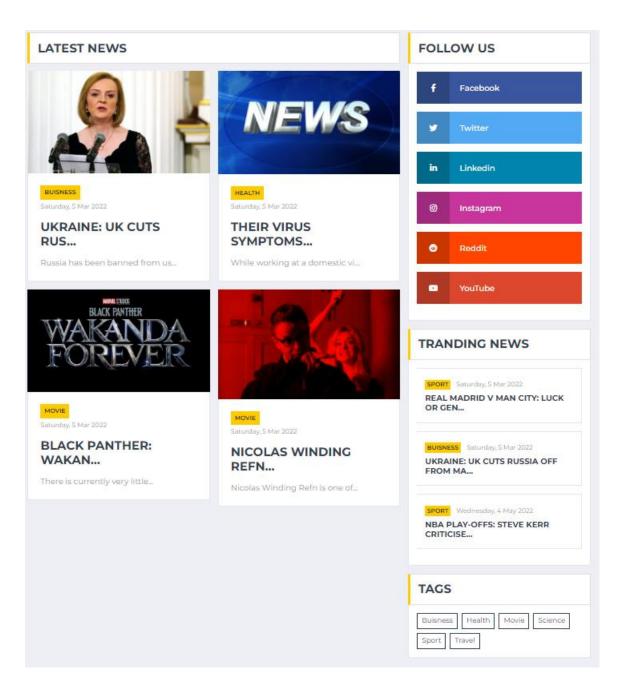
- 2.3 Organizacija sajta i funkcionalnosti na tim djelovima
- 2.3.1 index.php



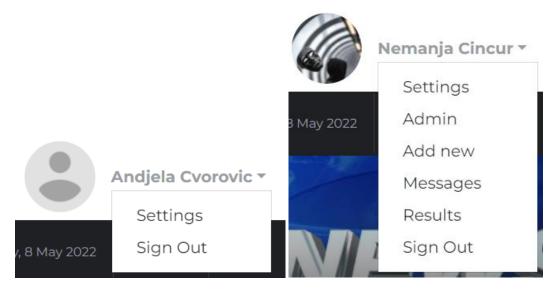
Nav meni dinamički se učitava iz baze. Ukoliko je korisnik ulogovan u gornjem desnom uglu će mu se profilna slika sa odjeljkom za opcije.



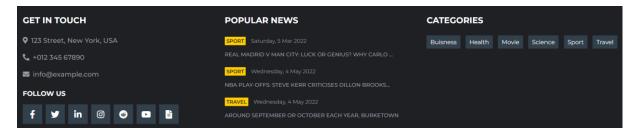
Slajder sa najnovijim vijestima prikazuje najnovije vijesti, svi podaci vezani za najnovije vijesti su dinamički učitani iz baze.



Nakon slajdera se nalaze još 4 najnovije vijesti koje su takođe dinamički učitane iz baze. ima dinamički učitane društvene mreže, 3 najpopularnije novisti i listu kategorija. Klik na naslov bilo koje vijesti vodi na tu konkretnu vijest, dok klik na kategoriju vodi na sve vijesti iz te kategorije. Tu je i sidebar koji je isti na svakoj stranici. Sam sidebar se nalazi u posebnom PHP fajlu, kao i ostali djelovi sajta i on

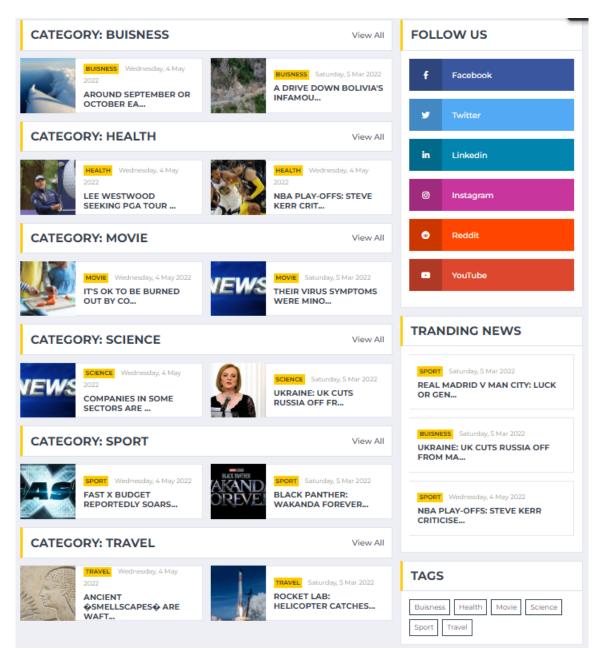


U zavisnisti od uloge biće prikazane i različite opcije za administratore i korisnike.



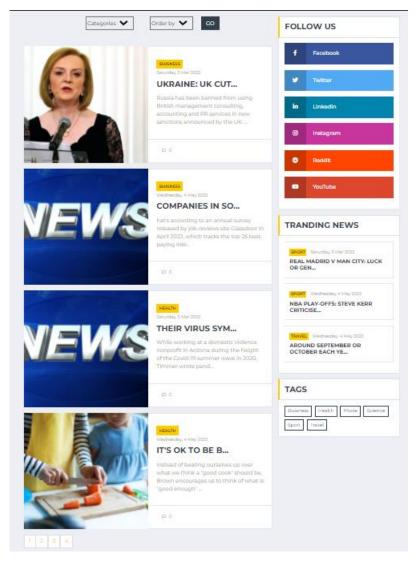
Kao i sidebar i footer je isti na svakoj stranici i nalazi se u posebnom fajlu. Dinamički je učitan i sadrži listu društvenih mreža, najpopularnije vijesti i kategorije.

2.3.2 category.php

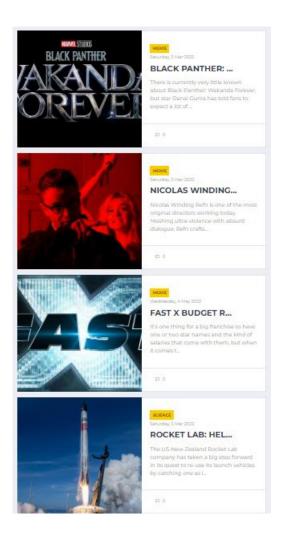


Na stranici category.php se nalaze po dvije vijesti iz svih kategorija. Sadržaj stranice je dinamički učitan iz baze. Klik na link View All korisnika vodi na stranicu sa svim vijestima iz te kategorije. Kao i sve ostale stranice i ova stranica ima dinamički učitan nav, footer i sidebar koji su opisani na prethodnoj stranici.

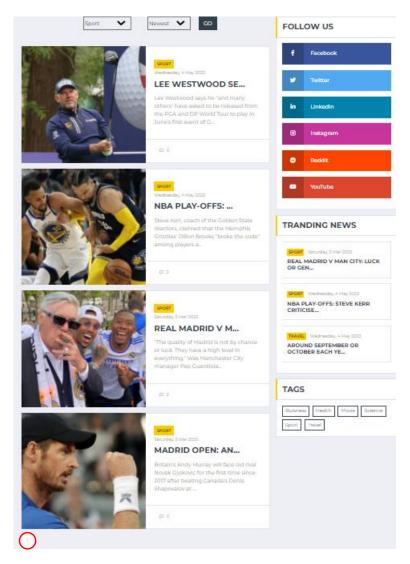
2.3.3 all-news.php



Na stranici all-news.php se nalaze sve novosti. Prikazuju se po 4 novosti po stranici, za pregled ostalih novosti odrađena je pagijacija koja je realizovana korišćenjem query stringa.



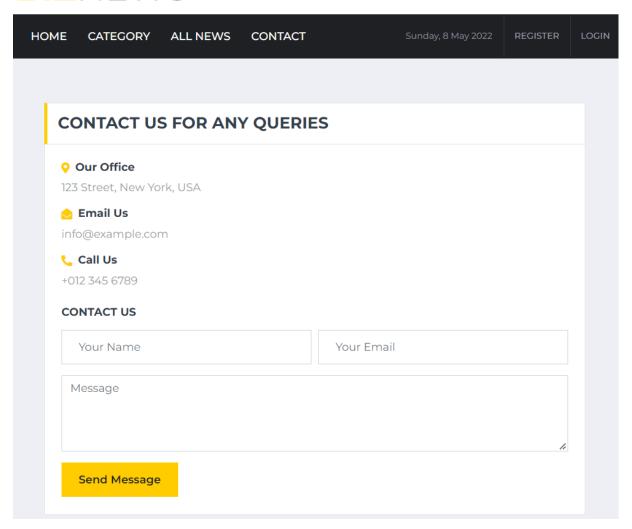
Druga stranica novosti.



Pored navedenih funkcionalnosti omogućeno je filtriranje i sortiranje novisti. Sva filtriranja i sortiranja su uparena. Broj strana se automatski izračunava na osnovu broja samih vijesti za zadate filtere.

2.3.4 contact.php

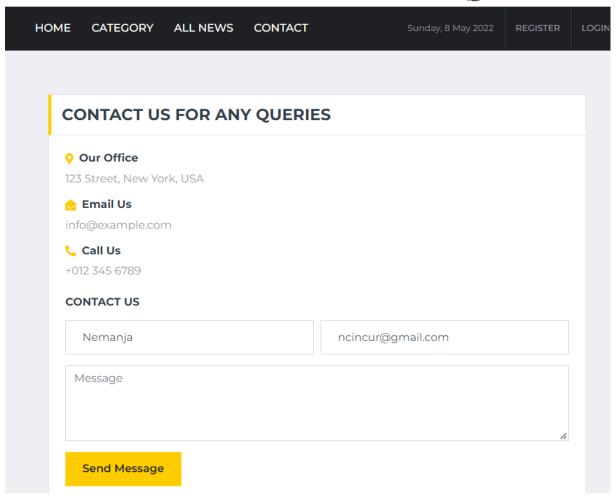
BIZNEWS



Na stranici contact.php je moguće poslati poruku. Svi posjetioci sajta mogu da šalju poruke.





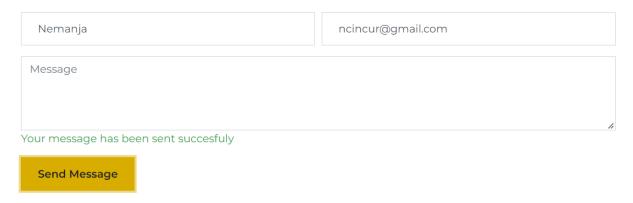


Ukoliko je korisnik ulogovan polje za ime i email će biti automatski popunjeni.

CONTACT US

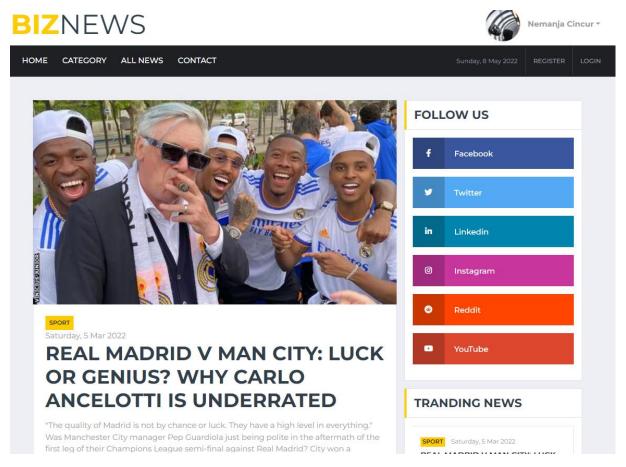


Prilikom klika na dugme za slanje podataka vršli se klijentska provjera podataka. Ukoliko korisnik ne popuni formu pravilo biće mu ispisana poruka sa uputstvima za popunjavanje ispod polja koja nisu pravilno popunjena.



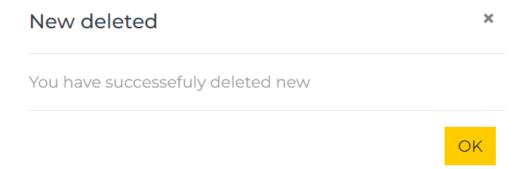
Ukoliko je forma pravilno popunjena korisniku će biti ispisana poruka da je poruka poslata. Podaci iz forma se šalju putem AJAX-a. Validacija same forma se vrši upotrebom regularnih izraza koji se provjeravaju sa klijentske i sa serverske strane.

2.3.5 single-new.php

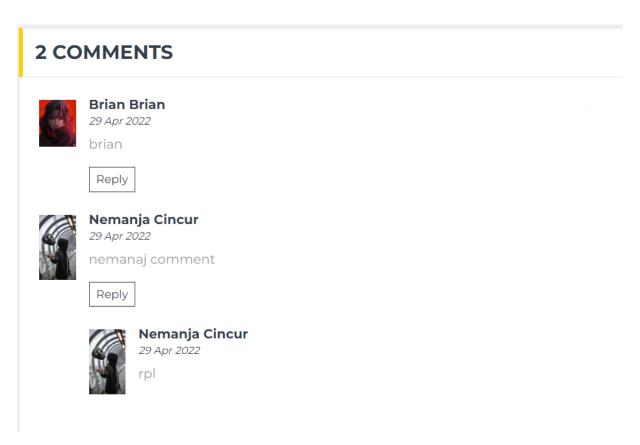


Stranici single-new.php je jedino moguće pristupiti klikom na naslov neke novosti. Zaštićena je od pristupa preko url adrese. Sav sadržaj ove stranice je dinamički ispisan.





Administratori mogu obrisati vijest.

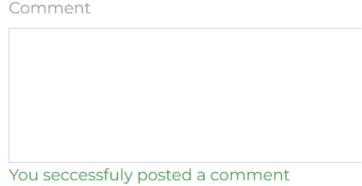


Na ovoj stranici omogućeni su komentari. Učitavanje komentara se odvija u realnom vremenu preko AJAX-a, tako da nije potrebno ponovo učitati čitavu stranicu da bi se vidio svoj ili nečiji drugi komentar. Pored običnog komentarisanja omogućemo je i odgovaranje na komentare klikom na dugme reply.



Administrator može da obriše komentare klikom na putaču na desnoj strani komentara.

LEAVE A COMMENT
Comment
Please enter comment
Leave a comment
REPLY
Comment
Leave a comment
Slanje podataka iz forme se vrši putem AJAX-a, klikom na dugme za post vrši se validacija podataka sa klijentske i serverske strane.
Comment



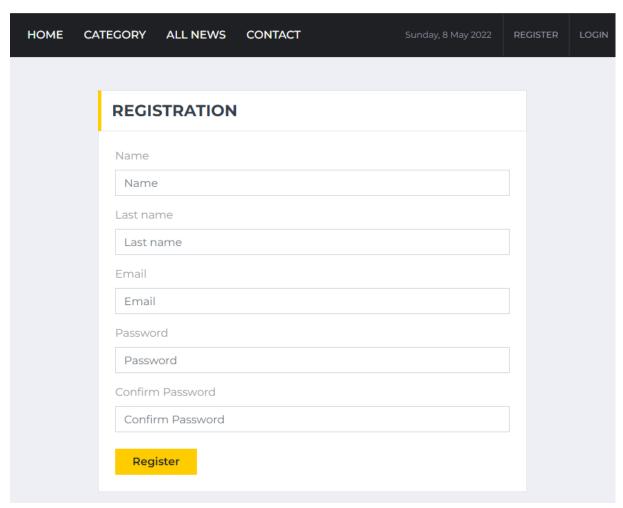
Ukoliko su podaci validni korisnik će biti obaviješten porukom.

You want to post comment please login or register

Komentare mogu da vide svi, dok je komentarisanje omogućeno samo autorizovanim korisnicima.

2.3.6 registration.php

BIZNEWS



Ovo je stranica za registraciju korisnika. Korisnik ovdje unosi svoje podatke za registracija.

REGISTRATION

Name
Name
Please enter your name ex. David
Last name
Last name
Please enter your last name ex. James
Email
Email
Please enter your email ex. email@gmail.com
Password
Password
Password length has to be at least 6, and it has to have at least one number and no special characters
Confirm Password
Confirm Password
Password do not match
Register ikom na dugme za registraciju vrši se klijentska proviera podataka. Ukoliko podaci nisu pravi

Klikom na dugme za registraciju vrši se klijentska provjera podataka. Ukoliko podaci nisu pravilno ispunjeni korisniku će biti prikazane poruke sa uputstvima za pravilno popunjavanje. Ukoliko je forma pravilno popunjena, podaci se šalju puta AJAX-a nakon čega se vrši serverska provjera.

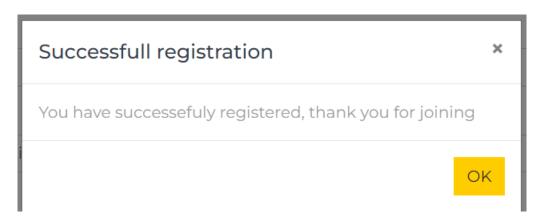
Email

marko@gmail.com

This email is already in use, please enter another email

Daccinord

Svaki korisnik ima jedinstven email, što se provjerava na serverskoj strani, ukoliko korisnik unese email koji je već u upotrebi biće obaviješten adekvatnom porukom.



Ukoliko je forma prošla klijentske i serverske provjere korisnik će biti obaviješten adektavnom porukom.



Admin Owner of InfinityFree

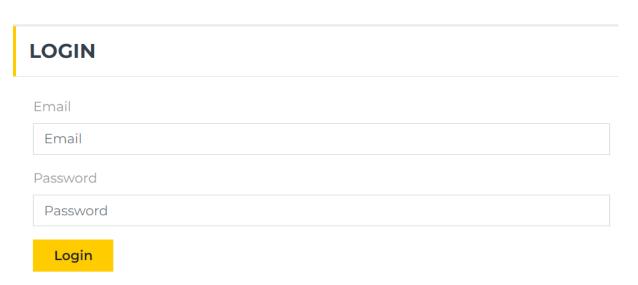


The most common way to send email from your website is by using the PHP mail() function. PHP mail() is an easy to use email system built into the PHP programming language. It's the default setting for almost all applications.

However, **PHP mail is severely restricted** on InfinityFree. To prevent spam and other abuse, most messages sent through PHP mail are rejected by the mail system. In practice, this means **you cannot use PHP mail on InfinityFree** to send your email.

Sama registracija je zamišljena da se obavlja slanjem aktivacionog linka putem mejla što je moguće u "lokalu", međutim prilikom hostovanja autor je naišao na problem. IinfinityFree ne dozvoljava slanje mejlova ukoliko se koristi free hosting, s toga je autor bio primoran da odustane od registracije prilikom mejla. Kod za registraciju putem mejla nalazi se u fajlu models/registration2.php, dok se kod za običnu registraciju nalazi u fajlu models/registration.php

2.3.7 login.php



Stranica za logovanje sadrži formu za unos podataka. Podaci iz forme se šalju putem AJAX-a, prije slanja se vrši klijentska a nakon slanja serverska validacija.

Email

Email

Please enter your email ex. email@gmail.com

Password

Password

Password length has to be at least 6, and it has to have at least one number and no special characters

Klikom na dugme login vrši se klijentska provjera podataka prije slanja. Ukoliko su podaci tačni prosleđuju se dalje.

Email

res@gmail.com

User with this email, doesn't exist

Email

novi@gmail.com

This account is temporarly banned

Password

.....

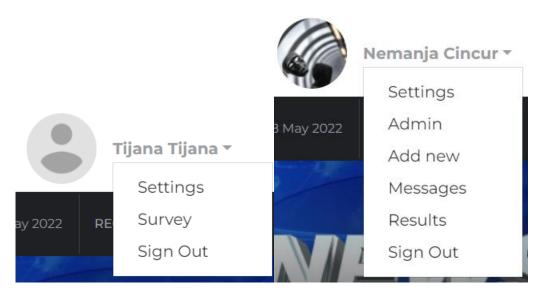
Incorrect password

Sa serverske strane se pored provjere ispravnosti podataka regularnim izrazima vrši i ostale provjere kao što su da li korisnik sa datim emailom uopšte postoji, da li je lozinka tačna i da li je korisnikov nalog aktivan. Prilikom upisa u bazu šifra korisnika se kriptuje md5 funkcijom.

Login

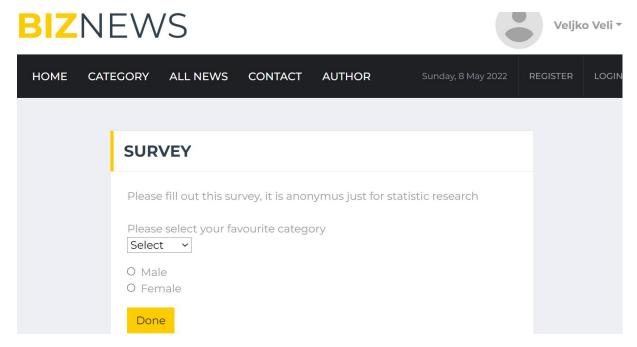
Welcome Nemanja

Ukoliko su svi podaci ispravni korisniku će biti prikazana poruka dobrodišlice i biće redirektovan na index stranicu.

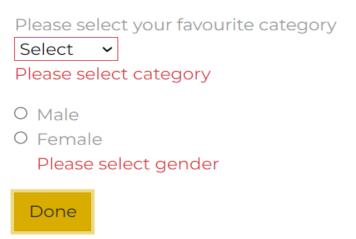


Nakon logovanja korisniku će se u fornjem lijevom uglu prikazati profila slika sa padajućom listom za opcije. U zavisnosti od uloge korisnika razlikuju se i opcije. Tako možemo vidjeti opcije za običnog korisnika lijevo i opcije za administratora desno.

2.3.8 survey.php

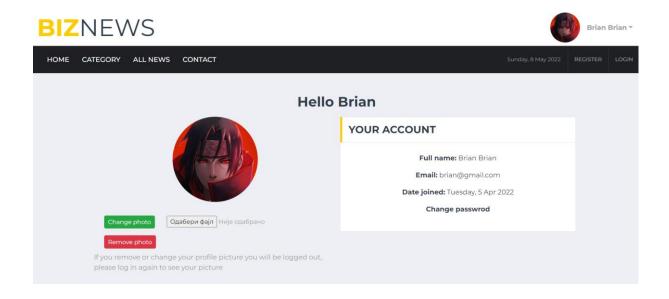


Na stranici survey.php se nalazi anketa koju mogu da popunjavaju samo autorizovatni korisnici. Stranica je zaštićena od neovlašćenog pristupa. Anketa se može popuniti jednom nakon čega više neće biti dostupna korisniku. Iako anketu mogu da popune samo autorizovani korisnici, anketa je anonimna i administrator nema uvid u to ko je popunio, jer ako ne bi bila anonimna ne bi bila anketa (a).



Klikom na dugme Done vrši se klijentska provjera, ukoliko su podaci pravilno popunjeni podaci se šalju AJAX-om. Ukoliko forma prođe klijentske i serverske provjere korisnik će biti obaviješten adekvatnom porukom.

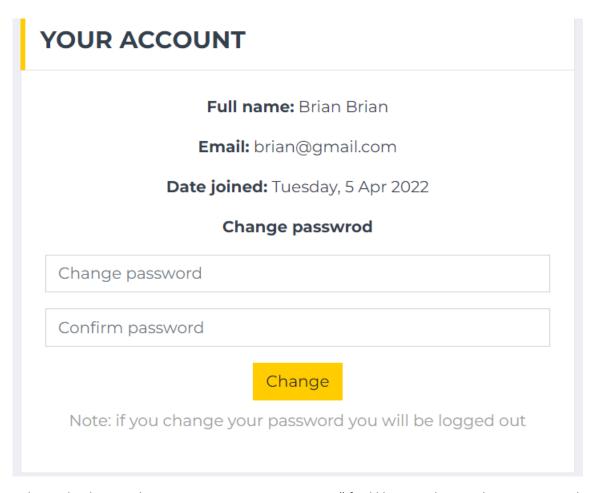
2.3.9 user.php



Stranica user.php je namijenjena svim autorizovanim korisnicima bez obzira na ulogu. Ovdje korisnici mogu vidjeti svoje podatke, promijeniti svoju profilnu fotografiju ili ukloniti postojeću. Svi korisnici prilikom registracije dobijaju podrazumjevanu profilnu sliku koju ovdje mogu izmijeniti.



Prilikom mijenjanja slike vrši se provjera slike, dozvoljeni tipovi su jpg, jpeg i png. Ukoliko je slika promijenjena korisnik će biti izlogovan.



Pored navedenih opcija korisnici mogu i promijeniti svoju šifru klikom na dugme Change password.

Change password

Password length has to be at least 6, and it has to have at least one number and no special characters

Confirm password

Password do not match

Change

Podaci iz forme se validiraju na klijentskoj i serverskoj strani dok se slanje podatake iz forme se vrši putem AJAX-a.



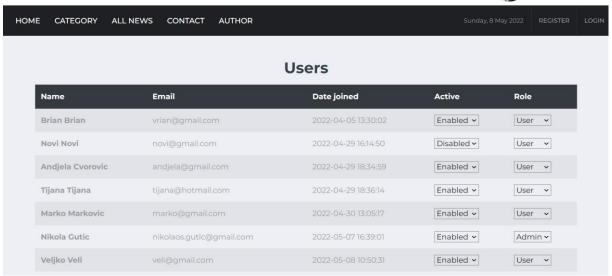
Password changed

Ukoliko je šifra pravilno unesena korisnik će biti obaviješten porukom a potom će biti izlogovan.

2.3.10 admin.php



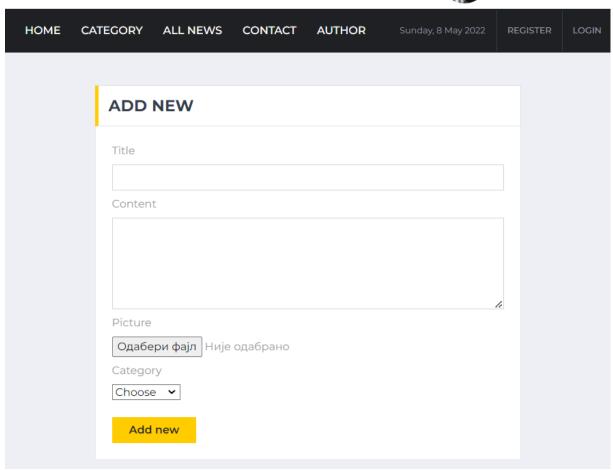




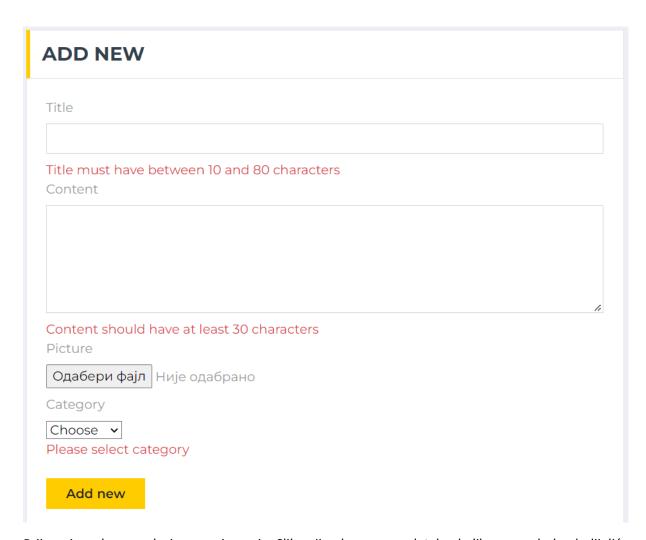
Stranica admin.php je dio admin panela i namijenjena je administratorima. Zaštićena je od neovlašćenog pristupa, a kao i sve ostale i sadržaj ove stranice učitan je dinamički iz baze. Ovdje administrator može promijeniti uloge korisnika, kao i onemogućiti njihove naloge.







Stranica add-new.php je takođe dio admin panela. Na ovoj stranici se nalazi forma za dodavanje vijesti.



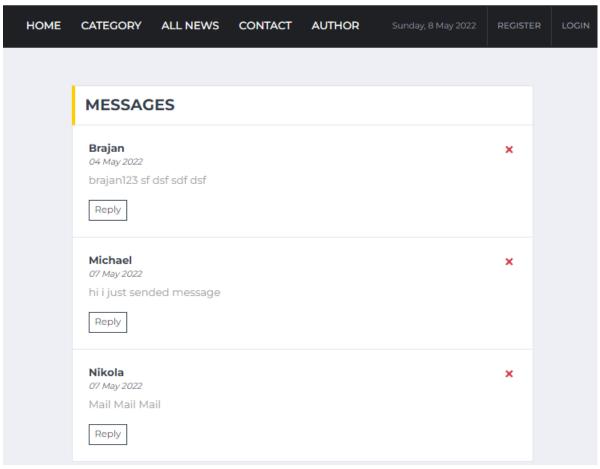
Prije upisa u bazu podaci se provjeravaju. Slika nije obavezan podatak, ukoliko se ne doda, dodijeliće se podrazumjevana slika.

Add new
You seccessfully added new

Ukoliko je vijest uspješno dodata korisniku će biti ispisana poruka.



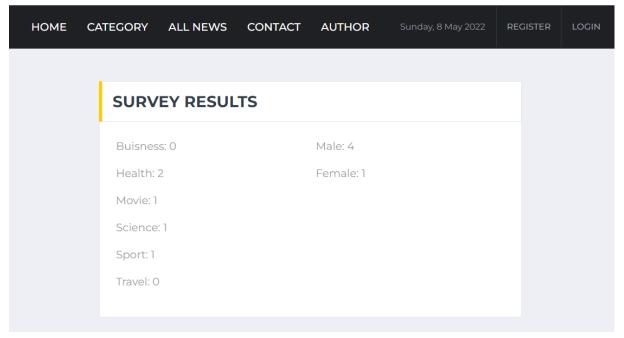




Ovo je još jedna stranica admin panela, kao i sve ostale stranice namijenjene autorizovanim korisnicima i ova stranica je zaštićena od neovlašćenog pristupa. Administrator ovdje može vidjeti sve poruke, odgovoriti na njih ili ih obrisati.

BIZNEWS





Još jedna stranica namijenjena administratorima, sadržaj je dinamički ispisan i zaštićena je od neovlašćenog pristupa. Na ovoj stranici administrator može vidjeti rezultate ankete koju su popunili korisnici.

- 3. Kodovi
- 3.1 PHP
- 3.1.1 index.php

```
<?php
    session_start();
    include "connection/database.php";
    include "models/functions.php";
    $headline = selectHeadlines();
    $categories = selectAll("category");
    include_once "includes/head.php";
?>

<!-- Main News Slider Start -->
    <div class="container-fluid">
```

```
<div class="row">
            <div class="col-lg-7 px-0">
                <div class="owl-carousel main-carousel position-relative">
                <!-- PITAJ ZASTO000!!! -->
                <!-- SLAJDER - 3 VIJESTI -->
                    <?php foreach($headline as $key=>$h):?>
                        <?php if($key > 2) break;?>
                            <div class="position-relative overflow-hidden"</pre>
style="height: 500px;">
                                <img class="img-fluid h-100" alt="<?=$h-</pre>
>alt?>" src="img/<?=$h->src?>" style="object-fit: cover;">
                                <div class="overlay">
                                    <div class="mb-2">
                                         <a class="badge badge-primary text-</pre>
uppercase font-weight-semi-bold p-2 mr-2 float-left"
                                        href="all-news.php?filter=1&cat=<?=$h-
>category_id?>"><?=$h->name?></a>
                                        left"><?=date("1, j M Y", strtotime($h->date))?>
                                    </div>
                                     <a class="h2 m-0 text-white text-uppercase</pre>
font-weight-bold" href="single.php?single=<?=$h->news id?>">
                                        <?php if(strlen($h->title) > 40):?>
                                             <?=substr($h->title, 0,
40)."..."?>
                                             <?=$h->title?>
                                     </a>
                                </div>
                            </div>
                    <?php endforeach?>
                </div>
            </div>
            <div class="col-lg-5 px-0">
                <div class="row mx-0">
                    <!-- DESNI DIO - 4 VIJESTI -->
                    <?php foreach($headline as $key=>$h):?>
                        <?php if($key < 3) continue;?>
                        <?php if($key > 6) break;?>
                        <div class="col-md-6 px-0">
                            <div class="position-relative overflow-hidden"</pre>
style="height: 250px;">
                                <img class="img-fluid w-100 h-100" alt="<?=$h-</pre>
>alt?>" src="img/<?=$h->src?>" style="object-fit: cover;">
                                <div class="overlay">
                                    <div class="mb-2">
                                        <a class="badge badge-primary text-</pre>
uppercase font-weight-semi-bold p-2 mr-2 float-left"
```

```
href="all-news.php?filter=1&cat=<?=$h-</pre>
>category_id?>"><?=$h->name?></a>
                                         class="text-white float-
left"><small><?=date("1, j M Y", strtotime($h->date))?></small>
                                     </div>
                                     <a class="h6 m-0 text-white text-uppercase</pre>
font-weight-semi-bold" href="single.php?single=<?=$h->news_id?>">
                                         <?php if(strlen($h->title) > 30):?>
                                              <?=substr($h->title, 0,
30)."..."?>
                                              <?=$h->title?>
                                     </a>
                                 </div>
                             </div>
                         </div>
                </div>
            </div>
        </div>
    </div>
    <!-- Main News Slider End -->
    <!-- News With Sidebar Start -->
    <div class="container-fluid mt-5">
        <div class="container">
            <div class="row">
                <div class="col-lg-8">
                    <div class="row">
                         <div class="col-12">
                             <div class="section-title">
                                 <h4 class="m-0 text-uppercase font-weight-
bold">Latest News</h4>
                             </div>
                         </div>
                         <?php foreach($headline as $key=>$h):?>
                             <?php if($key < 7) continue;?>
                             <div class="col-lg-6">
                                 <div class="position-relative mb-3">
                                     <img class="img-fluid w-100"</pre>
src="img/<?=$h->src?>" alt="<?=$h->alt?>" style="object-fit: cover;">
                                     <div class="bg-white border border-top-0</pre>
p-4">
                                         <div class="mb-2">
                                              <a class="badge badge-primary
text-uppercase font-weight-semi-bold p-2 mr-2"
```

```
href="all-
news.php?filter=1&cat=<?=$h->category_id?>"><?=$h->name?></a>
                                           <small><?=date("1, j M Y",
strtotime($h->date))?></small>
                                        </div>
                                        <a class="h4 d-block mb-3 text-</pre>
secondary text-uppercase font-weight-bold" href="single.php?single=<?=$h-</pre>
>news_id?>">
                                           <?php if(strlen($h->title) >
20):?>
                                                <?=substr($h->title, 0,
20)."..."?>
                                                <?=$h->title?>
                                        <?php if(strlen($h->content) > 30):?>
                                                <?=substr($h->content, 0,
30)."..."?>
                                                <?=$h->content?>
                                        </div>
                                </div>
                            </div>
                    </div>
                </div>
                <?php include_once("includes/sidebar.php")?>
            </div>
        </div>
    </div>
    include_once("includes/footer.php");
```

3.1.2 category.php

```
<?php
    session_start();
    include "connection/database.php";</pre>
```

```
include "models/functions.php";
    $headline = selectHeadlines();
    $categories = selectAll("category");
    include_once "includes/head.php";
    $cid=1;
    <!-- News With Sidebar Start -->
    <div class="container-fluid mt-5 pt-3">
        <div class="container">
            <div class="row">
                <div class="col-lg-8">
                     <?php foreach($categories as $c):?>
                             $topCategories = $conn->query("SELECT * FROM img i
INNER JOIN news n ON i.img_id=n.img_id INNER JOIN category c ON
n.category_id=c.category_id WHERE n.category_id=".$cid." ORDER BY n.date DESC
LIMIT 2")->fetchAll();
                         <div class="row">
                             <div class="col-12">
                                 <div class="section-title">
                                     <h4 class="m-0 text-uppercase font-weight-
bold">Category: <?=$c->name?></h4>
                                     <a class="text-secondary font-weight-</pre>
medium text-decoration-none" href="all-news.php?filter=1&cat=<?=$c-
>category_id?>">View All</a>
                                 </div>
                             </div>
                             <?php foreach($topCategories as $tc):?>
                                 <div class="col-lg-6">
                                     <div class="d-flex align-items-center bg-</pre>
white mb-3 nemanja" style="height: 110px;">
                                         <img src="img/<?=$tc->src?>"
alt="<?=$tc->alt?>">
                                         <div class="w-100 h-100 px-3 d-flex</pre>
flex-column justify-content-center border border-left-0">
                                             <div class="mb-2">
                                                  <a class="badge badge-primary</pre>
text-uppercase font-weight-semi-bold p-1 mr-2" href="all-
news.php?filter=1&cat=<?=$c->category_id?>"><?=$c->name?></a>
                                                 <a class="text-body"</pre>
href=""><small><?=date("1, j M Y", strtotime($tc->date))?></small></a>
                                             </div>
                                             <a class="h6 m-0 text-secondary</pre>
text-uppercase font-weight-bold" href="">
                                             <?php if(strlen($tc->title) >
30):?>
                                                  <?=substr($tc->title, 0,
30)."..."?>
```

3.1.3 all-news.php

```
session_start();
include "connection/database.php";
include "models/functions.php";
$headline = selectHeadlines();
$categories = selectAll("category");
$limit = isset($_GET['limit']) ? $_GET['limit'] : 0;
$filter = 0;
$catID = 0;
$sortID = 0;
$countNews = selectAll("news");
if(isset($_GET['filter'])){
    if(isset($_GET['cat'])){
        if($_GET['cat'] != 0){
            $catID = $_GET['cat'];
            $countNews = countNews($catID);
        }
    if(isset($_GET['sort'])){
        if($_GET['sort'] != 0){
            $sortID = $_GET['sort'];
```

```
$news = allNews($limit, 4, $catID, $sortID);
    }
    else{
        $news = allNews($limit, 4, null, null);
    include_once "includes/head.php";
    <!-- News With Sidebar Start -->
    <div class="container-fluid">
        <div class="container">
            <div class="row mt-3">
                 <div class="col-lg-8">
                     <div class="row justify-content-center">
                         <select class="form-select mx-4" aria-label="Default</pre>
select example" id="filterNews">
                             <option value="0">Categories</option>
                             <?php foreach($categories as $c):?>
                             <option value="<?=$c->category_id?>" <?php</pre>
if($catID == $c->category_id):?>selected<?php endif?>><?=$c->name?></option>
                         </select>
                         <select class="form-select mx-4" aria-label="Default"</pre>
select example" id="orderNews">
                             <option value="0">Order by</option>
                             <option value="1" <?php if($sortID ==</pre>
1):?>selected<?php endif?>><a href="index.php">Oldest</a></option>
                             <option value="2" <?php if($sortID ==</pre>
2):?>selected<?php endif?>>Newest</option>
                         </select>
                         <input type="button" value="GO" id="filterBtn"</pre>
class="btn btn-secondary">
                     </div>
                     <div class="row mt-5">
                         <?php foreach($news as $n):?>
                         <div class="col-lg-12">
                             <div class="row news-lg mx-0 mb-3">
                                  <div class="col-md-6 h-100 px-0">
                                      <img class="img-fluid h-100"</pre>
src="img/<?=$n->src?>" alt="<?$n->alt?>" style="object-fit: cover;">
                                 </div>
                                 <div class="col-md-6 d-flex flex-column border</pre>
bg-white h-100 px-0">
                                      <div class="mt-auto p-4">
                                          <div class="mb-2">
                                              <a class="badge badge-primary</pre>
text-uppercase font-weight-semi-bold p-2 mr-2"
                                                  href="all-
news.php?filter=1&cat=<?=$n->category id?>"><?=$n->name?></a>
```

```
0"><small><?=date("1, j M Y", strtotime($n->date))?></small>
                                      </div>
                                      <a class="h4 d-block mb-3 text-</pre>
secondary text-uppercase font-weight-bold" href="single.php?single=<?=$n-</pre>
>news id?>">
                                          <?php if(strlen($n->title) >
15):?>
                                              <?=substr($n->title, 0,
15)."..."?>
                                              <?=$n->title?>
                                      </a>
                                      <?php if(strlen($n->content) >
130):?>
                                              <?=substr($n->content, 0,
130)."..."?>
                                              <?=$n->content?>
                                      </div>
                                   <div class="d-flex justify-content-between</pre>
bg-white border-top mt-auto p-4">
                                      <div class="d-flex align-items-</pre>
center">
                                          <small class="ml-3"><i class="far</pre>
fa-comment mr-2"></i><?=count(getComments($n->news_id))?></small>
                                      </div>
                                   </div>
                               </div>
                           </div>
                       </div>
                   </div>
               </div>
               <?php include_once("includes/sidebar.php")?>
           </div>
           <?php for($i = 0; $i < ceil(count($countNews) / 4); $i++):?>
               <a class="page-link" href="all-</pre>
news.php?limit=<?=$i?>&filter=1&cat=<?=$catID?>&sort=<?=$sortID?>"><?=($i+1)?>
</<mark>a></mark>
           </div>
    </div>
```

```
<!-- News With Sidebar End -->
<?php
   include_once("includes/footer.php");
?>
```

3.1.4 contact.php

```
session_start();
    include "connection/database.php";
    include "models/functions.php";
    $categories = selectAll("category");
    include_once "includes/head.php";
    <!-- Contact Start -->
    <div class="container-fluid mt-5 pt-3">
        <div class="container">
            <div class="row">
                <div class="col-lg-10 m-auto">
                    <div class="section-title mb-0">
                        <h4 class="m-0 text-uppercase font-weight-
bold">Contact Us For Any Queries</h4>
                    </div>
                    <div class="bg-white border border-top-0 p-4 mb-3">
                        <div class="mb-4">
                            <div class="mb-3">
                                <div class="d-flex align-items-center mb-2">
                                    <i class="fa fa-map-marker-alt text-</pre>
primary mr-2"></i></i>
                                    <h6 class="font-weight-bold mb-0">Our
Office</h6>
                                </div>
                                123 Street, New York, USA
                            </div>
                            <div class="mb-3">
                                <div class="d-flex align-items-center mb-2">
                                    <i class="fa fa-envelope-open text-primary</pre>
mr-2"></i>
                                    <h6 class="font-weight-bold mb-0">Email
Us</h6>
                               </div>
                                info@example.com
                            </div>
                            <div class="mb-3">
```

```
<div class="d-flex align-items-center mb-2">
                                     <i class="fa fa-phone-alt text-primary mr-</pre>
2"></i>
                                     <h6 class="font-weight-bold mb-0">Call
Us</h6>
                                 </div>
                                 +012 345 6789
                             </div>
                         </div>
                         <h6 class="text-uppercase font-weight-bold mb-
3">Contact Us</h6>
                         <form id="form-contact">
                             <div class="form-row">
                                 <div class="col-md-6">
                                     <div class="form-group">
                                         <input type="text" class="form-control</pre>
p-4" placeholder="Your Name" id="contactName" <?php
if(isset($_SESSION['user'])):?>value="<?=$_SESSION['user']->name?>"<?php
endif?> />
                                     </div>
                                 </div>
                                 <div class="col-md-6">
                                     <div class="form-group">
                                         <input type="email" class="form-</pre>
control p-4" placeholder="Your Email" id="contactEmail" <?php</pre>
if(isset($_SESSION['user'])):?>value="<?=$_SESSION['user']->email?>"<?php</pre>
endif?> />
                                     </div>
                                 </div>
                             </div>
                             <div class="form-group">
                                 <textarea class="form-control" rows="4"</pre>
placeholder="Message" id="contactMessage"></textarea>
                             </div>
                                 <input type="button" value="Send Message"</pre>
class="btn btn-primary font-weight-semi-bold px-4" style="height: 50px;"
id="btnContactMessage" />
                             </div>
                         </form>
                    </div>
                </div>
            </div>
        </div>
    </div>
    <!-- Footer Start -->
```

```
include_once("includes/footer.php");
?>
```

3.1.5 registration.php

```
session start();
    include "connection/database.php";
    include "models/functions.php";
    $social = selectAll("social");
    $categories = selectAll("category");
    include_once("includes/head.php");
    <div class="container my-5">
        <div class="row" id="model">
            <div class="col-lg-8 m-auto">
                <div class="section-title mb-0">
                     <h4 class="m-0 text-uppercase font-weight-
bold">REGISTRATION</h4>
                </div>
                <div class="bg-white border border-top-0 p-4 mb-3">
                     <form id="registration">
                         <label for="name">Name</label>
                         <input type="text" class="form-control" id="name"</pre>
placeholder="Name" />
                         <label for="lastName" class="mt-3">Last name</label>
                         <input type="text" class="form-control" id="lastName"</pre>
placeholder="Last name" />
                         <label for="email" class="mt-3">Email</label>
                         <input type="email" class="form-control" id="email"</pre>
placeholder="Email" />
                         <label for="password" class="mt-3">Password</label>
                         <input type="password" class="form-control"</pre>
id="password" placeholder="Password" />
                         <label for="conf-password" class="mt-3">Confirm
Password</label>
                         <input type="password" class="form-control" id="conf-</pre>
password" placeholder="Confirm Password" />
```

3.1.6 login.php

```
session_start();
    include "connection/database.php";
    include "models/functions.php" ;
    $social = selectAll("social");
    $categories = selectAll("category");
    include_once("includes/head.php");
    <div class="container my-5">
        <div class="row">
            <div class="col-lg-8 m-auto">
                <div class="section-title mb-0">
                     <h4 class="m-0 text-uppercase font-weight-bold">LOGIN</h4>
                </div>
                <div class="bg-white border border-top-0 p-4 mb-3">
                         <label for="email">Email</label>
                         <input type="email" class="form-control" id="email"</pre>
placeholder="Email" />
                         <label for="password" class="mt-3">Password</label>
                         <input type="password" class="form-control"</pre>
id="password" placeholder="Password" />
                         <input type="button" value="Login" class="btn btn-</pre>
primary font-weight-semi-bold px-4 mt-3" id="login" name="login" />
                         <?php if(isset($_GET['userRegister']) &&</pre>
isset($_GET['unique'])){
                            $userToCheck = getActUser($ GET['userRegister']);
```

```
if($userToCheck->active == 0 &&
strtotime($userToCheck->date) == $_GET['unique']){
                            echo "You have already
registered";
                        else if(strtotime($userToCheck->date) ==
$_GET['unique']){
                            changeStatus($_GET['userRegister'], 0,
"active");
                            echo "You have
successfully registered, please log in";
                     }
                 </form>
              </div>
          </div>
       </div>
   </div>
??php include once("includes/footer.php")?>
```

3.1.7 single.php

```
session_start();
if(isset($_GET['single'])){
    include "connection/database.php";
    include "models/functions.php";
    $new = singleNew($ GET['single']);
    $headline = selectHeadlines();
    $categories = selectAll("category");
    $comments = getComments($new->news id, null);
    include_once "includes/head.php";
}
else{
    header("Location:index.php");
<!-- News With Sidebar Start -->
<div class="container-fluid mt-5">
    <div class="container">
       <div class="row">
```

```
<div class="col-lg-8">
                    <!-- News Detail Start -->
                    <div class="position-relative mb-3">
                        <img class="img-fluid w-100" src="img/<?=$new->src?>"
alt="<?=$new->alt?>" style="object-fit: cover;">
                        <div class="bg-white border border-top-0 p-4">
                                 <a class="badge badge-primary text-uppercase"</pre>
font-weight-semi-bold p-2 mr-2"
                                href="all-news.php?filter=1&cat=<?=$new-
>category_id?>"><?=$new->name?></a>
                                <?=date("1, j M Y",</pre>
strtotime($new->date))?>
                                <?php if(isset($_SESSION['user'])):?>
                                <?php if($_SESSION['user']->role_id == 1):?>
                                <input type="button" data-img="<?=$new-</pre>
>img_id?>" data-src="<?=$new->src?>" value="DELETE NEW" class="mt-1 btn btn-
danger btn-sm" id="deleteNew" />
                            <h1 class="mb-3 text-secondary text-uppercase"
font-weight-bold"><?=$new->title?></h1>
                            <?=$new->content?>
                        </div>
                    </div>
                    <!-- News Detail End -->
                    <!-- Comment List Start -->
                    <div class="mb-3" id="reloadDiv">
                        <div id="rld">
                        <div class="section-title mb-0">
                            <h4 class="m-0 text-uppercase font-weight-
bold"><?=count($comments)?> Comments</h4>
                        </div>
                            <?php if(count($comments) > 0):?>
                                 <div class="bg-white border border-top-0 p-4">
                                    <?php foreach($comments as $c):?>
                                         <?php $reply = getRepyComments($c-</pre>
comm_id)?>
                                         <div class="media mb-4 position-</pre>
relative">
                                             <input type="hidden" value="<?=$c-</pre>
>comm id?>" />
                                         <?php if(isset($_SESSION['user'])):?>
                                         <?php $activeUser =</pre>
$_SESSION['user'];?>
                                             <?php if($activeUser->role_id ==
```

```
<!-- <button class="border-0 text-
danger nc-delete position-absolute"><i class="fas fa-times" aria-
hidden="true"></i></button> -->
                                              <button class="border-0 text-</pre>
danger nc-delete position-absolute"><i class="fas fa-times" aria-
hidden="true"></i></button>
                                              <img src="img/<?=$c->src?>"
alt="<?=$c->alt?>" class="img-fluid mr-3 mt-1" style="width: 45px;" />
                                              <div class="media-body">
                                                  <h6><p class="text-secondary"
font-weight-bold mb-0"><?=$c->name?> <?=$c->last_name?>
<small><i><?=date("d M Y", strtotime($c->comment_date))?></i></mall></h6>
                                                  <?=$c->content?>
                                                  <input type="button"</pre>
value="Reply" class="btn btn-sm btn-outline-secondary replyComment" />
                                                  <?php if(count($reply) > 0):?>
                                                      <?php foreach($reply as</pre>
$r):?>
                                                      <div class="media mt-4</pre>
position-relative">
                                                           <input type="hidden"</pre>
value="<?=$r->comm_id?>" />
if(isset($_SESSION['user'])):?>
                                                           <?php if($activeUser-</pre>
>role_id == 1):<u>?</u>>
                                                           <button class="border-</pre>
0 text-danger nc-delete position-absolute"><i class="fas fa-times" aria-</pre>
hidden="true"></i></button>
                                                      <img src="img/<?=$r-</pre>
>src?>" alt="<?=$r->alt?>" class="img-fluid mr-3 mt-1" style="width: 45px;" />
                                                           <div class="media-</pre>
body">
                                                           <h6><p class="text-
secondary font-weight-bold mb-0"><?=$r->name?> <?=$r->last name?>
<small><i><?=date("d M Y", strtotime($r->comment_date))?></i></i></small></h6>
                                                           <?=$r-
>content?>
                                                           </div>
                                                      </div>
                                              </div>
                                          </div>
```

```
</div>
                            </div>
                    </div>
                    <!-- Comment Form Start -->
                    <?php if(isset($ SESSION['user'])):?>
                        <div class="mb-3">
                        <i class="fa-solid fa-x"></i></i>
                            <div class="section-title mb-0">
                                <h4 class="m-0 text-uppercase font-weight-
bold" id="leave-reply">Leave a comment</h4>
                            </div>
                            <div class="bg-white border border-top-0 p-4">
                                    <div class="form-group">
                                        <label for="comment">Comment</label>
                                         <textarea id="comment" cols="30"
rows="5" class="form-control"></textarea>
                                    </div>
                                    <div class="form-group mb-0">
                                         <input type="hidden"</pre>
value="<?=$_SESSION['user']->user_id?>" id="idUser" />
                                        <input type="hidden"</pre>
value="<?=$_GET['single']?>" id="idNew" />
                                        <input type="button" value="Leave a</pre>
comment" class="btn btn-primary font-weight-semi-bold py-2 px-3"
id="postComment" />
                                    </div>
                                </form>
                            </div>
                        </div>
                        <div class="mb-3">
                            <div class="section-title mb-0">
                                You want to post comment please
<a href="login.php">login</a> or <a href="registration.php">register</a>
                        </div>
                    <!-- Comment Form End -->
                <?php include once("includes/sidebar.php");?>
            </div>
        </div>
    </div>
    <!-- News With Sidebar End -->
```

```
<!-- Footer Start -->
<?php include_once("includes/footer.php");?>
```

3.1.8 user.php

```
session start();
    if(isset($_SESSION['user'])){
        include "connection/database.php";
        include "models/functions.php";
        $social = selectAll("social");
        $categories = selectAll("category");
        include once "includes/head.php";
        $user = $_SESSION['user'];
    else{
        header("HTTP/1.0 404 Not Found");
<div class="container py-5">
        <h2 class="text-center">Hello <?=$user->name?></h2>
    <div class="row mt-3">
        <div class="col-12 col-md-6">
            <div class="row">
                <div class="col-12 d-flex justify-content-center mb-3">
                     <div id="user-settings">
                         <img src="img/<?=$user->src?>" alt="<?=$user->alt?>"
class="m-auto img-fluid" />
                    </div>
                </div>
                <div class="m-auto col-12 d-flex justify-content-center">
                     <form action="models/photo-manipulation.php" method="post"</pre>
enctype="multipart/form-data">
                         <input type="submit" value="Change photo" class="btn</pre>
btn-success btn-sm rounded m-3" name="changePhotoBtn" />
                         <input type="hidden" name="imgSrc" value="<?=$user-</pre>
>src?>" />
                         <input type="file" class="bg-transparent mt-2 mt-lg-0</pre>
form-control-sm rounded" name="changePhoto" />
                         <input type="submit" value="Remove photo" class="btn</pre>
btn-danger btn-sm rounded mx-3" name="deletePhoto" />
                    </form>
                </div>
```

```
<?php if(isset($_SESSION['profileTypeError'])){</pre>
                        echo "<p class='text-danger mb-
0'>".$_SESSION['profileTypeError']."";";
                        unset($_SESSION['profileTypeError']);
                    }
                 If you remove or change your profile
picture you will be logged out, please log in again to see your picture
          </div>
       </div>
       <div class="col-12 col-md-6 mt-4 mt-md-0">
          <div class="section-title mb-0">
             <h4 class="m-0 text-uppercase font-weight-bold">Your
account</h4>
          </div>
          <div class="bg-white border border-top-0 p-4 text-center">
             <span class="font-weight-bold">Full
name:</span> <?=$user->name?> <?=$user->last_name?>
             <span class="font-weight-</pre>
bold">Email:</span> <?=$user->email?>
             <span class="font-weight-bold">Date
joined:</span> <?=date("1, j M Y", strtotime($user->date))?>
             >user_id?>"><span class="font-weight-bold">Change passwrod
          </div>
       </div>
   </div>
</div>
   include_once "includes/footer.php";
```

3.1.9 survery.php

```
<?php
    session_start();
    if(isset($_SESSION['user'])){
        include "connection/database.php";
        include "models/functions.php";
        $social = selectAll("social");</pre>
```

```
$categories = selectAll("category");
        include_once "includes/head.php";
        $user = $_SESSION['user'];
    }
    else{
       header("HTTP/1.0 404 Not Found");
    <div class="container my-5">
        <div class="row">
            <div class="col-lg-8 m-auto">
                <div class="section-title mb-0">
                    <h4 class="m-0 text-uppercase font-weight-
bold">SURVEY</h4>
                </div>
                <div class="bg-white border border-top-0 p-4 mb-3">
                    >Please fill out this survey, it is anonymus just for
statistic research
                    <label class="form-check-label mt-2" for="categorySurvey">
                         Please select your favourite category
                     </label><br/>
                     <select class="form-select" aria-label="Default select</pre>
example "id="categorySurvey">
                         <option value="0">Select</option>
                         <?php foreach($categories as $c):?>
                         <option value="<?=$c->category_id?>"><?=$c-</pre>
>name?></option>
                    </select>
                     <div class="form-check mt-3">
                         <input class="form-check-input gender" type="radio"</pre>
name="flexRadioDefault" id="flexRadioDefault1" value="1" />
                         <label class="form-check-label"</pre>
for="flexRadioDefault1">
                             Male
                         </label>
                         </div>
                         <div class="form-check">
                         <input class="form-check-input gender" type="radio"</pre>
name="flexRadioDefault" id="flexRadioDefault2" value="2" />
                         <label class="form-check-label"</pre>
for="flexRadioDefault2" id="second">
                             Female
                         </label>
                     <input type="button" value="Done" id="surveyBtn"</pre>
class="btn btn-primary my-3" />
```

3.1.10 admin.php

```
session_start();
   if(isset($_SESSION['user'])){
      if($_SESSION['user']->role_id == 1){
         include "connection/database.php";
         include "models/functions.php";
         $user = $_SESSION['user'];
         $social = selectAll("social");
         $categories = selectAll("category");
         $allUssers = selectAll("users");
         include once "includes/head.php";
      }
   }
   else{
      header("HTTP/1.0 404 Not Found");
<div class="container py-5">
      <h2 class="text-center">Users</h2>
   <div class="row mt-3">
      <thead class="thead-dark">
            Name
                Email
                Date joined
                Active
                Role
            </thead>
            <?php foreach($allUssers as $u):?>
               <?php if($u->user id == $user->user id) continue;?>
```

```
<input type="hidden" id="idUserToChange" value="<?=$u-</pre>
ouser_id?>" />
                  <?=$u->name?> <?=$u->last_name?>
                  <?=$u->date?>
                  <select class="form-select form-select-sm status"</pre>
data-type="active" aria-label=".form-select-sm example">
                         <?php if($u->active == 0):?>
                         <option selected value="0">Enabled</option>
                         <option value="1">Disabled</option>
                         <option value="0">Enabled</option>
                         <option selected value="1">Disabled</option>
                      </select>
                  <select class="form-select form-select-sm status"</pre>
data-type="role id" aria-label=".form-select-sm example">
                         <?php if($u->role_id == 1):?>
                         <option selected value="1">Admin</option>
                         <option value="2">User</option>
                         <option value="1">Admin</option>
                         <option selected value="2">User</option>
                      </select>
                  </div>
</div>
   include_once "includes/footer.php";
```

3.1.11 messages.php

```
<?php
session_start();</pre>
```

```
if(isset($_SESSION['user'])){
        if($_SESSION['user']->role_id == 1){
            include "connection/database.php";
            include "models/functions.php";
            $social = selectAll("social");
            $categories = selectAll("category");
            $messages = selectAll("messages");
            include_once "includes/head.php";
    }
    else{
        header("HTTP/1.0 404 Not Found");
<div class="container py-2">
    <div class="container my-5">
        <div class="row" id="model">
            <div class="col-lg-9 m-auto">
                <div class="section-title mb-0">
                    <h4 class="m-0 text-uppercase font-weight-
bold">MESSAGES</h4>
                </div>
                <?php if(count($messages) == 0):?>
                    <h2 class="text-center mt-5">There is no messages</h2>
                    <?php foreach($messages as $m):?>
                    <div class="bg-white border border-top-0 p-4">
                        <div class="media position-relative">
                            <input type="hidden" value="2">
                            <button class="border-0 text-danger nc-delete-</pre>
message position-absolute" data-id="<?=$m->message id?>"><i class="fas fa-
times" aria-hidden="true"></i></button>
                            <div class="media-body">
                                <h6><p class="text-secondary font-weight-bold"
mb-0"><?=$m->name?> <small><i><?=date("d M Y", strtotime($m-</pre>
>message_date))?></i></small></h6>
                                <?=$m->message?>
                                <a href="mailto:<?=$m->email?>" class="btn
btn-sm btn-outline-secondary
replyComment">Reply</a>
                            </div>
                        </div>
                    </div>
            </div>
        </div>
```

```
</div>
</php
include_once "includes/footer.php";

?>
```

3.1.12 results.php

```
session_start();
    if(isset($_SESSION['user'])){
        if($_SESSION['user']->role_id == 1){
            include "connection/database.php";
            include "models/functions.php";
            $user = $_SESSION['user'];
            $social = selectAll("social");
            $categories = selectAll("category");
            include_once "includes/head.php";
        }
    }
    else{
        header("HTTP/1.0 404 Not Found");
    }
<div class="container my-5">
        <div class="row">
            <div class="col-lg-8 m-auto">
                <div class="section-title mb-0">
                    <h4 class="m-0 text-uppercase font-weight-bold">SURVEY
RESULTS</h4>
                </div>
                <div class="bg-white border border-top-0 p-4 mb-3">
                    <div class="row">
                        <div class="col-12 col-1g-6">
                            <?php foreach($categories as $c):?>
                            <?=$c->name?>:
<?=count(categoryResult("category", "c", "survey", "s", "category_id",$c-</pre>
>category_id))?>
                        </div>
```

3.1.13 add-new.php

```
session start();
    if(isset($_SESSION['user'])){
        if($_SESSION['user']->role_id == 1){
            include "connection/database.php";
            include "models/functions.php";
            $user = $_SESSION['user'];
            $social = selectAll("social");
            $categories = selectAll("category");
            $limit = isset($_GET['limit']) ? $_GET['limit'] : 0;
            include_once "includes/head.php";
        }
    else{
        header("HTTP/1.0 404 Not Found");
    }
<div class="container py-5">
    <div class="row">
            <div class="col-lg-8 m-auto">
                <div class="section-title mb-0">
                    <h4 class="m-0 text-uppercase font-weight-bold">ADD
NEW</h4>
                </div>
```

```
<div class="bg-white border border-top-0 p-4 mb-3">
                 <form action="models/add-new.php" method="post"</pre>
enctype="multipart/form-data">
                         <label>Title</label>
                         <input type="text" class="form-control mb-2"</pre>
name="title" <?php</pre>
if(isset($_SESSION['titleValue'])):?>value="<?=$_SESSION['titleValue']?>"<?php
endif?> />
                         <?php if(isset($_SESSION['title'])){</pre>
                             echo "<p class='text-danger mb-
0'>".$_SESSION['title']."";";
                             unset($_SESSION['title']);
                         }
                         <?php unset($_SESSION['titleValue']);?>
                         <label>Content</label>
                         <textarea name="content" cols="30" rows="5"</pre>
class="form-control mb-2"><?php</pre>
if(isset($_SESSION['contentValue'])):?><?=$_SESSION['contentValue']?><?php
endif?></textarea>
                         <?php if(isset($_SESSION['content'])){</pre>
                             echo "<p class='text-danger mb-
0'>".$_SESSION['content']."";";
                             unset($_SESSION['content']);
                         }
                         <?php unset($_SESSION['contentValue']);?>
                         <label>Picture</label><br />
                         <input type="file" name="picture" class="mb-2" /><br</pre>
/>
                         <?php if(isset($_SESSION['typeError'])){</pre>
                             echo "<p class='text-danger mb-
0'>".$_SESSION['typeError']."";
                             unset($_SESSION['typeError']);
                         }
                         <label>Category</label><br />
                         <select name="category" class="form-select">
                             <option value="0">Choose</option>
                             <?php foreach($categories as $c):?>
                                  <option value="<?=$c->category_id?>"><?=$c-</pre>
>name?></option>
                         </select><br />
                         <?php if(isset($ SESSION['category'])){</pre>
```

```
echo "<p class='text-danger mb-
0'>".$_SESSION['category']."";
                             unset($_SESSION['category']);
                        }
                        <input type="submit" value="Add new" name="btnAddNew"</pre>
class="btn btn-primary font-weight-semi-bold px-4 mt-4" />
                        <?php if(isset($_SESSION['successfullyAdd'])){</pre>
                             echo "<p class='text-success mb-
0'>".$_SESSION['successfullyAdd']."";";
                             unset($_SESSION['successfullyAdd']);
                         }
                    </form>
                </div>
            </div>
    </div>
</div>
    include_once "includes/footer.php";
```

3.1.14 models/add-new.php

```
session_start();
$errors = 0;
simg = 8;
if(isset($_POST['btnAddNew'])){
    include "../connection/database.php";
    include "functions.php";
    try{
        $title = $_POST['title'];
        $content = $_POST['content'];
        $category = $_POST['category'];
        $file = $_FILES['picture'];
        $_SESSION['titleValue'] = $title;
        $_SESSION['contentValue'] = $content;
        if(checkErrors("/([A-z]|\d|\s){10,80}/", $title)){
            $_SESSION['title'] = "Title must have between 10 and 80
characters";
            $errors++;
        if(checkErrors("/([A-z]|\d|\s){30,}/", $content)){
```

```
$_SESSION['content'] = "Content should have at least 30
characters";
            $errors++;
        }
        if(is_uploaded_file($file['tmp_name'])){
            $name = $file['name'];
            $tempName = $file['tmp_name'];
            $size = $file['size'];
            $type = $file['type'];
            $errors = $file['error'];
            $countErr = 0;
            $allopwedType = ["image/jpg", "image/jpeg", "image/png",
"image/webp"];
            if(!in_array($type, $allopwedType)){
                $countErr++;
                $errors++;
                $_SESSION['typeError'] = "Allowed types are jpg, webp, jpeg or
png";
            if($countErr == 0){
                $newName = time()."_".$name;
                $src = "../img/".$newName;
                $alt = time()."-new";
                if(move uploaded file($tempName, $src)){
                    if(addImg($newName, $alt)){
                        $img = $conn->lastInsertId();
                    }
                }
            }
        if($category == "0"){
            $_SESSION['category'] = "Please select category";
            $errors++;
        if($errors == 0){
            unset($_SESSION['titleValue']);
            unset($ SESSION['contentValue']);
            $new = addNew($title, $content, $category, $img);
            if($new){
                $ SESSION['successfullyAdd'] = "You successfuly added new";
            }
        header("Location: ../add-new.php");
    catch(PDOException $exception){
        http response code(500);
```

```
}
}
else{
   header("HTTP/1.0 404 Not Found");
}
```

3.1.15 models/admin.php

```
session_start();
header('Content-Type: application/json');
if(isset($_POST['btn'])){
    include "../connection/database.php";
    include "functions.php";
    $id = $_POST['id'];
    $column = $_POST['column'];
    $value = $_POST['dataValue'];
    try{
        if(updateData($id, addslashes($column), $value)){
            echo json_encode(true);
            http_response_code(201);
    catch(PDOException $exception){
        http_response_code(500);
    }
else{
    http_response_code(404);
```

3.1.16 models/change-password.php

```
<?php
    session_start();
    header("Content-type: application/json");
    $errors = [];
    if(isset($_POST['btn'])){
        include "functions.php";
        include "../connection/database.php";</pre>
```

```
try{
            $id = $_POST['id'];
            $password = $_POST['password'];
            if(checkErrors("/^(?=.*[A-Za-z])(?=.*\d)[A-Za-z\d\s]{6,}$/",
$password)){
                $errors["password"] = "Password length has to be at least 6,
and it has to have at least one number and no special characters";
            if(count($errors) == 0){
                if(updateData($id, "password",md5($password))){
                    echo json_encode("Password changed");
                    http_response_code(201);
                }
            else echo json_encode($errors);
        }
        catch(PDOException $exception){
            http_response_code(500);
        }
    else{
        http_response_code(404);
```

3.1.17 models/delete-comment.php

```
<?php
session_start();
header('Content-Type: application/json');
if(isset($_POST['btn'])){
    include "../connection/database.php";
    include "functions.php";
    try{
        $id = $_POST['id'];
        if(count(getRepyComments($id)) > 0){
            deleteComment($id, true);
        }
        if(deleteComment($id, false)){
            echo json_encode(true);
            http_response_code(201);
        }
}
```

```
}
catch(PDOException $exception){
   http_response_code(500);
}

else{
   http_response_code(404);
}
```

3.1.18 models/delete-message.php

```
catch(PDOException $exception){
   http_response_code(4044);
}

catch(PDOException $exception){
   http_response_code(4044);
}

catch(PDOException $exception){
   http_response_code(4044);
}

catch(PDOException $exception){
   http_response_code(4044);
}
```

3.1.19 models/delete-new.php

```
<?php
session_start();
header('Content-Type: application/json');
$delete = true;
if(isset($_POST['btn'])){
   include "../connection/database.php";</pre>
```

```
include "functions.php";
   try{
       $id = $_POST['id'];
       $img = $_POST['img'];
       if($img != 8){
           $src = "../img/".$_POST['src'];
           if(file_exists($src)){
               unlink($src);
           $delete = deleteFunction("img", "img_id", $img);
       if($delete){
           if(count(getComments($id)) > 0){
                $delete = deleteFunction("comments", "news_id", $id);
           if($delete){
                if(deleteFunction("news", "news_id", $id)){
                    echo json_encode("Successfuly deleted new");
                    http_response_code(201);
               }
           }
   catch(PDOException $exception){
       http_response_code(500);
   }
else{
   http_response_code(404);
```

3.1.20 models/login.php

```
<?php
    session_start();
    header("Content-type: application/json");
    $errors = [];
    if(isset($_POST['btnl'])){
        include "functions.php";
        include "../connection/database.php";

    try{
        $email = $_POST['email'];
        $password = $ POST['password'];</pre>
```

```
if(!filter_var($email, FILTER_VALIDATE_EMAIL)){
                $errors["email"] = "Please enter your email ex.
email@gmail.com";
                if(checkErrors("/^(?=.*[A-Za-z])(?=.*\d)[A-Za-z\d\s]{6,}$/",
$password)){
                    $errors["passLog"] = "Password length has to be at least
6, and it has to have at least one number and no special characters";
            else{
                $exist = checkEmail($email);
                if($exist){
                    $pass = checkPassword($email, md5($password));
                    if(!$pass){
                        $errors["passLog"] = "Incorrect password";
                    else if(checkActive($email, md5($password))->active == 1){
                        $errors["email"] = "This account is temporarly
banned";
                    }
                else{
                    $errors["email"] = "User with this email, doesn't exist";
                    if(checkErrors("/^(?=.*[A-Za-z])(?=.*\d)[A-Za-
z\d\s]{6,}$/", $password)){
                        $errors["passLog"] = "Password length has to be at
least 6, and it has to have at least one number and no special characters";
            if(count($errors) == 0){
                $user = login($email, md5($password));
                if($user){
                    $ SESSION['user'] = $user;
                    echo json encode("Welcome ".$user->name);
                    http_response_code(201);
            else echo json_encode($errors);
        catch(PDOException $exception){
            http_response_code(500);
    }
    else{
        http_response_code(404);
```

3.1.21 models/messages.php

```
session start();
    header("Content-type: application/json");
    $errors = [];
    if(isset($_POST['btn'])){
        include "functions.php";
        include "../connection/database.php";
        try{
            $name = $_POST['name'];
            $email = $_POST['email'];
            $message = $_POST['message'];
            if(checkErrors("/^[A-Z][a-z]{2,15}$/", $name)){
                $errors["name"] = "Plese enter your name ex. David James";
            if(!filter var($email, FILTER VALIDATE EMAIL)){
                $errors["email"] = "Please enter your email ex.
email@gmail.com";
            if(checkErrors("/^([\w\.\-\s]{10,150})+$/", $message)){
                $errors["message"] = "Plese enter your last name name ex.
James";
            if(count($errors) == 0){
               if(sendMessage($name, $email, $message)){
                    echo json_encode("Your message has been sent succesfuly");
                    http_response_code(201);
               }
            else echo json_encode($errors);
        catch(PDOException $exception){
            http_response_code(500);
        }
    }
    else{
        http_response_code(404);
    }
```

```
session_start();
include "../connection/database.php";
include "functions.php";
if(isset($_POST['deletePhoto'])){
    $src = $_POST['imgSrc'];
    $user = $ SESSION['user'];
    if($user->profile_img_id != 1){
        $src = "../img/".$src;
        if(file exists($src)){
            unlink($src);
        if(updateProfileImg($user->user id, 1)){
            if(deleteFunction("profile_img", "profile_img_id", $user-
 profile_img_id)){
                header("Location: sign-out.php?id=1");
        }
    }
    else{
        header("Location: ../user.php");
    }
else if(isset($_FILES['changePhoto'])){
    $file = $_FILES['changePhoto'];
    $name = $file['name'];
    $tempName = $file['tmp_name'];
    $size = $file['size'];
    $type = $file['type'];
    $errors = $file['error'];
    $countErr = 0;
    $allopwedType = ["image/jpg", "image/jpeg", "image/png"];
    header("Location: ../user.php");
    if(!in_array($type, $allopwedType)){
        $countErr++;
        $errors++;
        $_SESSION['profileTypeError'] = "Allowed types are jpg, jpeg or png";
    if($countErr == 0){
        $newName = time()."_".$name;
        $src = "../img/".$newName;
        $alt = time()."-user".$_SESSION['user']->user_id."_profilepicture";
```

3.1.23 models/post-comment.php

```
session_start();
header('Content-Type: application/json');
$errors = [];
if(isset($_POST['btn'])){
    include "../connection/database.php";
    include "functions.php";
    try{
        $comment = $_POST['comment'];
        $idUser = $ POST['idUser'];
        $idNew = $_POST['idNew'];
        if(trim($comment) != ""){
            if(isset($_POST['idComment'])){
                $idComment = $_POST['idComment'];
                $postComment = postComment($comment, $idUser, $idNew,
$idComment);
            else{
                $postComment = postComment($comment, $idUser, $idNew, null);
            if($postComment){
                echo json_encode("You seccessfuly posted a comment");
                http response code(201);
```

3.1.24 models/post-survey.php

```
session_start();
header('Content-Type: application/json');
$errors = [];
if(isset($_POST['btn'])){
    include "../connection/database.php";
    include "functions.php";
    try{
        $cat = $_POST['cat'];
        $gender = $_POST['gender'];
        if($cat == 0){
            $errors['category'] = "Please select category";
        if($gender == ""){
            $errors['gender'] = "Please select gender";
        if(count($errors) == 0){
            changeStatus($_SESSION['user']->user_id, 1, "survey");
            if(postSurvey($cat, $gender)){
                echo json_encode("Thank you");
                http_response_code(201);
            }
        else echo json_encode($errors);
    catch(PDOException $exception){
       http response code(500);
```

```
}
}
else{
  http_response_code(404);
}
```

3.1.25 models/registration.php

```
session start();
header('Content-Type: application/json');
$errors = [];
if(isset($_POST['btn'])){
    include "../connection/database.php";
    include "functions.php";
    try{
        $name = $_POST['name'];
        $lastName = $_POST['lastName'];
        $email = $_POST['email'];
        $password = $_POST['password'];
        if(checkErrors("/^[A-Z][a-z]{2,15}$/", $name)){
            $errors["name"] = "Plese enter your name ex. David";
        if(checkErrors("/^[A-Z][a-z]{2,15}(\s([A-Z][a-z]{2,15})){0,3}$/",
$lastName)){
            $errors["lastName"] = "Plese enter your last name name ex. James";
        if(!filter_var($email, FILTER_VALIDATE_EMAIL)){
            $errors["email"] = "Please enter your email ex. email@gmail.com";
        else{
            $exist = checkEmail($email);
            if($exist){
                $errors["email"] = "This email is already in use, please enter
another email ";
        if(checkErrors("/^(?=.*[A-Za-z])(?=.*\d)[A-Za-z\d\s]{6,}$/",
$password)){
            $errors["password"] = "Password length has to be at least 6, and
it has to have at least one number and no special characters";
        if(count($errors) == 0){
```

```
$registerUser = registration($name, $lastName, $email,
md5($password));
    if($registerUser){
        $user = login($email, md5($password));
        if($user){
            $_SESSION['user'] = $user;
            echo json_encode("Welcome ".$user->name);
            http_response_code(201);
        }
    }
    else echo json_encode($errors);
}
catch(PDOException $exception){
    http_response_code(500);
    }
}
else{
    header("HTTP/1.0 404 Not Found");
}
```

3.1.26 models/registration2.php

zbog politike hosta registracija putem mejla nije bila moguća kada je sajt hostovan.

```
session_start();
header('Content-Type: application/json');
$errors = [];
if(isset($_POST['btn'])){
    include "../connection/database.php";
    include "functions.php";
    try{
        $name = $_POST['name'];
        $lastName = $_POST['lastName'];
        $email = $_POST['email'];
        $password = $_POST['password'];
        if(checkErrors("/^[A-Z][a-z]{2,15}$/", $name)){
            $errors["name"] = "Plese enter your name ex. David";
        if(checkErrors("/^[A-Z][a-z]{2,15}(\s([A-Z][a-z]{2,15})){0,3}$/",
$lastName)){
            $errors["lastName"] = "Plese enter your last name name ex. James";
```

```
if(!filter_var($email, FILTER_VALIDATE_EMAIL)){
            $errors["email"] = "Please enter your email ex. email@gmail.com";
        }
        else{
            $exist = checkEmail($email);
            if($exist){
                $errors["email"] = "This email is already in use, please enter
another email ";
        if(checkErrors("/^(?=.*[A-Za-z])(?=.*\d)[A-Za-z\d\s]{6,}$/",
$password)){
            $errors["password"] = "Password length has to be at least 6, and
it has to have at least one number and no special characters";
        if(count($errors) == 0){
            $registerUser = registration($name, $lastName, $email,
md5($password));
            if($registerUser){
                $link =
"http://localhost/biznews/login.php?userRegister=".$conn-
>lastInsertId()."&unique=".time();
                $to = $email;
                $subject = 'Activate your account';
                $message = "Here is acc code <a href='$link'>Link</a>";
                n1 = "\r\n";
                $headers = 'MIME-Version: 1.0'.$nl;
                $headers .= 'Content-type: text/html; charset=iso-8859-1'.$nl;
                $headers .= "To: $name $lastName <$email>".$nl;
                $headers .= 'From: Admin <admin@fahmidasclassroom.com>'.$nl;
                //Send email
                if(mail($to, $subject, $message, $headers)){
                    if($registerUser){
                        echo json encode("We sent you activational link on
your emal.");
                        http_response_code(201);
                    }
                else{
                    $errors["email"] = "Email not sent please check your email
and try again";
                    echo json_encode($errors);
        else echo json_encode($errors);
    catch(PDOException $exception){
```

```
http_response_code(500);
}

else{
   http_response_code(404);
}
```

3.1.27 models/sign-out.php

```
    session_start();
    if(isset($_GET['id'])){
        if(isset($_SESSION['user']));
            unset($_SESSION['user']);
            header("Location: ../index.php");
        }
    }
    else{
        header("HTTP/1.0 404 Not Found");
    }
}
```

3.1.28 models/functions.php

```
<!php
//header("HTTP/1.0 404 Not Found");

function checkErrors($reg, $var){
    $error = false;
    if(!preg_match($reg, $var)){
        $error = true;
    }
    return $error;
}

function selectAll($table){
    global $conn;
    $query = "SELECT * FROM $table";
    $result = $conn->query($query)->fetchAll();
    return $result;
}

function selectHeadlines(){
```

```
global $conn;
    $query = "SELECT * FROM img i INNER JOIN news n ON i.img_id=n.img_id INNER
JOIN category c ON n.category_id=c.category_id ORDER BY n.date DESC LIMIT 11";
    $result = $conn->query($query)->fetchAll();
    return $result;
function trendingNews(){
    global $conn;
    $query = "SELECT n.news id, n.title, n.content, n.date, n.img id,
n.category_id, ca.name FROM comments c INNER JOIN news n on
c.news_id=n.news_id INNER JOIN category ca on n.category_id=ca.category_id
GROUP BY n.news id, n.title, n.content, n.date, n.img id, n.category id,
ca.name ORDER BY COUNT(c.comm_id) DESC LIMIT 3";
    $result = $conn->query($query)->fetchAll();
    return $result;
function singleNew($id){
    global $conn;
    $query = "SELECT * FROM img i INNER JOIN news n ON i.img id=n.img id INNER
JOIN category c ON n.category_id=c.category_id WHERE n.news_id = :id";
    $prepare = $conn->prepare($query);
    $prepare->bindParam(':id', $id);
    $prepare->execute();
    $result = $prepare->fetch();
    return $result;
function registration($name, $lastName, $email, $password){
    global $conn;
    $query = "INSERT INTO users(name, last_name, email, password) VALUES
(:name, :lastName, :email, :password)";
    $prepare = $conn->prepare($query);
    $prepare->bindParam(':name', $name);
    $prepare->bindParam(':lastName', $lastName);
    $prepare->bindParam(':email', $email);
    $prepare->bindParam(':password', $password);
    $result = $prepare->execute();
    return $result;
function login($email, $password){
    global $conn;
    $query = "SELECT * FROM roles r INNER JOIN users u ON r.role id =
u.role id INNER JOIN profile img p on u.profile img id = p.profile img id
WHERE u.email = :email AND u.password = :password AND u.active = 0";
    $prepare = $conn->prepare($query);
```

```
$prepare->bindParam(':email', $email);
    $prepare->bindParam(':password', $password);
    $prepare->execute();
    $result = $prepare->fetch();
    return $result;
function checkEmail($email){
    global $conn;
    $query = "SELECT email FROM users WHERE email = :email";
    $prepare = $conn->prepare($query);
    $prepare->bindParam(':email', $email);
    $prepare->execute();
    $result = $prepare->fetch();
    return $result;
function checkPassword($email, $password){
    global $conn;
    $query = "SELECT password FROM users WHERE email = :email AND password =
:password";
    $prepare = $conn->prepare($query);
    $prepare->bindParam(':password', $password);
    $prepare->bindParam(':email', $email);
    $prepare->execute();
    $result = $prepare->fetch();
    return $result;
function checkActive($email, $password){
    global $conn;
    $query = "SELECT active FROM users WHERE email = :email AND password =
:password";
    $prepare = $conn->prepare($query);
    $prepare->bindParam(':password', $password);
    $prepare->bindParam(':email', $email);
    $prepare->execute();
    $result = $prepare->fetch();
    return $result;
function profile($id){
    global $conn;
    $query = "SELECT * FROM profile_img WHERE user_id = :id";
    $prepare = $conn->prepare($query);
```

```
$prepare->bindParam(':id', $id);
    $prepare->execute();
    $result = $prepare->fetch();
    return $result;
function addProfilePicture($alt, $src){
    global $conn;
    $query = "INSERT INTO profile img(alt, src) VALUES(:alt, :src)";
    $prepare = $conn->prepare($query);
    $prepare->bindParam(':alt', $alt);
    $prepare->bindParam(':src', $src);
    $result = $prepare->execute();
    return $result;
function updateData($id, $column, $value){
    global $conn;
    $query = "UPDATE users SET $column = :value WHERE user_id = :id";
    $prepare = $conn->prepare($query);
    $prepare->bindParam(':id', $id);
    $prepare->bindParam(':value', $value);
    $result = $prepare->execute();
    return $result;
function getComments($id){
    global $conn;
    $query = "SELECT * FROM comments c INNER JOIN users u ON c.user id =
u.user id INNER JOIN profile img p ON u.profile img id = p.profile img id
wHERE c.news_id = :id AND c.reply IS NULL ORDER BY c.comment_date DESC";
    $prepare = $conn->prepare($query);
    $prepare->bindParam(':id', $id);
    $prepare->execute();
    $result = $prepare->fetchAll();
    return $result;
function postComment($comment, $user, $new, $idComment){
    global $conn;
    $query = "INSERT INTO comments(content, user id, news id, reply)
VALUES(:comment, :user, :new, :idComment)";
    $prepare = $conn->prepare($query);
    $prepare->bindParam(':comment', $comment);
```

```
$prepare->bindParam(':user', $user);
    $prepare->bindParam(':new', $new);
    $prepare->bindParam(':idComment', $idComment);
    $result = $prepare->execute();
    return $result;
function getRepyComments($reply){
    global $conn;
    $query = "SELECT * FROM comments c INNER JOIN users u ON c.user id =
u.user_id INNER JOIN profile_img p ON u.profile_img_id = p.profile_img_id
wHERE c.reply = :reply ORDER BY c.comment_date DESC";
    $prepare = $conn->prepare($query);
    $prepare->bindParam(':reply', $reply);
    $prepare->execute();
    $result = $prepare->fetchAll();
    return $result;
function deleteComment($id, $reply){
    global $conn;
    if($reply){
        $query = "DELETE FROM comments WHERE reply = :id";
    else{
        $query = "DELETE FROM comments WHERE comm_id = :id";
    $prepare = $conn->prepare($query);
    $prepare->bindParam(':id', $id);
    $result = $prepare->execute();
    return $result;
function changeStatus($id, $change, $value){
    global $conn;
    if($value == "role"){
        $query = "UPDATE users SET role id = :change WHERE user id = :id";
    else if($value == "active"){
        $query = "UPDATE users SET active = :change WHERE user_id = :id";
    }
    else{
        $query = "UPDATE users SET survey = :change WHERE user id = :id";
    $prepare = $conn->prepare($query);
    $prepare->bindParam(':id', $id);
```

```
$prepare->bindParam(':change', $change);
    $result = $prepare->execute();
    return $result;
function addNew($title, $content, $category_id, $img_id){
    global $conn;
    $query = "INSERT INTO news(title, content, category_id, img_id) VALUES
(:title, :content, :category id, :img id)";
    $prepare = $conn->prepare($query);
    $prepare->bindParam(':title', $title);
    $prepare->bindParam(':content', $content);
    $prepare->bindParam(':category_id', $category_id);
    $prepare->bindParam(':img_id', $img_id);
    $result = $prepare->execute();
    return $result;
function addImg($src, $alt){
    global $conn;
    $query = "INSERT INTO img(src, alt) VALUES(:src, :alt)";
    $prepare = $conn->prepare($query);
    $prepare->bindParam(':src', $src);
    $prepare->bindParam(':alt', $alt);
    $result = $prepare->execute();
    return $result;
function deleteFunction($table, $name, $id){
    global $conn;
    $query = "DELETE FROM $table WHERE $name = :id";
    $prepare = $conn->prepare($query);
    $prepare->bindParam(':id', $id);
    $result = $prepare->execute();
    return $result;
function sendMessage($name, $email, $message){
    global $conn;
    $query = "INSERT INTO messages(name, email, message) VALUES(:name, :email,
:message)";
    $prepare = $conn->prepare($query);
    $prepare->bindParam(':name', $name);
    $prepare->bindParam(':email', $email);
    $prepare->bindParam(':message', $message);
```

```
$result = $prepare->execute();
            return $result;
function allNews($limit, $offset, $filter, $sort){
            global $conn;
            $criteria = "";
            if($filter != null){
                        $criteria = "WHERE c.category_id = :cat ";
            if($sort != null){
                        if($sort == 1){
                                    $criteria.="ORDER BY n.date DESC ";
                        else{
                                    $criteria.="ORDER BY n.date ASC ";
            \frac{1}{1} = \frac{1}{1} | $\frac{1}{1} | $\frac{1}{1}$ | $\fra
            $query = "SELECT * FROM img i INNER JOIN news n ON i.img_id=n.img_id INNER
 JOIN category c ON n.category_id=c.category_id ".$criteria."LIMIT :limit, 4";
            $prepare = $conn->prepare($query);
            $prepare->bindParam(":limit", $lim, PDO::PARAM_INT);
            if($filter != null){
                        $prepare->bindParam(":cat", $filter);
            $prepare->execute();
            $result = $prepare->fetchAll();
            return $result;
function countNews($id){
            global $conn;
            $query = "SELECT * FROM news n INNER JOIN category c ON
n.category_id=c.category_id WHERE c.category_id = :id";
            $prepare = $conn->prepare($query);
            $prepare->bindParam(":id", $id);
            $prepare->execute();
            $result = $prepare->fetchAll();
            return $result;
function getActUser($id){
            global $conn;
```

```
$query = "SELECT user_id, date, active FROM users WHERE user_id = :id";
    $prepare = $conn->prepare($query);
    $prepare->bindParam(":id", $id);
    $prepare->execute();
    $result = $prepare->fetch();
    return $result;
function postSurvey($cat, $gender){
    global $conn;
    $query = "INSERT INTO survey(gender_id, category_id) VALUES(:gender,
:cat)";
    $prepare = $conn->prepare($query);
    $prepare->bindParam(':gender', $gender);
    $prepare->bindParam(':cat', $cat);
    $result = $prepare->execute();
    return $result;
function categoryResult($table1, $al1, $table2, $al2, $join,$id){
    global $conn;
    $query = "SELECT * FROM $table1 $al1 INNER JOIN $table2 s ON $al1.$join =
$al2.$join WHERE $al1.$join = :id";
    $prepare = $conn->prepare($query);
    $prepare->bindParam(":id", $id);
    $prepare->execute();
    $result = $prepare->fetchAll();
    return $result;
```

3.2 CSS

3.2.1 css/style2.css

```
.nemanja img{
    width: 110px;
```

```
height: 110px;
    object-fit: cover;
    background-color: transparent;
#user-settings{
    border-radius: 50%;
    width: 200px;
    height: 200px;
    overflow: hidden;
#mini-picture{
    border-radius: 50%;
    width: 70px;
    height: 70px;
    overflow: hidden;
#dropdownMenuButton:hover{
    cursor: pointer;
#ptp:hover{
    cursor: pointer;
.nc-delete, .nc-delete-message{
   top: 0px;
    right: 0px;
```

3.3 JavaScript

3.3.1 js/main2.js

```
Let errors = [];
Let idComm = "";
function ajaxCallback(page, data, result){
    $.ajax({
        url: `${page}.php`,
        method: "post",
        dataType: "json",
        data: data,
        success: result,
        error: (xhr, exception) =>{
            var errorMessage = '';
            if (xhr.status === 0){
```

```
errorMessage = 'You are not connected, please check your
internet connection';
            else if(xhr.status == 404){
                errorMessage = 'Error 404 page not found.';
            else if(xhr.status == 500){
                errorMessage = 'Error 500 internal server error';
            else if(exception === 'parsererror'){
                errorMessage = 'JSON parse failed';
            else if(exception === 'timeout'){
                errorMessage = 'Time out error.';
            else if(exception === 'abort'){
                errorMessage = 'Ajax request aborted.';
            }
            else{
                errorMessage = 'Uncaught Error.\n' + xhr.responseText;
            alert(errorMessage);
        }
    })
function shw(val){
    console.log(val);
$(document).ready(function(){
    $('body').on('click','.replyComment',function(){
        $('#leave-reply').text("Reply");
        $('#comment').focus();
        idComm = $(this).parent().parent().find('input[type=hidden]').val();
    });
    $('body').on('click','.nc-delete',function(){
        let send = {
            id: $(this).parent().find('input[type=hidden]').val(),
            btn: true
        ajaxCallback("models/delete-comment", send, result=>{
    });
    $('body').on('change','.status',function(){
        let send = {
            id: $(this).parent().parent().find('input[type=hidden]').val(),
            dataValue: $("option:selected", this).val(),
            column: $(this).data('type'),
            btn: true
```

```
ajaxCallback("models/admin", send, result=>{
        });
    });
    let url = window.location.pathname;
    if(url == "/biznews/index.php" || url == "/"){
        $("nav a[href='index.php']").addClass("active");
    else if(url == "/biznews/category.php"){
        $("nav a[href='category.php']").addClass("active");
    else if(url == "/biznews/login.php"){
        $("#login").click(function(){
            formCheck((\#email").val(), /^[w-\.]+@([w-]+\.)+[w-]{2,4}$/,
"email", "Please enter your email ex. email@gmail.com");
            formCheck($("#password").val(), /^(?=.*[A-Za-z])(?=.*\d)[A-Za-
z\d\s]{6,}$/, "password", "Password length has to be at least 6, and it has to
have at least one number and no special characters");
            if(errors.length == 0){
                let send = {
                    email: $("#email").val(),
                   password: $("#password").val(),
                    btnl: true
                ajaxCallback("models/login", send, result=>{
                    serverCheck(result.email , "email");
                    serverCheck(result.passLog , "password");
                    if(typeof(result) == "string"){
                       $('#login').after(`
3'>${result}`);
                       setTimeout(function(){
                           window.location.replace("index.php");
                       }, 1000);
               });
            }
       });
    else if(url == "/biznews/registration.php"){
        $("#register").click(function(){
            formCheck($("#name").val(), /^[A-Z][a-z]{2,15}$/, "name", "Please
enter your name ex. David");
            formCheck($("#lastName").val(), /^[A-Z][a-z]{2,15}(\s([A-Z][a-
z]{2,15})){0,3}$/, "lastName", "Please enter your last name ex. James");
            formCheck($("#email").val(), /^[\w-\.]+@([\w-]+\.)+[\w-]{2,4}$/,
"email", "Please enter your email ex. email@gmail.com");
            formCheck($("#password").val(), /^(?=.*[A-Za-z])(?=.*\d)[A-Za-
z\d\s]{6,}$/, "password", "Password length has to be at least 6, and it has to
have at least one number and no special characters");
```

```
formCheck(\$("#conf-password").val(), /^(?=.*[A-Za-z])(?=.*\d)[A-Za-z])
Za-z\d\s]{6,}$/, "conf-password", "Password do not match");
            if(errors.length == 0){
                $(this).after("Please wait a second")
                let send = {
                    name: $("#name").val(),
                    lastName: $("#lastName").val(),
                    email: $("#email").val(),
                    password: $("#password").val(),
                    btn: true
                ajaxCallback("models/registration", send, result=>{
                    serverCheck(result.name ,"name");
                    serverCheck(result.lastName ,"lastName");
                    serverCheck(result.email , "email");
                    serverCheck(result.password ,"password");
                    formCheck($("#conf-password").val(), /^(?=.*[A-Za-
z])(?=.*\d)[A-Za-z\d\s]{6,}$/, "conf-password");
                    if(typeof(result) == "string" && formCheck($("#conf-
password").val(), /^(?=.*[A-Za-z])(?=.*\d)[A-Za-z\d\s]{6,}$/, "conf-
password")){
                        $('#model').append(`<div class="modal fade"</pre>
id="successful-registration" tabindex="-1" role="dialog" aria-
labelledby="exampleModalLabel" aria-hidden="true">
                         <div class="modal-dialog" role="document">
                          <div class="modal-content">
                             <div class="modal-header">
                               <h5 class="modal-title"
id="exampleModalLabel">${result}</h5>
                            </div>
                            <div class="modal-body">
                                You have successefuly logged in, thank you for
joining
                            </div>
                            <div class="modal-footer">
                               <a href="index.php" class="btn btn-primary">Ok
let's go</a>
                            </div>
                          </div>
                        </div>
                      </div>`);
                      $('#successful-registration').modal('show');
                });
        });
    else if(url == "/biznews/single.php"){
        setInterval(function(){
```

```
$("#reloadDiv").load(location.href + " #rld");
        }, 1000);
        $('#postComment').click(commFunction);
        $('#deleteNew').click(function(){
            let send = {
                id: $('#idNew').val(),
                img: $(this).data('img'),
                src: $(this).data('src'),
                btn: true
            ajaxCallback("models/delete-new", send, result=>{
                console.log(result);
                if(result != ""){
                    console.log("usao");
                    $('#single-modal').append(`<div class="modal fade"</pre>
id="delete-modal" tabindex="-1" role="dialog" aria-
labelledby="exampleModalLabel" aria-hidden="true">
                    <div class="modal-dialog" role="document">
                      <div class="modal-content">
                        <div class="modal-header">
                          <h5 class="modal-title"
id="exampleModalLabel">${result}</h5>
                        </div>
                        <div class="modal-body">
                            You have successefuly deleted new
                        </div>
                        <div class="modal-footer">
                          <a href="index.php" class="btn btn-primary">OK</a>
                        </div>
                      </div>
                    </div>
                  </div>`);
                  $('#delete-modal').modal('show');
            });
        });
    else if(url == "/biznews/contact.php"){
        $('#btnContactMessage').click(function(){
            formCheck(((-x)^{-1})^{-1}).val(), /^{A-Z}[a-z]^{2,15},
"contactName", "Please enter your name ex. David");
            formCheck((\#(\#\contactEmail").val(), /^[\w-\.]+@([\w-]+\.)+[\w-
[2,4]$/, "contactEmail", "Please enter your email ex. email@gmail.com");
            formCheck($("#contactMessage").val(), /^([\w\.\-\s]{10,150})+$/,
"contactMessage", "Message should have at least 10 characters");
            if(errors.length == 0){
                let send = {
                    name: $("#contactName").val(),
                    email: $("#contactEmail").val(),
```

```
message: $("#contactMessage").val(),
                    btn: true
                }
                ajaxCallback("models/messages", send, result=>{
                    serverCheck(result.name , "contactName");
                    serverCheck(result.email , "contactEmail");
                    serverCheck(result.message , "contactMessage");
                    if(typeof(result) == "string"){
                        $('#form-contact').trigger("reset");
                        $('#contactMessage').after(`
success' id='pass'>${result}`);
                });
        });
    else if(url == "/biznews/all-news.php"){
        let allNews = "all-news.php";
        $('#filterBtn').click(function(){
            let cat = $("#filterNews option:selected").val();
            Let sorting = $("#orderNews option:selected").val();
            if(cat != 0){
                allNews += `?filter=1&cat=${cat}`;
                if(sorting != 0){
                    allNews += `&sort=${sorting}`;
            else if(sorting != 0){
                allNews += `?filter=1&sort=${sorting}`;
            location.href = allNews;
        });
    }
});
$('#ptp').one('click', function(){
    $(this).after(`<input type="password" class="form-control" id="password"</pre>
placeholder="Change password" /><input type="password" class="form-control mt-
3" id="conf-password" placeholder="Confirm password" /><input type="button"</pre>
class="btn btn-primary mt-3" value="Change" id="cpassBtn" /><p class="mt-
2">Note: if you change your password you will be logged out`);
    $('#cpassBtn').click(function(){
        formCheck($("#password").val(), /^(?=.*[A-Za-z])(?=.*\d)[A-Za-
z\d\s]{6,}, "password", "Password length has to be at least 6, and it has to
have at least one number and no special characters");
        formCheck($("#conf-password").val(), /^(?=.*[A-Za-z])(?=.*\d)[A-Za-
z\d\s]{6,}$/, "conf-password", "Password do not match");
        if(errors.length == 0){
            let send = {
                id: $('#ptp').data('id'),
```

```
password: $('#password').val(),
               btn: true
           ajaxCallback("models/change-password", send, result=>{
               serverCheck(result.password , "password");
               if(result != ""){
                   $('#cpassBtn').after(`
3'>${result}`);
                   setTimeout(function(){
                       window.location.replace("models/sign-out.php?id=1");
                   }, 1500);
               }
           });
   });
});
$('#surveyBtn').click(function(){
    Let cat = $('#categorySurvey option:selected').val();
    let gender = $('.gender:checked').val();
    formCheck("true", cat == 0 ? "false" : "true", "categorySurvey", "Please
select category");
    formCheck("true", gender == undefined ? "false" : "true", "second",
"Please select gender");
    if(errors.length == 0){
        let send = {
           cat: cat,
           gender: gender,
           btn: true
       }
       ajaxCallback("models/post-survey", send, result=>{
           serverCheck(result.category ,"category");
           serverCheck(result.gender ,"second");
           if(typeof(result) == "string"){
               $('#surveyBtn').after(`
3'>${result}`);
               setTimeout(function(){
                   window.location.replace("index.php");
               }, 1000);
       });
    }
});
$('.nc-delete-message').click(function(){
    if(errors.length == 0){
        let send = {
           id: $(this).data('id'),
           btn: true
       ajaxCallback("models/delete-message", send, result=>{
```

```
if(result == true){
                location.reload();
        });
    }
});
function commFunction(){
    if($('#comment').val().trim() != ""){
                if($(`#message-comment`).is(":visible")){
                    $(`#message-comment`).remove();
                   $('#comment').removeClass("border border-danger");
                let send = {
                    comment: $('#comment').val(),
                    idUser: $('#idUser').val(),
                    idNew: $('#idNew').val(),
                   btn: true
                if(idComm != ""){
                    send.idComment = idComm;
                    idComm = "";
                ajaxCallback("models/post-comment", send, result=>{
                    if(result.comment == undefined){
                       $('#leave-reply').text("Leave a comment");
                       $('#comment').val("");
                       $('#comment').after(`
id='comment-message'>${result}`);
                       setTimeout(function(){
                           $("#comment-message").remove();
                        }, 2000);
                   }
                   else{
                        serverCheck(result.comment ,"comment");
                });
           else{
                $('#comment').addClass("border border-danger").after("
class='text-danger' id='message-comment'>Please enter comment");
            }
function serverCheck(data, id){
    if(data != undefined){
        if(id == "email"){
           $(`#message-${id}`).remove();
        if(id == "password"){
           $(`#message-${id}`).remove();
```

```
if($(`#message-${id}`).is(":visible")) return;
       $(`#${id}`).addClass('border border-danger').after(`
block text-danger mb-0' id='message-${id}'>${data}`);
   }
   else{
       formCheck("true", "true", id, "m");
function formCheck(val, reg, id, message){
   if(val.match(reg)){
       if(id == "conf-password"){
           if($('#password').val() != val){
               if($(`#message-conf-password`).is(":visible")) return;
              $('#conf-password').addClass('border border-danger').after(`<p</pre>
class='text-danger mb-0' id='message-conf-password'>${message}`);
               errors.push(id);
           }
       $(`#message-${id}`).fadeOut();
       $(`#${id}`).removeClass("border border-danger");
       if(errors.indexOf(id) > -1) errors.splice(errors.indexOf(id), 1);
       return true;
   else if(id == "conf-password") {
       if($(`#message-${id}`).is(":visible")) return;
       $(`#${id}`).after(`
${id}'>${message}`).addClass('border border-danger');
       errors.push(id);
   }
   else{
       $('#pass').fadeOut();
       errors.push(id);
       if($(`#message-${id}`).is(":visible")) return;
       $(`#${id}`).after(`
${id}'<mark>>${</mark>message}`);
       if(id == "second") return;
       $(`#${id}`).addClass("border border-danger");
   }
```