Visoka škola za informacione i komunikacione tehnologije

Praktikum iz Web programiranja PHP

Sajt:

Speakers

http://praktikumphpspeakers.epizy.com/speakers/

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Internet tehnologije

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Korišćene tehnologije:

Korišćeni jezici: HTML 5, CSS 3, JavaSrcipt, PHP

Ostalo: jQuery, PhpWord, PhpSpreadsheets, Regular Expressions, JSON, AJAX, Bootstrap, Visual Studio Code, PHP rad sa slikama i .txt fajlovima, phpMyAdmin, MySQL

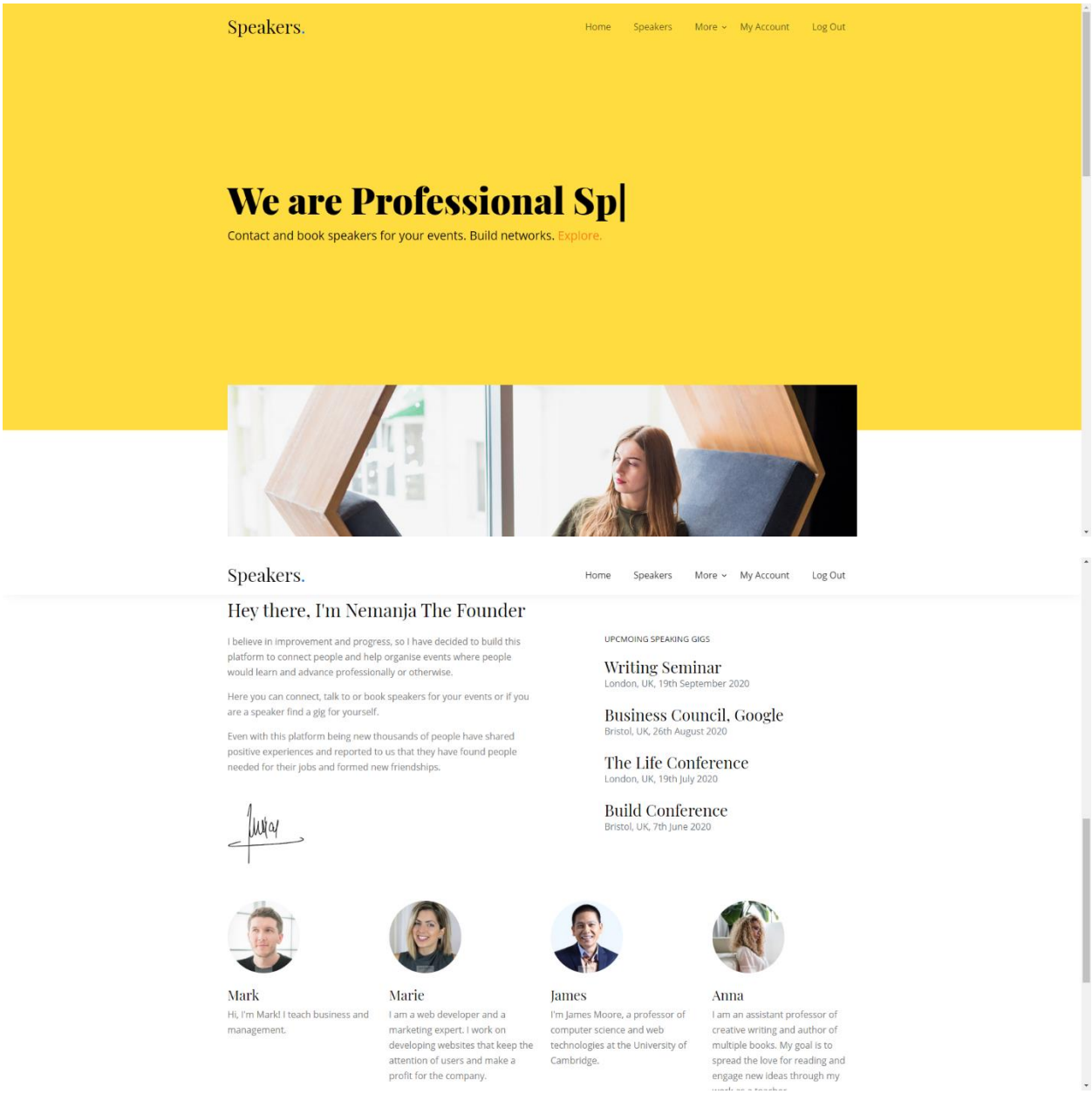
Opis sajta:

Celokupan sadržaj sajta pretstavlja simulaciju aplikacije na kojoj se pronalaze govornici za određeni događaj ili se osoba registruje kao govornik ili stručnjak u nekoj oblasti kojeg kasnije mogu pronaći potencijalni poslodavci ili osobe iz iste struke radi saradnje.

Za izradu dizajna sajta korišćen je Template.

Stranice sajta sa opisom funkcionalnosti:

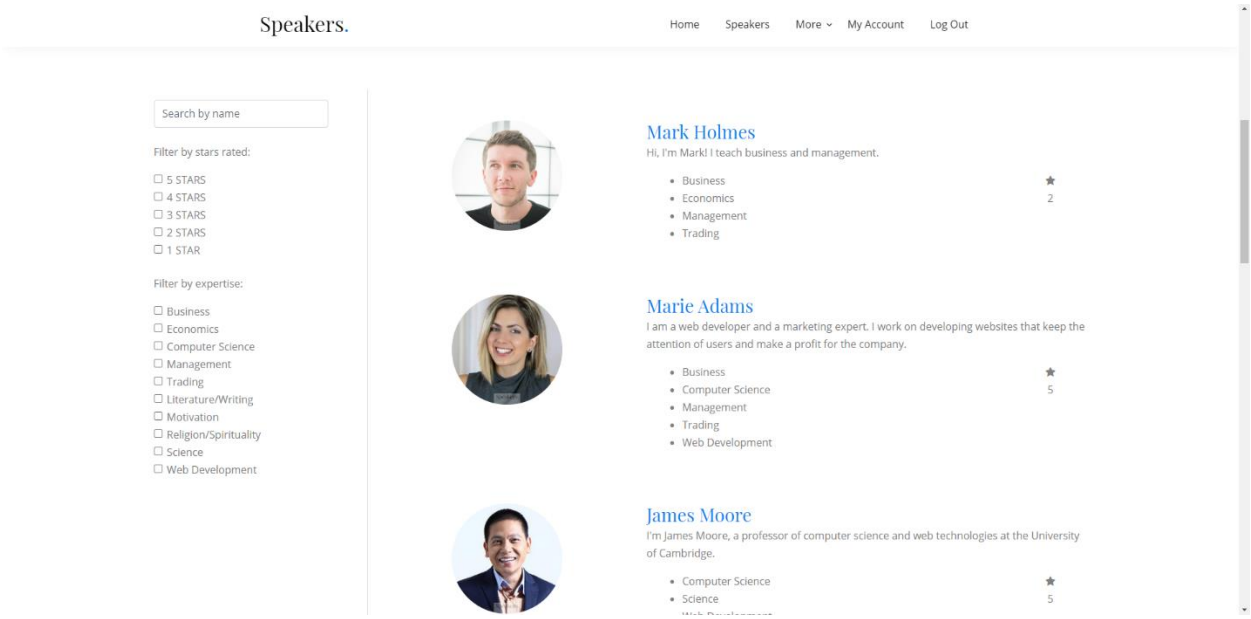
index.php (home page):



Sve strane sajta sadrže navigacioni meni čiji podatci dolaze iz baze podataka kao i footer.

Ovo je početna stranica koja prikazuje tri velike slike u slajderu, dolazeće događaje i 4 korisnika koji su se poslednji registrovali. Celokupni sadržaj se dohvata iz baze podataka i dinamički je ispisan.

Speakers page:

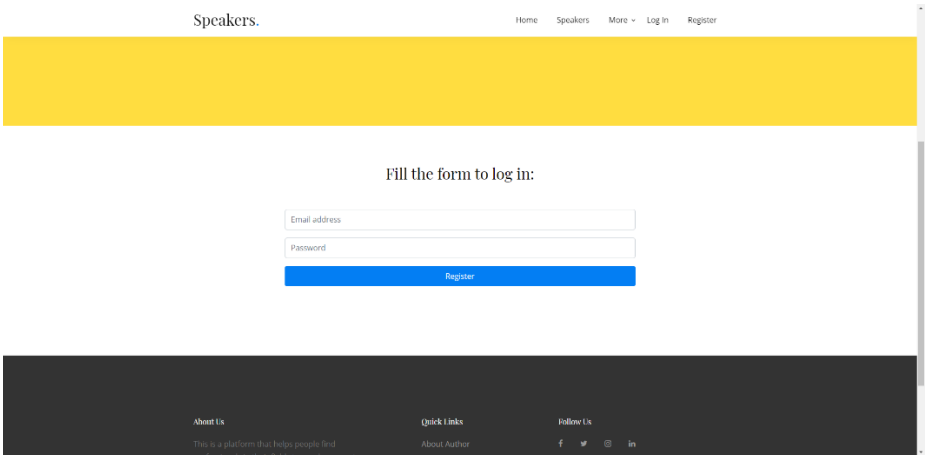


Na ovoj stranici se nalaze prikazani svi korisnici registrovani kao govornici. Prikaz je na osnovu podataka iz baze i za svakog korisnika se prikazuju ime, prezime, kratak opis osobe i prosečna ocena koju ima taj korisnik.

Sa leve strane se nalazi panel gde korisnik može da filtrira i pretražuje registrovane govornike po parametrima koje izabere. Pretraga se vrši na serverskoj strani.

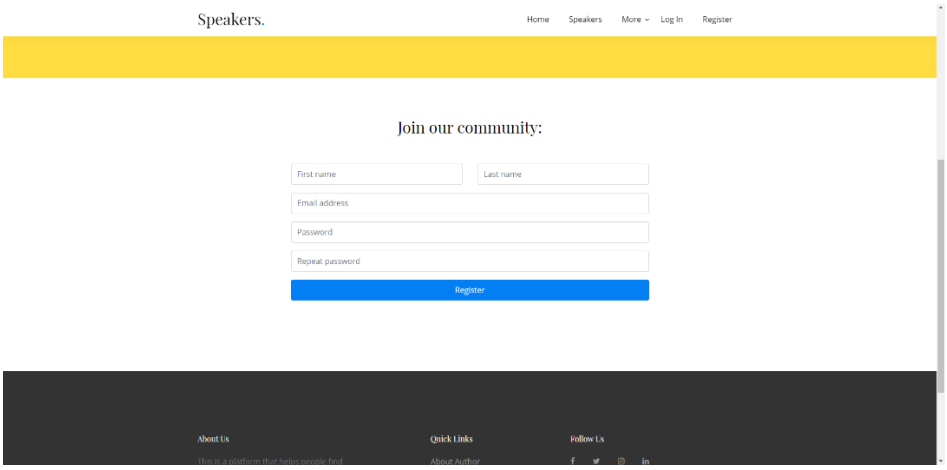
Klikom na ime ili sliku otvara se stranica sa detaljnijim podatcima izabranog korisnika.

Log in page:



Na ovoj stranici se već registrovani korisnici mogu ulogovati na sajt (koristi se rad sa sesijama u php-u).

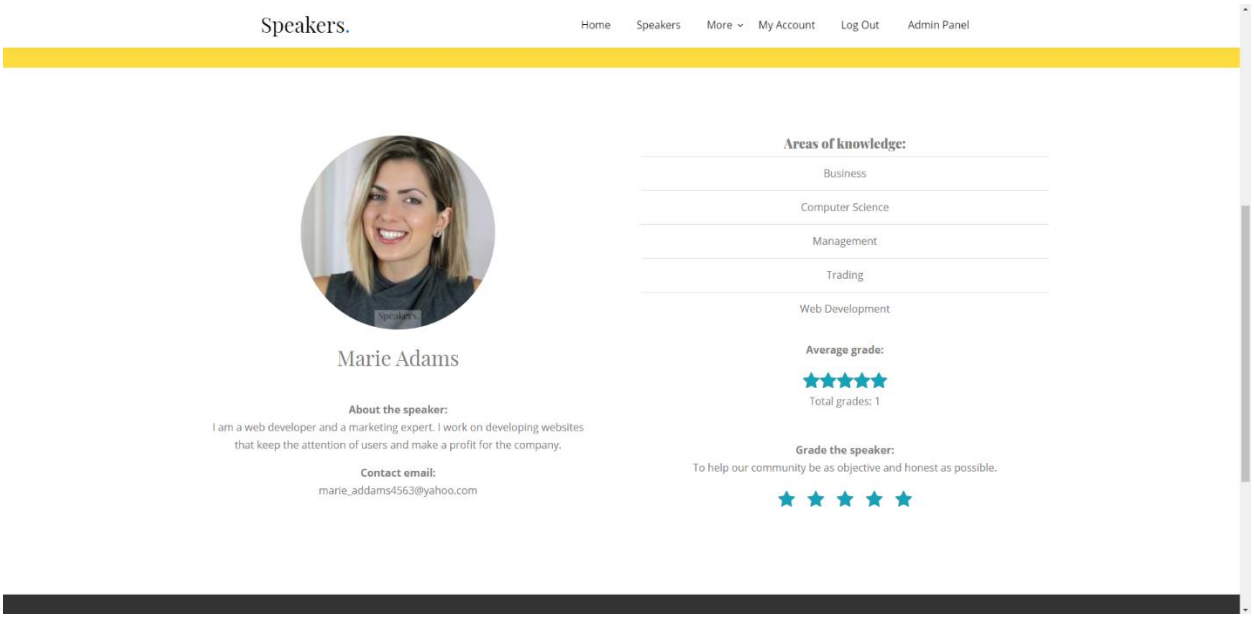
Register page:



Ovde se korisnik može registrovati. Provere podataka u formi se vrše prvo JS-om, a potom kroz PHP na serverskoj strani i sve greške se prikazuju korisniku ispod forme.

Nakon uspešne registracije korisniku se šalje email sa linkom za aktivaciju naloga koji inače ne bi ima pristup stranicama registrovanog korisnika dok se ne aktivira.

Speaker page:

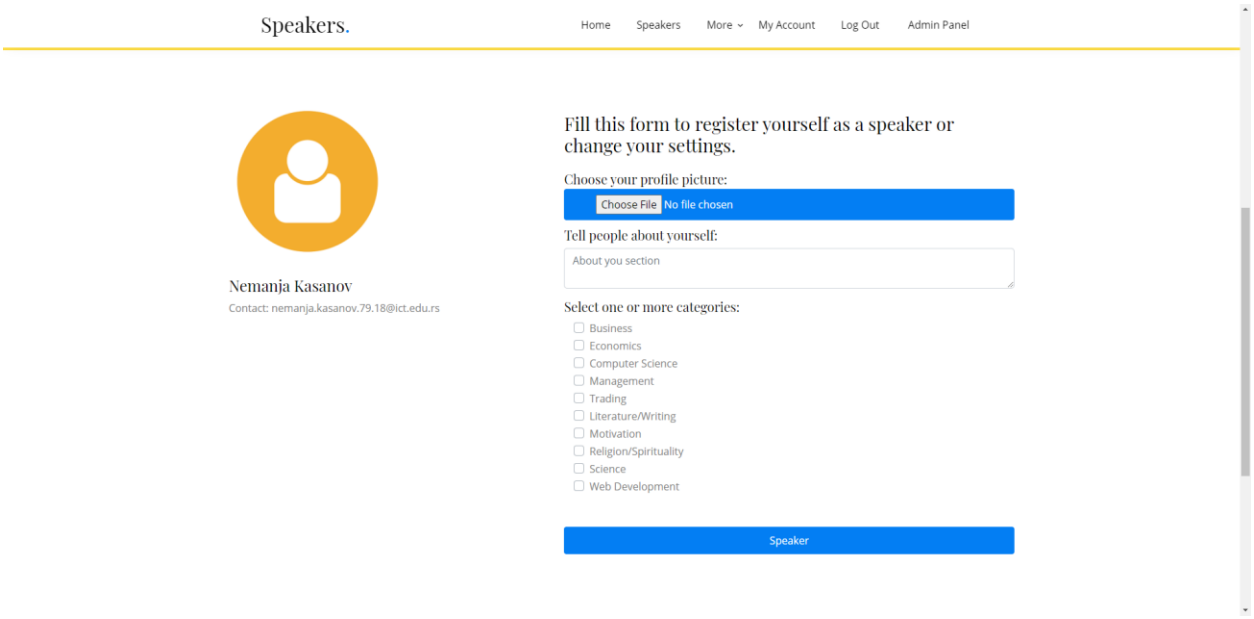


Stranica Speaker prikazuje detaljne podatke o svakom registrovanom govorniku.

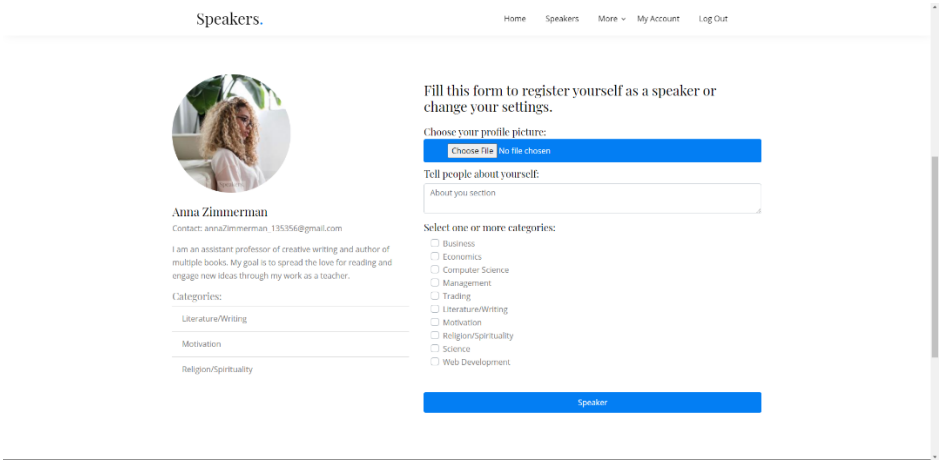
Sadrži sliku, ime, prezime, opis, kontakt emil adresu, oblasti znanja, prosečnu ocenu i Koliko puta je korisnik ukupno ocenjen.

Ako stranici pristupa ulogovan korisnik ima mogućnost da oceni govornika.

My Account page:

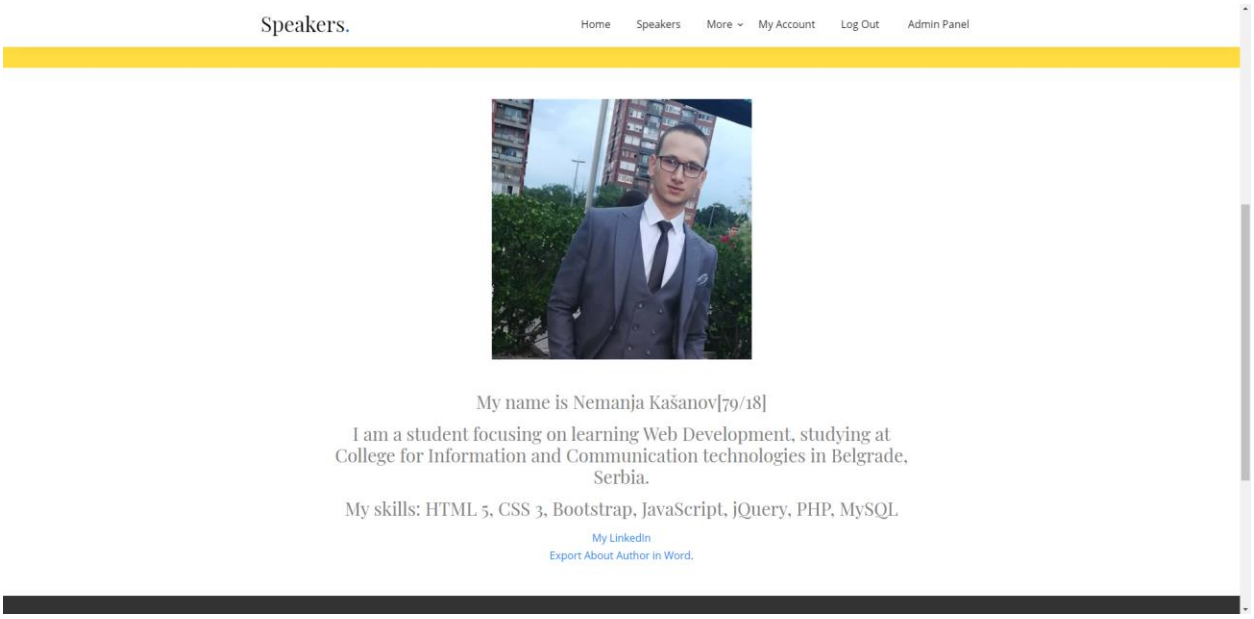


Ovoj stranici ima pristup svaki ulogovani korisnik i popunjavanjem forme dodaje podatke svom nalogu ili ih ažurira. Podatci su prikazani sa leve strane.



Popunjavanjem podataka oni se upisuju u bazu podataka i slika se preuveliča da odgovara formatu za prikaz na sajtu i dodaje joj se žig na dno.

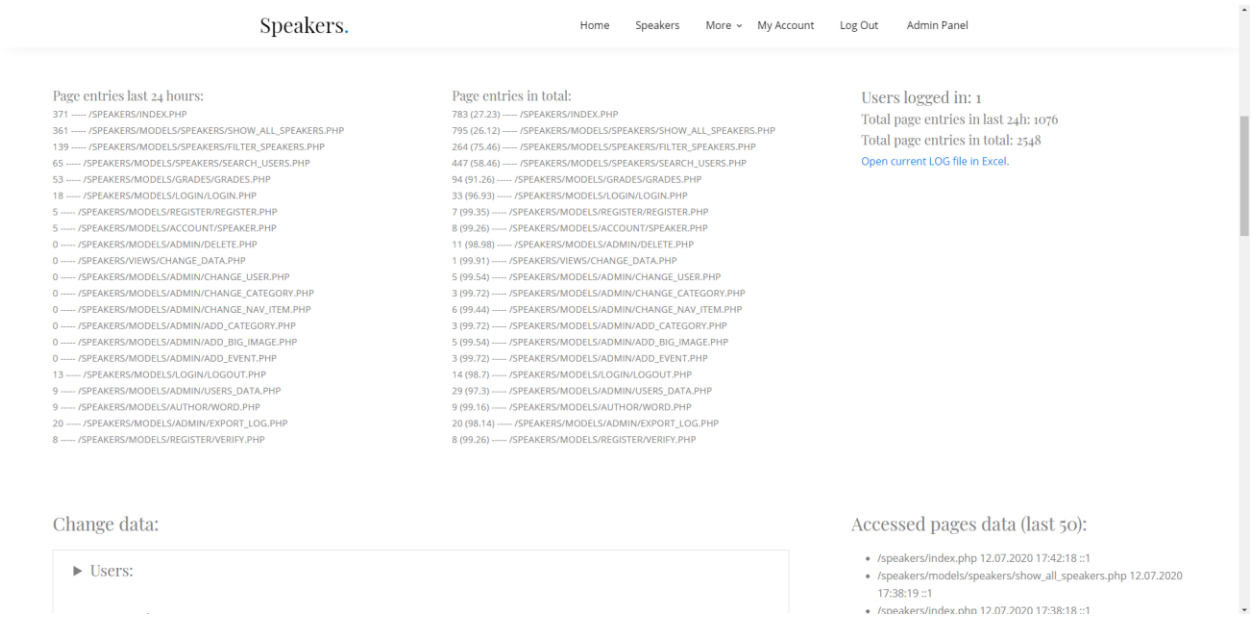
About Author page:



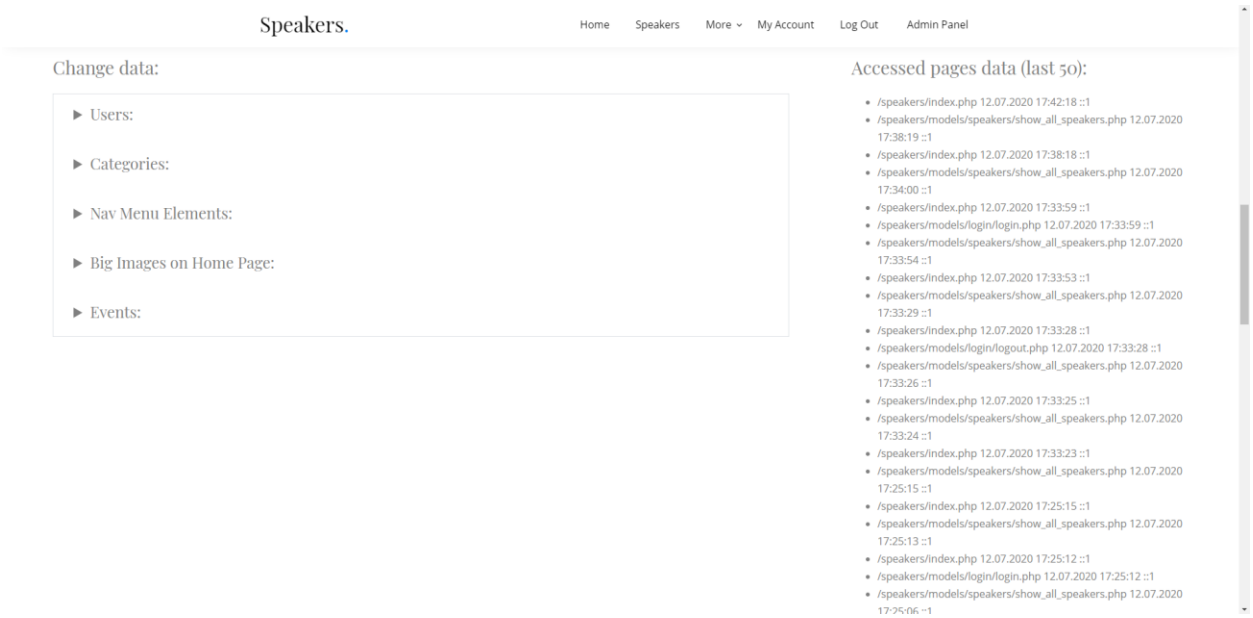
Ova stranica sadrži informacije o autoru i link kojim se te informacije mogu preuzeti u vidu Word dokumenta.

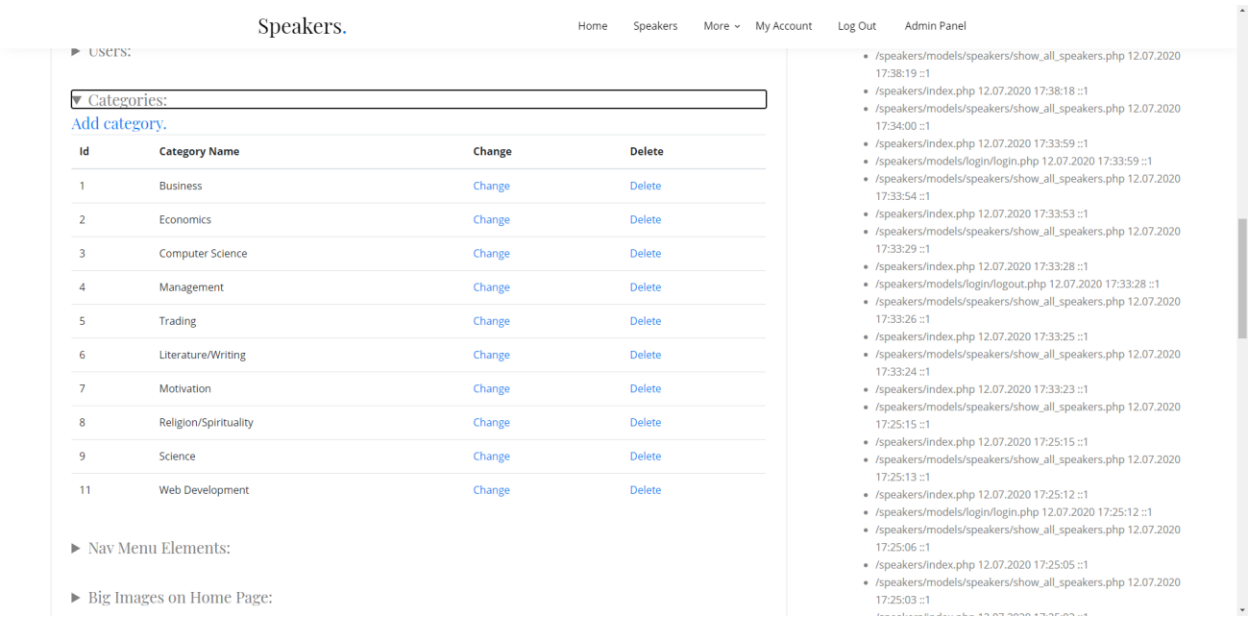
Admin panel page:

Admin panel je stranica namenjena samo za ulogovane korisnike koji imaju status administratora.



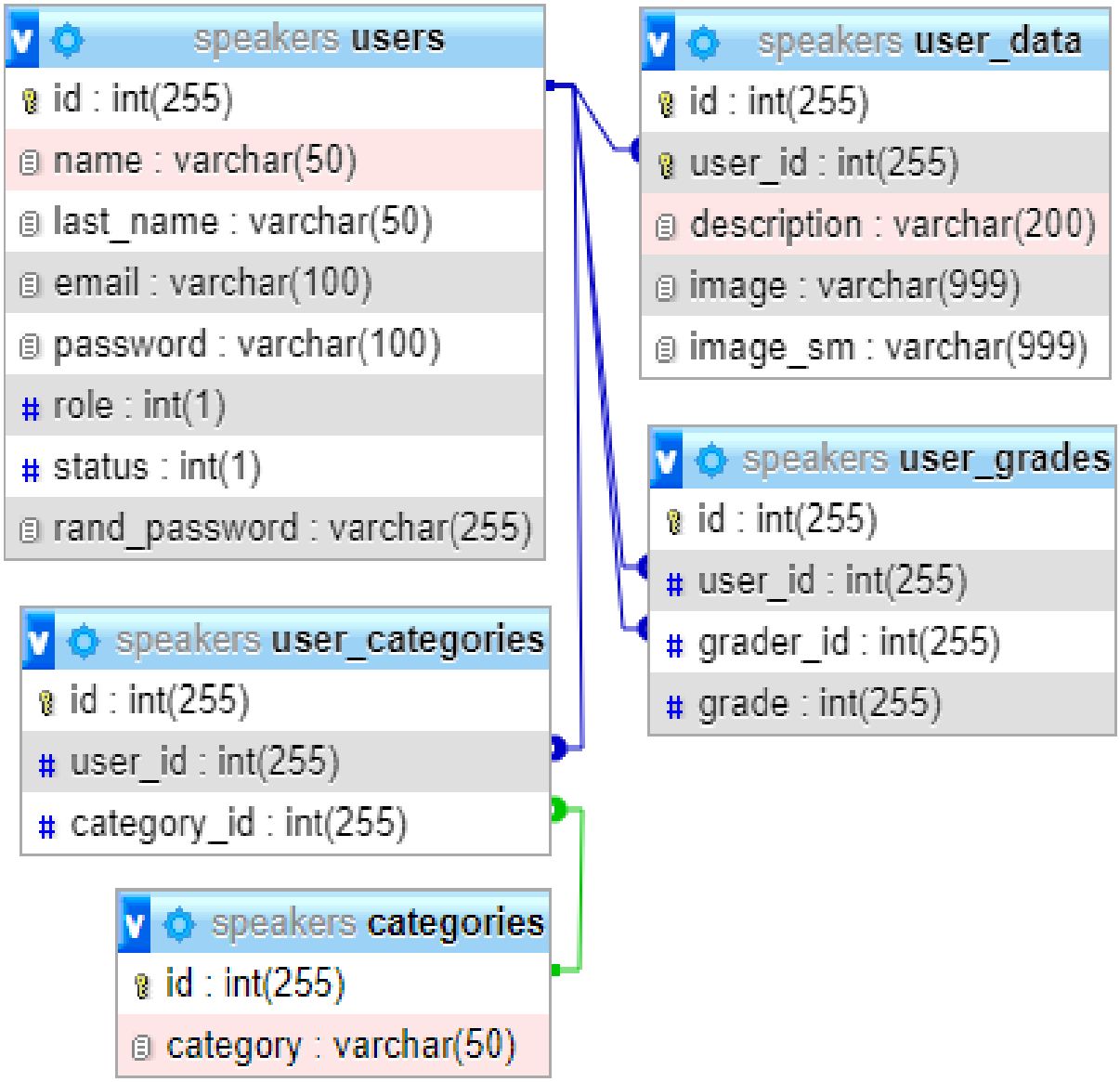
Prvi deo panela pruža prikaz statistika pristupa korisnika stranicama i link klikom na koji se istorija pristupa stranicama is fajla log.txt preuzima u Excel fajlu.

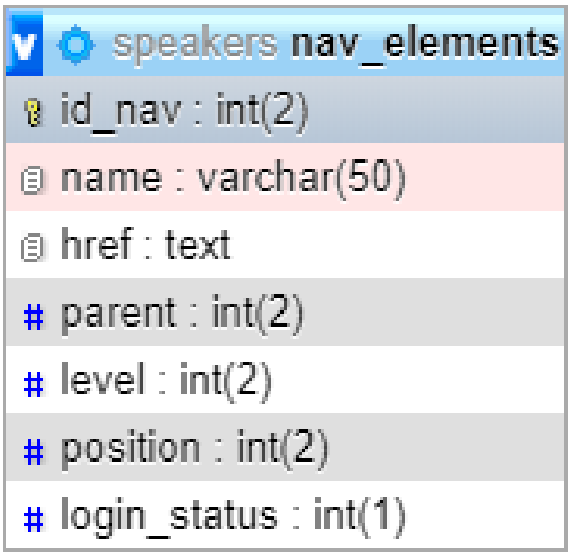




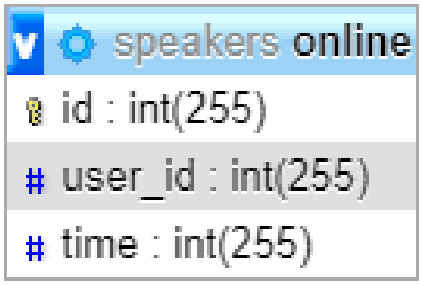
Drugi deo panela sa desne strane prikazuje poslednjih 50 redova iz log.txt fajla (istorija pristupa stranicama), a sa leve strane admin može otvoriti podatke tabela iz baze i njima upravljati(brisati, menjati i dodavati).

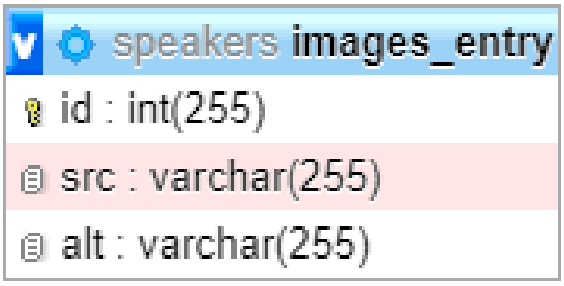
Prikaz tabela i strukture baze podataka:

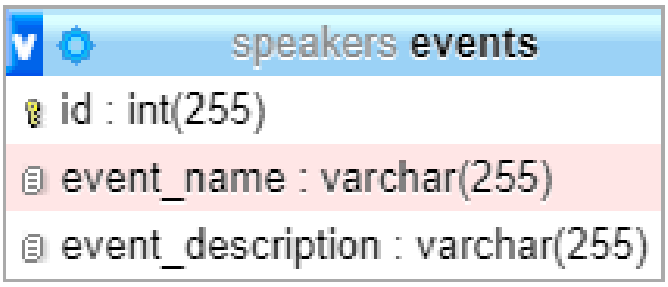

speakers users
id : int(255)
name : varchar(50)
last_name : varchar(50)
email : varchar(100)
password : varchar(100)
role : int(1)
status : int(1)
rand_password : varchar(255)
speakers user_data
id : int(255)
user_id : int(255)
description : varchar(200)
image : varchar(999)
image_sm : varchar(999)
speakers user_grades
id : int(255)
user_id : int(255)
grader_id : int(255)
grade : int(255)
speakers user_categories
id : int(255)
user_id : int(255)
category_id : int(255)
speakers categories
id : int(255)
category : varchar(50)


speakers nav_elements
id_nav : int(2)
name : varchar(50)
href : text
parent : int(2)
level : int(2)
position : int(2)
login_status : int(1)

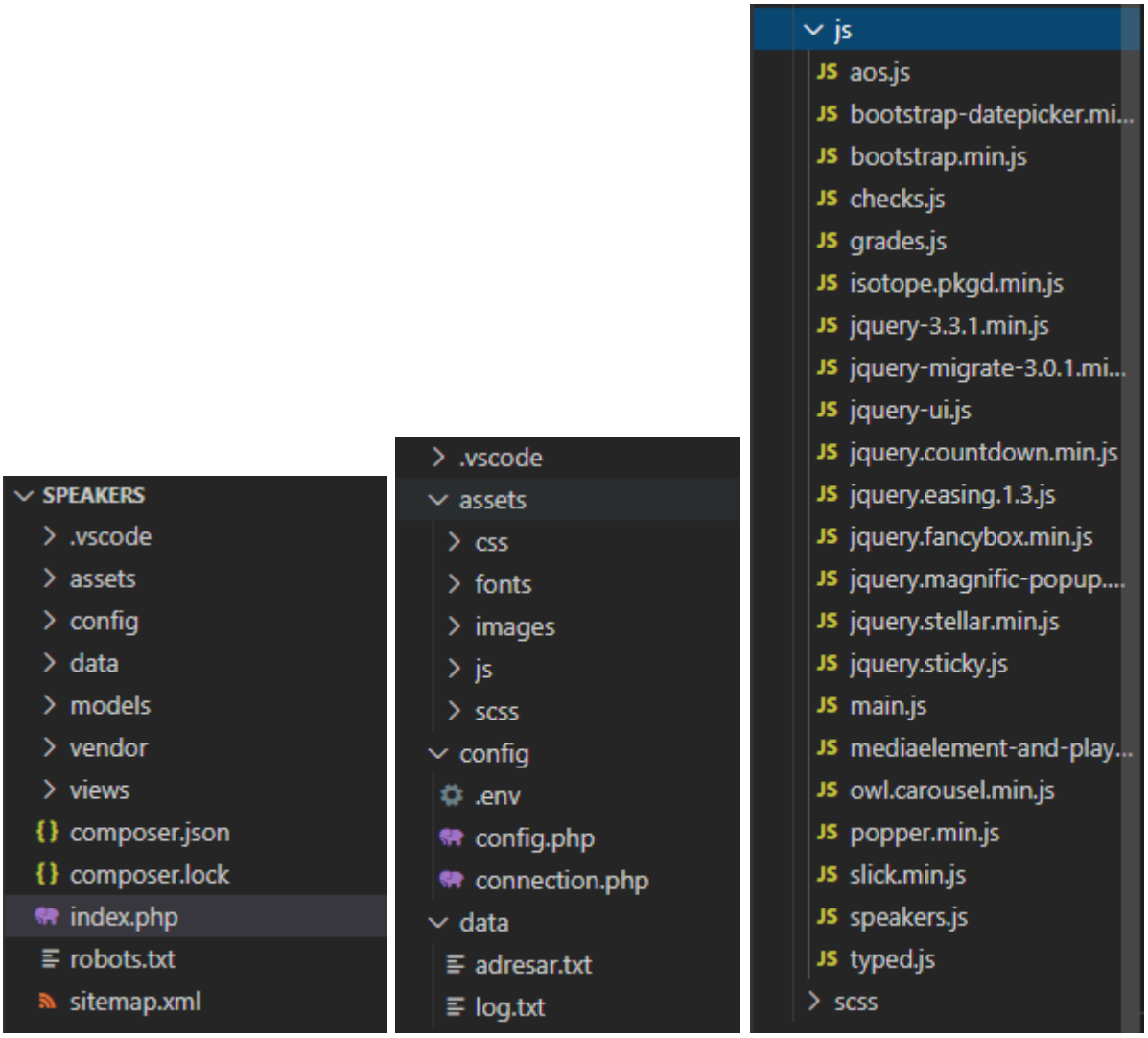
speakers author
id : int(255)
desc : varchar(500)

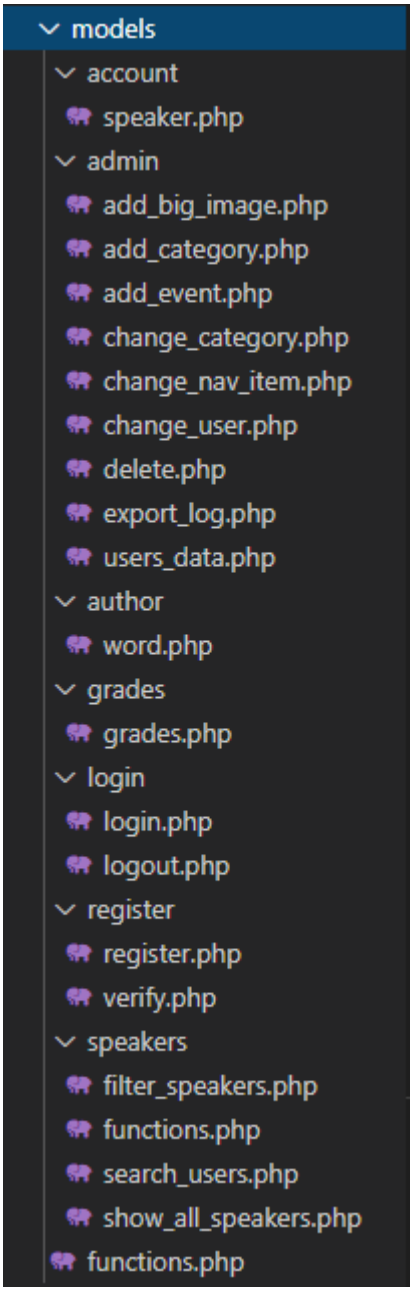

speakers online
id : int(255)
user_id : int(255)
time : int(255)

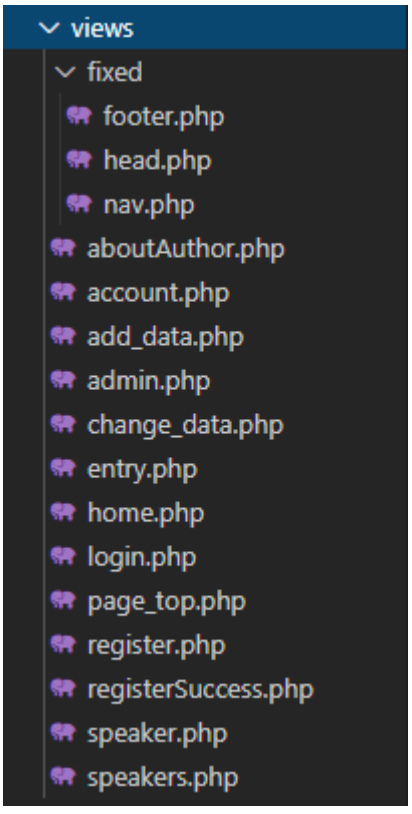

speakers images_entry
id : int(255)
src : varchar(255)
alt : varchar(255)


speakers events
id : int(255)
event_name : varchar(255)
event_description : varchar(255)

Prikaz strukture projekta:


SPEAKERS
.vscode
assets
config
data
models
vendor
views
composer.json
composer.lock
index.php
robots.txt
sitemap.xml
.vscode
assets
css
fonts
images
js
scss
config
.env
config.php
connection.php
data
adresar.txt
log.txt
js
aos.js
bootstrap-datepicker.mi...
bootstrap.min.js
checks.js
grades.js
isotope.pkgd.min.js
jquery-3.3.1.min.js
jquery-migrate-3.0.1.mi...
jquery-ui.js
jquery.countdown.min.js
jquery.easing.1.3.js
jquery.fancybox.min.js
jquery.magnific-popup....
jquery.stellar.min.js
jquery.sticky.js
main.js
mediaelement-and-play...
owl.carousel.min.js
popper.min.js
slick.min.js
speakers.js
typed.js
scss


models
account
speaker.php
admin
add_big_image.php
add_category.php
add_event.php
change_category.php
change_nav_item.php
change_user.php
delete.php
export_log.php
users_data.php
author
word.php
grades
grades.php
login
login.php
logout.php
register
register.php
verify.php
speakers
filter_speakers.php
functions.php
search_users.php
show_all_speakers.php
functions.php


views
fixed
footer.php
head.php
nav.php
aboutAuthor.php
account.php
add_data.php
admin.php
change_data.php
entry.php
home.php
login.php
page_top.php
register.php
registerSuccess.php
speaker.php
speakers.php

Kodovi:

index.php

```php
<?php
session_start();

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

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

if(!isset($_GET['page'])){
    include "views/entry.php";
    include "views/home.php";
}
else{
    switch($_GET['page']){
        case 'speakers':
            include 'views/page_top.php';
            include 'views/speakers.php';
        break;
        case 'login':
            include 'views/page_top.php';
            include 'views/login.php';
        break;
        case 'register':
            include 'views/page_top.php';
            include 'views/register.php';
        break;
        case 'aboutAuthor':
            include 'views/page_top.php';
            include 'views/aboutAuthor.php';
        break;
        case 'registerSuccess':
            include 'views/page_top.php';
            include 'views/registerSuccess.php';
        break;
        case 'verify':
            include 'views/page_top.php';
        break;
        case 'admin':
            include 'views/page_top.php';
            include 'views/admin.php';
        break;
        case 'account':
```

```
            include 'views/page_top.php';
            include 'views/account.php';
        break;
        case 'speaker':
            include 'views/page_top.php';
            include 'views/speaker.php';
        break;
        case 'change':
            include 'views/page_top.php';
            include 'views/change_data.php';
        break;
        case 'add':
            include 'views/page_top.php';
            include 'views/add_data.php';
        break;
    }
}

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

CONFIG

config.php

```php
<?php

//INITIAL
define("BASE_URL", "http://localhost:8080/speakers/");
define("ABSOLUTE_PATH", $_SERVER["DOCUMENT_ROOT"]."/speakers");
define("ENV_FILE", ABSOLUTE_PATH."/config/.env");
define("LOG_FILE", ABSOLUTE_PATH."/data/log.txt");
define("ADRESAR", ABSOLUTE_PATH."/data/adresar.txt");
define("SEPARTOR", "&");

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

function env($name){
    $open = fopen(ENV_FILE, "r");
    $data = file(ENV_FILE);
    $send = "";

    foreach($data as $key=>$value){
        $config = explode("=", $value);
        if($config[0]==$name){
            $send = trim($config[1]);
        }
    }

    return $send;
}
```

connection.php

```php
<?php

require_once "config.php";

pageEntryDataIn();

try {
    $connection = new PDO("mysql:host=".SERVER.";dbname=".DATABASE.";charset=utf8
", USERNAME, PASSWORD);
    $connection->setAttribute(PDO::ATTR_DEFAULT_FETCH_MODE, PDO::FETCH_OBJ);
    $connection->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
}
catch(PDOException $ex){
    echo $ex->getMessage();
}

function executeQuery($query){
    global $connection;
    return $connection->query($query)->fetchAll();
}

function pageEntryDataIn(){
    $open = fopen(LOG_FILE, "a");
    if($open){
        fwrite($open, "{$_SERVER['PHP_SELF']}\t".date('d.m.Y H:i:s')."\t{$_SERVER
['REMOTE_ADDR']}\n");
        fclose($open);
    }
}
```

VIEWS:

head.php

```
<!DOCTYPE html>

<html lang="en">
    <head>
        <title>Speakers</title>
        <meta charset="utf-8"/>
        <meta name="viewport" content="width=device-width, initial-
scale=1, shrink-to-fit=no"/>
        <meta name="description" content="Hire speakers or get gigs as a speaker.
"/>
        <meta name="keywords" content="Speakers, Speaker, event, speakers"/>

        <link rel="shortcut icon" href="assets/images/icon.ico"/>
        <link href="https://fonts.googleapis.com/css?family=Open+Sans:300,400,700
, 900|Playfair+Display:400,900" rel="stylesheet"/>
        <link rel="stylesheet" href="assets/fonts/icomoon/style.css"/>
        <link href="https://stackpath.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css" rel="stylesheet" integrity="sha384-
wvfXpqpZZVQGK6TAh5PVlGOfQNHSoD2xbE+QkPxCAFlNEevoEH3Sl0sibVcOQVnN" crossorigin="an
onymous"/>

        <link rel="stylesheet" href="assets/css/bootstrap.min.css"/>
        <link rel="stylesheet" href="assets/css/jquery-ui.css"/>
        <link rel="stylesheet" href="assets/css/owl.carousel.min.css"/>
        <link rel="stylesheet" href="assets/css/owl.theme.default.min.css"/>
        <link rel="stylesheet" href="assets/css/owl.theme.default.min.css"/>

        <link rel="stylesheet" href="assets/css/jquery.fancybox.min.css"/>
        <link rel="stylesheet" href="assets/css/bootstrap-datepicker.css"/>
        <link rel="stylesheet" href="assets/fonts/flaticon/font/flaticon.css"/>
        <link rel="stylesheet" href="assets/css/aos.css"/>
        <link rel="stylesheet" href="assets/css/style.css"/>
    </head>
```

nav.php

```
<body data-spy="scroll" data-target=".site-navbar-target" data-
offset="300" id="home-section">
    <!-- <div id="overlayer"></div>
    <div class="loader">
        <div class="spinner-border text-primary" role="status">
            <span class="sr-only">Loading...</span>
        </div>
    </div> -->

    <div class="site-wrap">
        <div class="site-mobile-menu site-navbar-target">
            <div class="site-mobile-menu-header">
                <div class="site-mobile-menu-close mt-3">
                    <span class="icon-close2 js-menu-toggle"></span>
                </div>
            </div>
            <div class="site-mobile-menu-body"></div>
        </div>

        <header class="site-navbar js-sticky-header site-navbar-
target" role="banner" >
            <div class="container">
                <div class="row align-items-center">
                    <div class="col-6 col-xl-2">
                        <h1 class="mb-0 site-
logo"><a href="index.php" class="h2 mb-0">Speakers<span class="text-
primary">.</span> </a></h1>
                    </div>

                    <div class="col-12 col-md-10 d-none d-xl-block">
                        <nav class="site-navigation position-relative text-
right" role="navigation">
                            <ul class="site-menu main-menu js-clone-nav mr-
auto d-none d-lg-block">
```

```
                                <?php
                                    require_once "models/functions.php";

                                    $query;

                                    if(isset($_SESSION['userStatus']) && $_SESSIO
N['userStatus'] == 1) $query = "SELECT * FROM nav_elements WHERE parent=0 AND log
in_status=0 OR login_status=2 ORDER BY position ASC";
                                    else $query = "SELECT * FROM nav_elements WHE
RE parent=0 AND login_status=0 OR login_status=1 ORDER BY position ASC";

                                    $rows = executeQuery($query);

                                    foreach($rows as $row):

                                    if(check_for_children($row->id_nav)){
                                        echo '<li class="has-children">';
                                    }
                                    else{
                                        echo '<li>';
                                    }
                                ?>
                                <a href="<?= $row->href ?>" class="nav-
link"><?= $row->name ?></a>
                                <?php
                                    if(check_for_children($row->id_nav)){
                                        echo '<ul class="dropdown">';
                                        show_nav_elements($row->id_nav);
                                        echo '</ul>';
                                    }
                                ?>

                                <?php
                                    echo '</li>';
                                    endforeach;

                                    if(isset($_SESSION['userStatus']) && $_SESSIO
N['userRole'] == 1):

                                    ?>
                                        <li><a href="index.php?page=admin" class=
"nav-link">Admin Panel</a></li>
                                    <?php
                                    endif;
                                ?>
                            </ul>
```

```
                        </nav>
                    </div>

                    <div class="col-6 d-inline-block d-xl-none ml-md-0 py-
3" style="position: relative; top: 3px;"><a href="#" class="site-menu-toggle js-
menu-toggle float-right"><span class="icon-menu h3"></span></a></div>
                </div>
            </div>
        </header>
```

footer.php

```
            <footer class="site-footer">
                <div class="container">
                    <div class="row">
                        <div class="col-md-4">
                            <h2 class="footer-heading mb-4">About Us</h2>
                            <p>This is a platform that helps people find professi
onals in their fields to speak on events or conferences or help speakers find spe
aking gigs in their respected fields. Using the platform is absolutely free.</p>
                        </div>

                        <div class="col-md-3 ml-auto">
                            <h2 class="footer-heading mb-4">Quick Links</h2>
                            <ul class="list-unstyled">
                                <?php
                                    $query = "SELECT * FROM nav_elements WHERE pa
rent != 0";

                                    $links = executeQuery($query);

                                    foreach($links as $link):
                                ?>
                                    <li><a href="<?= $link-
>href ?>" class="smoothscroll"><?= $link->name ?></a></li>
                                <?php
                                    endforeach;
                                ?>
                            </ul>
                        </div>

                        <div class="col-md-4">
                            <div class="mb-5">
                            <h2 class="footer-heading mb-4">Follow Us</h2>
                            <a href="https://www.facebook.com/" class="pl-0 pr-
3"><span class="icon-facebook"></span></a>
                            <a href="https://twitter.com/" class="pl-3 pr-
3"><span class="icon-twitter"></span></a>
                            <a href="https://www.instagram.com/" class="pl-3 pr-
3"><span class="icon-instagram"></span></a>
                            <a href="https://www.linkedin.com/" class="pl-3 pr-
3"><span class="icon-linkedin"></span></a>
                            </div>
                        </div>
                    </div>
                </div>
```

```
            </footer>

        </div>
        <!-- .site-wrap -->

        <script src="assets/js/jquery-3.3.1.min.js"></script>
        <script src="assets/js/jquery-ui.js"></script>
        <script src="assets/js/popper.min.js"></script>
        <script src="assets/js/bootstrap.min.js"></script>
        <script src="assets/js/owl.carousel.min.js"></script>
        <script src="assets/js/jquery.countdown.min.js"></script>
        <script src="assets/js/jquery.easing.1.3.js"></script>
        <script src="assets/js/aos.js"></script>
        <script src="assets/js/jquery.fancybox.min.js"></script>
        <script src="assets/js/jquery.sticky.js"></script>
        <script src="assets/js/isotope.pkgd.min.js"></script>

        <script src="assets/js/typed.js"></script>
                    <script>
                    var typed = new Typed('.typed-words', {
                    strings: ["Motivational Speakers","Professional Speakers","Bu
siness Speakers"],
                    typeSpeed: 80,
                    backSpeed: 80,
                    backDelay: 4000,
                    startDelay: 1000,
                    loop: true,
                    showCursor: true
                    });
                    </script>

        <script src="assets/js/main.js"></script>
        <script src="assets/js/checks.js"></script>
        <script src="assets/js/grades.js"></script>
        <script src="assets/js/speakers.js"></script>
    </body>
</html>
```

aboutAuthor.php

```
<div class="col-12 mt-5 mb-5 d-flex align-items-center justify-content-center">
    <div class="col-lg-6 col-sm-12 text-center">
        <img class="img-fluid mb-
5" id="authorImg" src="assets/images/author.png" alt="Author"/>
        <?php
        $data = executeQuery("SELECT * FROM author");
        foreach($data as $el):
        ?>

            <p class="h3 mb-3"><?= $el->desc ?></p>

        <?php endforeach;?>
        <a href="https://www.linkedin.com/in/nemanja-ka%C5%A1anov-
3ab60a189/" target="_blank">My LinkedIn</a>
        <br/>
        <a href="models/author/word.php">Export About Author in Word.</a>
    </div>
</div>
```

account.php

```
<?php

if(isset($_SESSION['userStatus']) && $_SESSION['userStatus'] == 1):
    $name = $_SESSION['userName'];
    $lname = $_SESSION['userLName'];
    $email = $_SESSION['userEmail'];
    $user = $_SESSION['userId'];
?>

<section class="site-section d-flex justify-content-center flex-wrap" id="about-
section">
    <div class="row col-lg-8 col-sm-12">
        <div class="col-lg-5 col-sm-12 text-left">
            <?php
                if(isset($_SESSION['changes']) && $_SESSION['changes'] == 'yes'):
            ?>
                <p class="h4 text-
danger">Changes to your account were applied.</p>
            <?php
                endif;
                $_SESSION['changes'] = '';

                $queryData = "SELECT ud.description, ud.image, ud.image_sm FROM u
sers AS u INNER JOIN user_data AS ud ON u.id = ud.user_id WHERE u.id=$user";
                $data = executeQuery($queryData);

                $queryCategories = "SELECT c.category FROM (users AS u INNER JOIN
 user_categories AS uc ON u.id=uc.user_id) INNER JOIN categories AS c ON c.id=uc.
category_id WHERE u.id=$user";
                $categories = executeQuery($queryCategories);
            ?>

            <img src="
            <?php
                if(isset($data[0]-
>image_sm)) echo 'assets/images/users/'.$data[0]->image_sm;
                else echo 'assets/images/generic_user.png';
            ?>"
            alt="<?= $name.' '.$lname ?>" class="rounded-circle img-fluid w-
50 mb-4"/>

            <h3 class="h4 text-black"><?= $name." ".$lname ?></h3>
```

```
            <p>Contact: <?= $email ?></p>
            <?php if(isset($data[0])): ?>
                <p><?= $data[0]->description ?></p>
            <?php endif;

                if(isset($categories[0]) && count($categories) > 0):
                    echo '<p class="h5">Categories:</p>';
                    echo '<ul class="list-group list-group-flush">';
                    foreach($categories as $el):
                    ?>
                        <li class="list-group-item"><?= $el->category ?></li>
                    <?php
                    endforeach;
                    echo '</ul>';
                endif;
            ?>

        </div>

        <div class="col-lg-7 col-sm-12 mt-3">
            <h3 class="mb-4 text-
black">Fill this form to register yourself as a speaker or change your settings.<
/h3>
            <form action="models/account/speaker.php" method="POST" name="speaker
Form" enctype="multipart/form-data" onsubmit="return speakerFormCheck()">

                <h5 class="text-black">Choose your profile picture:</h5>
                <div class="input-group mb-3">
                    <div class="custom-file">
                        <input type="file" accept="image/*" id="profilePicture" n
ame="profilePicture" class="btn btn-block btn-primary text-white py-2 px-5"/>
                    </div>
                </div>

                <h5 class="text-black">Tell people about yourself:</h5>
                <div class="form-group row">
                    <div class="col-md-12">
                        <textarea class="form-
control" placeholder="About you section" name="aboutYou" id="aboutYou" maxlength=
"200"></textarea>
                        <p id="aboutYouR" class="text-danger text-
center">Text cannot contain special characters or be empty.</p>
                    </div>
                </div>
```

```
                <h5 class="text-black">Select one or more categories:</h5>
                <div class="col-12 mb-5">
                    <div clas="col-12">
                        <?php
                            $query = "SELECT * FROM categories";
                            $categories = executeQuery($query);

                            foreach($categories as $el):
                        ?>

                        <div class="custom-control custom-checkbox">
                            <input type="checkbox" class="custom-control-
input" id="<?= $el->id ?>" name="category[]" value="<?= $el->id ?>"/>
                            <label class="custom-control-label" for="<?= $el-
>id ?>"><?= $el->category ?></label>
                        </div>

                        <?php
                            endforeach;
                        ?>
                    </div>
                </div>

                <div class="form-group row">
                    <div class="col-md-12 mr-auto">
                        <input type="submit" class="btn btn-block btn-
primary text-white py-2 px-5" value="Speaker" name="btn_speaker" value="Submit"/>
                        <p id="submitR" class="text-danger text-
center">Fill the form correctly to proceed.</p>
                    </div>
                </div>

                <?php
                    if(isset($_SESSION['errors'])) {
                        show_errors_array($_SESSION['errors']);
                        $_SESSION['errors'] = [];
                    }
                ?>
            </form>
        </div>
    </div>
</section>

<?php
endif;?>
```

add_data.php

```
<?php
$table = $_GET['table'];

if($_SESSION['userRole'] == 1):
?>

<section class="site-section d-flex justify-content-center flex-wrap" id="about-
section">
    <div class="col-12 d-flex justify-content-center">
        <div class="col-lg-6 col-sm-12 border p-3">
            <?php
            if($_GET['table'] == "categories"):
            ?>

                <div class="col-12 text-center">
                    <p class="h4 m-3">Add category:</p>
                    <form action="models/admin/add_category.php" method="POST">
                        <input type="text" name="category" id="category"/>

                        <button type="submit" class="btn btn-
info" name="submit">Submit</button>
                    </form>
                </div>

            <?php
            endif;

            if($_GET['table'] == "big_images"):
            ?>

                <div class="col-12 text-center">
                    <p class="h4 m-3">Add Big Image on Entry:</p>
                    <p class="h5 m-
3">Only the last three added will be displayed.</p>
                    <p class="h5 m-3">Image must be under 2MB.</p>
                    <form action="models/admin/add_big_image.php" method="POST" e
nctype="multipart/form-data" class="mt-5">
                        <input type="file" name="image" id="image" accept="image/
*"/>
                        <input type="text" name="description" id="description" pl
aceholder="Description"/>
```

```
                        <button type="submit" class="btn btn-
info" name="submit">Submit</button>
                    </form>
                </div>

            <?php
            endif;

            if($_GET['table'] == "event"):
            ?>

                <div class="col-12 text-center">
                    <p class="h4 m-3">Add Event:</p>
                    <p class="h5 m-
3">Only the last four added will be displayed.</p>
                    <form action="models/admin/add_event.php" method="POST" class
="mt-5">
                        <input type="text" name="event_name" id="event_name" plac
eholder="Event Name"/>
                        <input type="text" name="event_description" id="event_des
cription" placeholder="Event Description"/>

                        <button type="submit" class="btn btn-
info" name="submit">Submit</button>
                    </form>
                </div>

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

<?php
endif;
?>
```

admin.php

```
<?php
if($_SESSION['userRole'] == 1):
require_once "models/admin/users_data.php";
?>

<section class="site-section d-flex justify-content-center flex-wrap" id="about-
section">
    <div class="col-12 mt-5 mb-5">
        <div class="col-12 d-flex flex-wrap">
            <div class="col-lg-4 col-md-12 p-5">
                <p class="h5">Page entries last 24 hours:</p>
                <?php

                foreach($page_entries as $el):
                ?>

                    <p class="h6"><?= $el[1] ?> ----- <?= $el[0] ?></p>

                <?php
                endforeach;
                ?>
            </div>
            <div class="col-lg-4 col-md-12 p-5">
                <p class="h5">Page entries in total:</p>
                <?php

                foreach($page_entries_all as $el):
                ?>

                    <p class="h6"><?= $el[1] ?> (<?= round(100 - ($el[1] / $total
_entries) * 100 ,2) ?>) ----- <?= $el[0] ?></p>

                <?php
                endforeach;
                ?>
            </div>
            <div class="col-lg-4 col-md-12 p-5">
                <div class="col-12">
                    <p class="h4">Users logged in:
                        <?php
                        $time_now = time();
                        $time_yesterday = $time_now - (60 * 60 * 24);
```

```
                        $users_online = "SELECT * FROM online WHERE time BETWEEN
$time_yesterday AND $time_now";
                        $users_online_array = executeQuery($users_online);
                        $users_online_now = count($users_online_array);

                        echo "$users_online_now";
                        ?>
                    </p>
                    <p class="h5">Total page entries in last 24h: <?= $total_entr
ies ?></p>
                    <p class="h5">Total page entries in total: <?= count($file_ar
ray) ?></p>
                    <a href="models/admin/export_log.php">Open current LOG file i
n Excel.</a>
                </div>
            </div>
        </div>
        <div class="col-12 d-flex flex-wrap">
            <div class="col-lg-8 col-sm-12 p-5">
                <p class="h3 mb-4">Change data:</p>
                <div class="col-12 p-3 border mb-3">
                    <details class="col-12">
                        <summary class="h4">Users:</summary>
                        <table class="table col-12">
                            <thead>
                                <tr>
                                    <th scope="col">Id</th>
                                    <th scope="col">Name</th>
                                    <th scope="col">Last Name</th>
                                    <th scope="col">Email</th>
                                    <th scope="col">Role</th>
                                    <th scope="col">Status</th>
                                    <th scope="col">Change</th>
                                    <th scope="col">Delete</th>
                                </tr>
                            </thead>
                            <tbody>
                                <?php
                                $data = executeQuery("SELECT * FROM users");
                                foreach($data as $el):
                                ?>

                                <tr>
                                    <td><?= $el->id ?></td>
                                    <td><?= $el->name ?></td>
```

```
                                    <td><?= $el->last_name ?></td>
                                    <td><?= $el->email ?></td>
                                    <td><?= $el->role ?></td>
                                    <td><?= $el->status ?></td>
                                    <td><a href="index.php?page=change&table=user
s&id=<?= $el->id ?>">Change</a></td>
                                    <td><a href="models/admin/delete.php?table=us
ers&id=<?= $el->id ?>">Delete</a></td>
                                </tr>

                                <?php
                                endforeach;
                                ?>
                            </tbody>
                        </table>
                    </details>

                    <details class="col-12 mt-5">
                        <summary class="h4">Categories:</summary>

                        <a href="index.php?page=add&table=categories" class="h4">
Add category.</a>

                        <table class="table col-12">
                            <thead>
                                <tr>
                                    <th scope="col">Id</th>
                                    <th scope="col">Category Name</th>
                                    <th scope="col">Change</th>
                                    <th scope="col">Delete</th>
                                </tr>
                            </thead>
                            <tbody>
                                <?php
                                $data = executeQuery("SELECT * FROM categories");
                                foreach($data as $el):
                                ?>

                                <tr>
                                    <td><?= $el->id ?></td>
                                    <td><?= $el->category ?></td>
                                    <td><a href="index.php?page=change&table=cate
gories&id=<?= $el->id ?>">Change</a></td>
                                    <td><a href="models/admin/delete.php?table=ca
tegories&id=<?= $el->id ?>">Delete</a></td>
```

```
                                </tr>

                                <?php
                                endforeach;
                                ?>
                            </tbody>
                        </table>
                    </details>

                    <details class="col-12 mt-5">
                        <summary class="h4">Nav Menu Elements:</summary>

                        <table class="table col-12">
                            <thead>
                                <tr>
                                    <th scope="col">Id</th>
                                    <th scope="col">Name</th>
                                    <th scope="col">Link</th>
                                    <th scope="col">Parent</th>
                                    <th scope="col">Level</th>
                                    <th scope="col">Position</th>
                                    <th scope="col">Login Status</th>
                                    <th scope="col">Change</th>
                                    <th scope="col">Delete</th>
                                </tr>
                            </thead>
                            <tbody>
                                <?php
                                $data = executeQuery("SELECT * FROM nav_elements"
);
                                foreach($data as $el):
                                ?>

                                <tr>
                                    <td><?= $el->id_nav ?></td>
                                    <td><?= $el->name ?></td>
                                    <td><?= $el->href ?></td>
                                    <td><?= $el->parent ?></td>
                                    <td><?= $el->level ?></td>
                                    <td><?= $el->position ?></td>
                                    <td><?= $el->login_status ?></td>
                                    <td><a href="index.php?page=change&table=nav_
elements&id=<?= $el->id_nav ?>">Change</a></td>
                                    <td><a href="models/admin/delete.php?table=na
v_elements&id=<?= $el->id_nav ?>">Delete</a></td>
```

```
                                </tr>

                                <?php
                                endforeach;
                                ?>
                            </tbody>
                        </table>
                    </details>

                    <details class="col-12 mt-5">
                        <summary class="h4">Big Images on Home Page:</summary>

                        <a href="index.php?page=add&table=big_images" class="h4">
Add Image.</a>

                        <table class="table col-12">
                            <thead>
                                <tr>
                                    <th scope="col">Id</th>
                                    <th scope="col">Src</th>
                                    <th scope="col">Description</th>
                                    <th scope="col">Delete</th>
                                </tr>
                            </thead>
                            <tbody>
                                <?php
                                $data = executeQuery("SELECT * FROM images_entry"
);
                                foreach($data as $el):
                                ?>

                                <tr>
                                    <td><?= $el->id ?></td>
                                    <td><?= $el->src ?></td>
                                    <td><?= $el->alt ?></td>
                                    <td><a href="models/admin/delete.php?table=im
ages_entry&id=<?= $el->id ?>">Delete</a></td>
                                </tr>

                                <?php
                                endforeach;
                                ?>
                            </tbody>
                        </table>
                    </details>
```

```
                    <details class="col-12 mt-5">
                        <summary class="h4">Events:</summary>

                        <a href="index.php?page=add&table=event" class="h4">Add E
vent.</a>

                        <table class="table col-12">
                            <thead>
                                <tr>
                                    <th scope="col">Id</th>
                                    <th scope="col">Event Name</th>
                                    <th scope="col">Event Description</th>
                                    <th scope="col">Delete</th>
                                </tr>
                            </thead>
                            <tbody>
                                <?php
                                $data = executeQuery("SELECT * FROM events");
                                foreach($data as $el):
                                ?>

                                <tr>
                                    <td><?= $el->id ?></td>
                                    <td><?= $el->event_name ?></td>
                                    <td><?= $el->event_description ?></td>
                                    <td><a href="models/admin/delete.php?table=ev
ents&id=<?= $el->id ?>">Delete</a></td>
                                </tr>

                                <?php
                                endforeach;
                                ?>
                            </tbody>
                        </table>
                    </details>

                </div>
            </div>

            <div class="col-lg-4 col-sm-12 p-5">
                <p class="h3 mb-4">Accessed pages data (last 50):</p>
                <ul>
                <?php
                $file = fopen("data/log.txt", "r");
```

```
                if($file):
                    $file_array = file("data/log.txt");

                    for($i = count($file_array) - 1; $i >= count($file_array) - 6
0; $i--):
                        ?>

                        <li><?= $file_array[$i] ?></li>

                        <?php
                    endfor;

                    fclose($file);
                endif;
                ?>
                </ul>
            </div>
        </div>
    </div>
</section>

<?php
endif;
?>
```

change_data.php

```
<?php
$table = $_GET['table'];
$id = $_GET['id'];

if($_SESSION['userRole'] == 1):
?>

<section class="site-section d-flex justify-content-center flex-wrap" id="about-
section">
    <div class="col-12 d-flex justify-content-center">
        <div class="col-lg-6 col-sm-12 border p-3">
            <?php
            if($_GET['table'] == "users"):
            ?>

                <div class="col-12 text-center">
                    <form action="models/admin/change_user.php" method="POST">
                        <p class="h4 m-3">Change admin status of this user:</p>
                        <div class="radio">
                            <label><input type="radio" name="admin" value="1">Adm
in</label>
                        </div>
                        <div class="radio">
                            <label><input type="radio" name="admin" checked="chec
ked" value="0">User</label>
                        </div>

                        <p class="h4 m-
3">Activate or deactivate account of the user:</p>
                        <div class="radio">
                            <label><input type="radio" name="status" checked="che
cked" value="1">Activate</label>
                        </div>
                        <div class="radio">
                            <label><input type="radio" name="status" value="0">De
activate</label>
                        </div>

                        <input type="hidden" name="id" id="id" value="<?= $id ?>"
/>
                        <button type="submit" class="btn btn-
info" name="submit">Submit</button>
                    </form>
```

```
                </div>

            <?php
            endif;

            if($_GET['table'] == "categories"):
            ?>

                <div class="col-12 text-center">
                    <p class="h4 m-3">Rename category:</p>
                    <form action="models/admin/change_category.php" method="POST"
>
                        <input type="text" name="category" id="category"/>

                        <input type="hidden" name="id" id="id" value="<?= $id ?>"
/>
                        <button type="submit" class="btn btn-
info" name="submit">Submit</button>
                    </form>
                </div>

            <?php
            endif;

            if($_GET['table'] == "nav_elements"):
            ?>

                <div class="col-12 text-center">
                    <p class="h4 m-3">Change Navigation Element:</p>
                    <p class="h5 m-3">Fill in all the elements of the form:</p>
                    <form action="models/admin/change_nav_item.php" method="POST"
>
                        <div class="form-group">
                            <input type="text" class="form-
control" id="name" name="name" placeholder="Name"/>
                        </div>
                        <div class="form-group">
                            <input type="text" class="form-
control" id="href" name="href" placeholder="href (link)"/>
                        </div>
                        <div class="form-group">
                            <input type="text" class="form-
control" id="parent" name="parent" placeholder="Parent (Id number)" maxlength="2"
/>
                        </div>
```

```
                        <div class="form-group">
                            <input type="text" class="form-
control" id="level" name="level" placeholder="Level (number)" maxlength="2"/>
                        </div>
                        <div class="form-group">
                            <input type="text" class="form-
control" id="position" name="position" placeholder="Position (number)" maxlength=
"2"/>
                        </div>
                        <div class="form-group">
                            <input type="text" class="form-
control" id="login_status" name="login_status" placeholder="Login Status (number
0, 1, 2)" maxlength="1"/>
                            <label for="login_status">0 for all, 1 for logged in
users, 2 for admins</label>
                        </div>

                        <input type="hidden" name="id" id="id" value="<?= $id ?>"
/>
                        <button type="submit" class="btn btn-
info" name="submit">Submit</button>
                    </form>
                </div>

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

<?php
endif;
?>
```

entry.php

```
<section class="site-blocks-cover overflow-hidden">
    <div class="container">
        <div class="row">
            <div class="col-lg-12 align-self-center">
                <div class="row">
                    <div class="col-lg-11">
                        <h1>We are <span class="typed-words"></span></h1>
                        <p>Contact and book speakers for your events. Build netwo
rks. <a href="index.php?page=speakers">Explore.</a></p>
                    </div>
                </div>
            </div>
        </div>
    </div>
</section>

<section>
    <div class="container">
        <div class="row">
            <div class="col-12" style="margin-top: -7%;">
                <div class="slide-one-item home-slider owl-carousel">
                    <?php
                        $query = "SELECT * FROM images_entry ORDER BY id DESC LIM
IT 3";
                        $array = executeQuery($query);
                        foreach($array as $el):
                    ?>

                    <img src="<?= $el->src ?>" alt="<?= $el->alt ?>" class="img-
fluid img"/>

                    <?php endforeach ?>
                </div>
            </div>
        </div>
    </div>
</section>
```

home.php

```
<section class="site-section" id="about-section">
    <div class="container">
        <div class="row">
            <div class="col-12 mb-3">
                <h2 class="text-black">Hey there, I'm Nemanja The Founder</h2>
            </div>
            <div class="col-md-6 mb-5">
                <p>I believe in improvement and progress, so I have decided to bu
ild this platform to connect people and help organise events where people would l
earn and advance professionally or otherwise.</p>
                <p>Here you can connect, talk to or book speakers for your events
 or if you are a speaker find a gig for yourself.</p>
                <p>Even with this platform being new thousands of people have sha
red positive experiences and reported to us that they have found people needed fo
r their jobs and formed new friendships.</p>
                <p class="mt-
5"><img src="assets/images/signature.jpg" alt="Signature" class="img-fluid w-
25"></p>
            </div>
            <div class="col-md-5 ml-auto">
                <h2 class="text-black mb-4 h6">Upcmoing Speaking Gigs</h2>
                <ul class="list-unstyled">
                    <?php
                        $eventsQuery = "SELECT * FROM events ORDER BY id DESC LIM
IT 4";
                        $events = executeQuery($eventsQuery);

                        foreach($events as $el):
                    ?>

                    <li class="mb-4">
                        <h3 class="text-black m-0"><?= $el->event_name ?></h3>
                        <span class="text-muted"><?= $el-
>event_description ?></span>
                    </li>

                    <?php endforeach; ?>
                </ul>
            </div>
        </div>

        <div class="row">
            <?php
```

```
            $query = "SELECT u.id, u.name, ud.description, ud.image_sm FROM users
 AS u INNER JOIN user_data AS ud ON u.id = ud.user_id ORDER BY u.id DESC LIMIT 4"
;
            $users_to_display = executeQuery($query);

            foreach($users_to_display as $el):
            ?>

            <div class="col-lg-3 text-left">
                <a href="index.php?page=speaker&id=<?= $el->id ?>">
                    <img src="assets/images/users/<?= $el-
>image_sm ?>" alt="<?= $el->name ?>" class="rounded-circle img-fluid w-50 mb-4">
                    <h3 class="h4 text-black"><?= $el->name ?></h3>
                </a>
                <p><?= $el->description ?></p>
            </div>

            <?php endforeach; ?>
        </div>
    </div>
</section>
```

login.php

```
<div class="site-section" id="contact-section">
    <div class="container">
        <div class="row">
            <div class="col-12 text-center mb-5">
                <h2 class="text-black">Fill the form to log in:</h2>
            </div>
        </div>

        <div class="row d-flex justify-content-center">
            <div class="col-lg-8 col-md-12 mb-5">
                <form action="models/login/login.php" method="POST" name="registe
rForm" onsubmit="return loginFormCheck()">

                    <div class="form-group row">
                        <div class="col-md-12">
                            <input type="text" class="form-
control" placeholder="Email address" name="email" id="email"/>
                            <p id="emailR" class="text-danger text-
center">Invalid email format.</p>
                        </div>
                    </div>

                    <div class="form-group row">
                        <div class="col-md-12">
                            <input type="password" class="form-
control" placeholder="Password" name="pass" id="pass"/>
                            <p id="passR" class="text-danger text-
center">Invalid password format.</p>
                        </div>
                    </div>

                    <div class="form-group row">
                        <div class="col-md-12 mr-auto">
                            <input type="submit" class="btn btn-block btn-
primary text-white py-2 px-
5" value="Register" name="sub_register" value="Submit"/>
                            <p id="submitR" class="text-danger text-
center">Fill the form correctly to proceed.</p>
                        </div>
                    </div>

                    <?php
                        if(isset($_SESSION['errors'])) {
```

```
                        show_errors_array($_SESSION['errors']);
                        $_SESSION['errors'] = [];
                    }
                ?>
            </form>
        </div>
    </div>
</div>
```

page_top.php

```
<section class="site-blocks-cover overflow-hidden">
    <div class="container">
        <div class="row">
            <div class="col-lg-12 align-self-center">
                <div class="row">
                    <div class="col-lg-11">
                        <?php
                            if($_GET['page'] == "speakers" || $_GET['page'] == "e
vents"){
                                echo "<h1>Find speakers:</h1><p>Find and contact
people with skills you need. Build your network.</p>";
                            }
                            else if($_GET['page'] == "login"){
                                echo "<h1>Log In:</h1><p>Log in to an existing ac
count.</p>";
                            }
                            else if($_GET['page'] == "register"){
                                echo "<h1>Register here:</h1><p>Create a new acco
unt and become a member now.</p>";
                            }
                            else if($_GET['page'] == "aboutAuthor"){
                                echo "<h1>About Author:</h1>";
                            }
                            else if($_GET['page'] == "registerSuccess"){
                                echo "<h1>Account registered:</h1>";
                            }
                            else if($_GET['page'] == "verify"){
                                if($_GET['error'] == "") echo "<h1>Account activa
ted:</h1><p>Click <a href='index.php?page=login'>here</a> to log in.</p>";
                                else echo "<h1>Error:</h1><p>An error has occured
 while processing your information. <br/> Please try again later.</p>";
                            }
                            else if($_GET['page'] == "admin"){
                                echo "<h1>Admin panel:</h1>";
                                if(!isset($_SESSION['userRole']) || $_SESSION['us
erRole'] != 1) echo "<p>You are not authorised to access this page.</p>";
                            }
                            else if($_GET['page'] == "account"){
                                echo "<h1>My Account:</h1><p>Account Settings:</p
>";
                                if(!isset($_SESSION['userStatus']) || $_SESSION['
userStatus'] != 1) echo "<p>You are not authorised to access this page.</p>";
                            }
```

```
                            else if($_GET['page'] == "speaker"){
                                if(isset($_GET['id']) && $_GET['id'] != '') echo
"<h1>Speaker:</h1><p>Find details about a speaker and leave a grade to help the c
ommunity.</p>";
                                else echo "<h1>Error:</h1><p>User not found.</p>"
;
                            }
                            else if($_GET['page'] == "change"){
                                echo "<h1>Admin panel(change):</h1>";
                                if(!isset($_SESSION['userRole']) || $_SESSION['us
erRole'] != 1) echo "<p>You are not authorised to access this page.</p>";
                            }
                            else if($_GET['page'] == "add"){
                                echo "<h1>Admin panel(add data):</h1>";
                                if(!isset($_SESSION['userRole']) || $_SESSION['us
erRole'] != 1) echo "<p>You are not authorised to access this page.</p>";
                            }
                        ?>
                    </div>
                </div>
            </div>
        </div>
    </div>
</section>
```

register.php

```
<div class="site-section" id="contact-section">
    <div class="container">
        <div class="row">
            <div class="col-12 text-center mb-5">
                <h2 class="text-black">Join our community:</h2>
            </div>
        </div>

        <div class="row d-flex justify-content-center">
            <div class="col-lg-8 col-md-12 mb-5">
                <form action="models/register/register.php" method="POST" name="r
egisterForm" onsubmit="return registerFormCheck()">
                    <div class="form-group row">
                        <div class="col-md-6 mb-3 mb-md-0">
                            <input type="text" class="form-
control" placeholder="First name" name="name" id="name"/>
                            <p id="nameR" class="text-danger text-
center">Invalid format, name must begin with a capital letter.</p>
                        </div>
                        <div class="col-md-6">
                            <input type="text" class="form-
control" placeholder="Last name" name="lname" id="lname"/>
                            <p id="lnameR" class="text-danger text-
center">Invalid format, last name must begin with a capital letter.</p>
                        </div>
                    </div>

                    <div class="form-group row">
                        <div class="col-md-12">
                            <input type="text" class="form-
control" placeholder="Email address" name="email" id="email"/>
                            <p id="emailR" class="text-danger text-
center">Invalid email format.</p>
                        </div>
                    </div>

                    <div class="form-group row">
                        <div class="col-md-12">
                            <input type="password" class="form-
control" placeholder="Password" name="pass" id="pass"/>
                            <p id="passR" class="text-danger text-
center">Insert a password that is between 6 and 20 characters, contains at least
one uppercase, one lowercase letter and one digit.</p>
```

```
                        </div>
                    </div>

                    <div class="form-group row">
                        <div class="col-md-12">
                            <input type="password" class="form-
control" placeholder="Repeat password" name="rpass" id="rpass"/>
                            <p id="rpassR" class="text-danger text-
center">Passwords do not match.</p>
                        </div>
                    </div>

                    <div class="form-group row">
                        <div class="col-md-12 mr-auto">
                            <input type="submit" class="btn btn-block btn-
primary text-white py-2 px-
5" value="Register" name="sub_register" value="Submit"/>
                            <p id="submitR" class="text-danger text-
center">Fill the form correctly to proceed.</p>
                        </div>
                    </div>

                    <?php
                        if(isset($_SESSION['errors'])) {
                            show_errors_array($_SESSION['errors']);
                            $_SESSION['errors'] = [];
                        }
                    ?>

                </form>
            </div>
        </div>
    </div>
</div>
```

registerSuccess.php

```
<?php
    $_SESSION["registerErrors"] = [];
?>
<section class="site-section mt-5 mb-5" id="services-section">
    <div class="container">
        <div class="row mb-5 justify-content-center">
            <div class="col-md-7 text-center">
                <h2 class="text-black">Account Successfully Registered</h2>
                <p>To use it, please activate your account by clicking on link we
've sent to the email you entered.</p>
                <p>You will not be able to use your account until it is activated
</p>
            </div>
        </div>
    </div>
</section>
```

speaker.php

```
<?php
    if(isset($_GET['id']) && $_GET['id'] != ''):

    $user = $_GET['id'];

    $queryData = "SELECT u.name, u.last_name, u.email, ud.description, ud.image,
ud.image_sm FROM users AS u INNER JOIN user_data AS ud ON u.id = ud.user_id WHERE
 u.id=$user";
    $queryCategories = "SELECT c.category FROM (users AS u INNER JOIN user_catego
ries AS uc ON u.id=uc.user_id) INNER JOIN categories AS c ON c.id=uc.category_id
WHERE u.id=$user";

    $data = executeQuery($queryData);
    $categories = executeQuery($queryCategories);

    if(count($data) != 0):
?>

<section class="site-section" id="about-section">
    <div class="col-12 d-flex justify-content-center">
        <div class="col-lg-9 col-md-12 d-flex flex-wrap mt-4 mb-5 d-flex justify-
content-center">
            <div class="col-lg-6 col-sm-12">
                <div class="col-12">
                    <div class="col-12 text-center">
                        <img src="
                            <?php
                                if(isset($data[0]-
>image_sm)) echo 'assets/images/users/'.$data[0]->image_sm;
                                else echo 'assets/images/generic_user.png';
                            ?>"
                        alt="<?= $data[0]->name.' '.$data[0]-
>last_name ?>" class="rounded-circle img-fluid w-50 mb-4"/>
                    </div>
                    <div class="col-12 text-center">
                        <p class="h2 mb-5"><?= $data[0]->name.' '.$data[0]-
>last_name ?></p>
                        <?php
                            if(isset($data[0]->description)):
                            ?>
                                <p><span class="font-weight-
bold">About the speaker:</span><br/><?= $data[0]->description ?></p>
                            <?php
```

```
                            endif;

                            if(isset($data[0]->email)):
                            ?>
                                <p><span class="font-weight-
bold">Contact email:</span><br/><?= $data[0]->email ?></p>
                            <?php
                            endif;

                        ?>
                    </div>
                </div>
            </div>
            <div class="col-lg-6 col-sm-12">
                <div class="col-12 text-center">
                <?php
                    if(isset($categories[0]) && count($categories) > 0):
                        echo '<p class="h5 font-weight-
bold">Areas of knowledge:</p>';
                        echo '<ul class="list-group list-group-flush">';
                        foreach($categories as $el):
                        ?>
                            <li class="list-group-item"><?= $el->category ?></li>
                        <?php
                        endforeach;
                        echo '</ul>';
                    endif;
                ?>
                </div>
                <div class="col-12 text-center mt-4 text-center">
                    <p class="font-weight-bold">Average grade:</p>
                    <span class="h3 text-info">
                        <?php
                            $queryGrades = "SELECT AVG(grade) AS grade FROM user_
grades WHERE user_id=$user";
                            $grades = executeQuery($queryGrades);
                            $grade = $grades[0]->grade;
                            $grade = round($grade);

                            for($i = 0; $i < 5; $i++){
                                if($i < $grade){
                                    echo '<i class="fa fa-star" aria-
hidden="true"></i>';
                                }
                                else{
```

```
                                    echo '<i class="fa fa-star-o" aria-
hidden="true"></i>';
                                }
                            }

                            $queryTotal = "SELECT COUNT(user_id) AS total FROM us
er_grades WHERE user_id=".$user;
                            $total = executeQuery($queryTotal);
                        ?>
                    </span>
                    <p>Total grades: <?= $total[0]->total ?></p>
                </div>
                <?php if(isset($_SESSION['userStatus']) && $user != $_SESSION['us
erId']): ?>
                <div class="col-12 text-center mt-5">
                    <input type="hidden" value="<?= $_SESSION['userId'] ?>" name=
"user_id" id="user_id"/>
                    <input type="hidden" value="<?= $user ?>" name="speaker_id" i
d="speaker_id"/>
                    <p><span class="font-weight-
bold">Grade the speaker:</span><br>To help our community be as objective and hone
st as possible.</p>
                    <span class="h3">
                        <button class="starButton" value="1"><i class="fa fa-
star grade" aria-hidden="true"></i></button>
                        <button class="starButton" value="2"><i class="fa fa-
star grade" aria-hidden="true"></i></button>
                        <button class="starButton" value="3"><i class="fa fa-
star grade" aria-hidden="true"></i></button>
                        <button class="starButton" value="4"><i class="fa fa-
star grade" aria-hidden="true"></i></button>
                        <button class="starButton" value="5"><i class="fa fa-
star grade" aria-hidden="true"></i></button>
                    </span>
                    <div class="col-12 text-center mt-3" id="gradedText">
                        <p><span class="text-
info">Thank you for grading and supporting the community!</span><br/>If you ever
change your mind you can change the grade here.</p>
                    </div>
                </div>
                <?php endif; ?>
            </div>
        </div>
    </div>
</section>
```

```
<?php
    endif;

    if(count($data) == 0):
        echo '<section class="site-section" id="about-section"><p class="text-
center h2 mt-5 mb-5">This user is not registered as a speaker.</p></div>';
    endif;

    endif;
?>
```

speakers.php

```
<?php

?>

<section class="site-section d-flex justify-content-center" id="about-section">
    <div class="col-lg-10 col-sm-12 d-flex flex-wrap">
        <div class="col-lg-3 col-sm-12 border-right">

            <!-- SEARCH, SORTING AND FILTERING -->

            <div class="col-12">
                <form class="col-12" action="#" method="POST">
                    <div class="col-12 mb-3 mt-3">
                        <!-- SEARCH -->
                        <div class="md-form active-cyan active-cyan-2 mb-3">
                            <input class="form-control col-
12" type="text" placeholder="Search by name" aria-
label="Search" id="search" name="search"/>
                        </div>
                    </div>

                    <div class="col-12 mb-3 mt-4">
                        <!-- STARS FILTERS -->
                        <p>Filter by stars rated:</p>
                        <div class="form-check">
                            <input class="form-check-
input cbxClass starCbx" type="checkbox" id="starCbx1" name="starCbx1" value="5"/>
                            <label class="form-check-
label" for="starCbx1">5 STARS</label>
                        </div>
                        <div class="form-check">
                            <input class="form-check-
input cbxClass starCbx" type="checkbox" id="starCbx2" name="starCbx2" value="4"/>
                            <label class="form-check-
label" for="starCbx2">4 STARS</label>
                        </div>
                        <div class="form-check">
                            <input class="form-check-
input cbxClass starCbx" type="checkbox" id="starCbx3" name="starCbx3" value="3"/>
                            <label class="form-check-
label" for="starCbx3">3 STARS</label>
                        </div>
                        <div class="form-check">
```

```
                            <input class="form-check-
input cbxClass starCbx" type="checkbox" id="starCbx4" name="starCbx4" value="2"/>
                            <label class="form-check-
label" for="starCbx4">2 STARS</label>
                        </div>
                        <div class="form-check">
                            <input class="form-check-
input cbxClass starCbx" type="checkbox" id="starCbx5" name="starCbx5" value="1"/>
                            <label class="form-check-
label" for="starCbx5">1 STAR</label>
                        </div>
                    </div>

                    <div class="col-12 mb-3 mt-4">
                        <!-- CATEGORY FILTERS -->
                        <p>Filter by expertise:</p>
                        <?php
                            $query_categories = "SELECT * FROM categories";
                            $categories = executeQuery($query_categories);

                            foreach($categories as $ctg):
                        ?>

                        <div class="form-check">
                            <input class="form-check-
input categCbx cbxClass" type="checkbox" id="<?= $ctg->id ?>" name="<?= $ctg-
>id ?>"  value="<?= $ctg->id ?>"/>
                            <label class="form-check-label" for="<?= $ctg-
>id ?>"><?= $ctg->category ?></label>
                        </div>

                        <?php endforeach; ?>
                    </div>
                </form>
            </div>
        </div>

        <div class="col-lg-9 col-sm-12 pt-5" id="speakersDisplay">

            <!-- DISPLAY SPEAKERS -->

        </div>
    </div>
</section>
```

MODELS:

speaker.php

```php
<?php
session_start();

if(isset($_POST['btn_speaker'])){
    require_once "../../config/connection.php";
    $_SESSION['errors'] = [];

    $image = $_FILES['profilePicture'];
    $text = $_POST['aboutYou'];

    $categories = [];
    foreach($_POST['category'] as $el){
        array_push($categories, $el);
    }

    $regexText = "/^[A-Za-z1-9\.\,\!\?\'\:\;\_\- ]{5,200}$/";
    $errors = [];

    if(count($categories) == 0) array_push($errors, "You must select at least one
 category.");
    if(!preg_match($regexText, $text)) array_push($errors, "Short description is
required.");
    if(!is_uploaded_file($_FILES['profilePicture']['tmp_name'])) array_push($erro
rs, "Upload the image of yourself to register as a speaker.");
    if($_FILES['profilePicture']['size'] > 2000000) array_push($errors, "Image mu
st be under 2MB.");
    if($_FILES['profilePicture']['type'] != "image/jpeg" && $_FILES['profilePictu
re']['type'] != "image/png") array_push($errors, "File provided is not an image o
f .PNG or .JPG type.");

    if(count($errors) == 0){
        // UPLOAD ORIGINAL IMAGE
        $origName = $_FILES['profilePicture']['name'];
        $name = $_SESSION['userEmail']."__img__".$origName;
        $tmp = $image['tmp_name'];
        $path = "../../assets/images/users/$name";
        move_uploaded_file($tmp, $path);

        // IMAGE RESIZE AND WATERMARK
```

```
        $dimensions = getimagesize($path);
        $width = $dimensions[0];
        $height = $dimensions[1];

        $new_width = 250;
        $new_height = 250;
        $bg = imagecreatetruecolor($new_width, $new_height);

        $mark = imagecreatefrompng("../../assets/images/mark.png");

        if($_FILES['profilePicture']['type'] == "image/jpeg"){
            if(imagecreatefromjpeg($path)){
                $uploadedImg = imagecreatefromjpeg($path);
                imagecopyresampled($bg, $uploadedImg, 0, 0, 0, 0, $new_width, $ne
w_height, $width, $height);
                $nameSm = $_SESSION['userEmail']."__sm__".$origName;
                imagecopymerge($bg, $mark, 95,225,0,0,60,25, 30);

                imagejpeg($bg, "../../assets/images/users/$nameSm");
            }
            else{
                array_push($errors, "Corrupt image file!");
                $_SESSION['errors'] = $errors;
                header("Location: ../../index.php?page=account");
            }
        }
        else if($_FILES['profilePicture']['type'] == "image/png"){
            if(imagecreatefrompng($path)){
                $uploadedImg = imagecreatefrompng($path);
                imagecopyresampled($bg, $uploadedImg, 0, 0, 0, 0, $new_width, $ne
w_height, $width, $height);
                $nameSm = $_SESSION['userEmail']."__sm__".$origName;
                imagecopymerge($bg, $mark, 95,225,0,0,60,25, 30);

                imagepng($bg, "../../assets/images/users/$nameSm");
            }
            else{
                array_push($errors, "Corrupt image file!");
                $_SESSION['errors'] = $errors;
                header("Location: ../../index.php?page=account");
            }
        }

        // INSERT INTO THE DATABASE
        $user_id = $_SESSION["userId"];
```

```
        $rows_in = executeQuery("SELECT * FROM user_data WHERE user_id = $user_id
");
        $categ_in = executeQuery("SELECT * FROM user_categories WHERE user_id = $
user_id");

        if(count($rows_in) == 0){
            $userDataQuery = $connection-
>prepare("INSERT INTO user_data (user_id, description, image, image_sm) VALUES (:
id, :desc, :image, :imagesm)");
        }
        else{
            $userDataQuery = $connection-
>prepare("UPDATE user_data SET description=:desc, image=:image, image_sm=:imagesm
 WHERE user_id=:id");
        }

        $userDataQuery->bindParam(':id', $user_id, PDO::PARAM_INT);
        $userDataQuery->bindParam(':desc', $text, PDO::PARAM_STR, 200);
        $userDataQuery->bindParam(':image', $name, PDO::PARAM_STR, 999);
        $userDataQuery->bindParam(':imagesm', $nameSm, PDO::PARAM_STR, 999);
        $userDataQuery->execute();

        if(count($categ_in) != 0){
            $delete_categ = "DELETE FROM user_categories WHERE user_id=$user_id";
            $connection->exec($delete_categ);
        }

        foreach($categories as $el){
            $categ_query = "INSERT INTO user_categories (user_id, category_id) VA
LUES ($user_id, $el)";
            $connection->exec($categ_query);
        }

        $_SESSION['changes'] = 'yes';

        header("Location: ../../index.php?page=account");
    }
    else{
        $_SESSION['errors'] = $errors;

        header("Location: ../../index.php?page=account");
    }
}
```

add_big_image.php

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

if(isset($_POST['submit'])){
    $description = $_POST['description'];
    $image_name = $_FILES['image']['name'];
    $tmp_name = $_FILES['image']['tmp_name'];
    $size = $_FILES['image']['size'];
    $path = "../../assets/images/$image_name";

    if($size < 2000000){
        move_uploaded_file($tmp_name, $path);

        $query = "INSERT INTO images_entry (src, alt) VALUES ('assets/images/$ima
ge_name', '$description')";
        $connection->exec($query);
    }
}

header("Location: ../../index.php?page=admin");
```

add_category.php

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

if(isset($_POST['submit'])){
    $category = $_POST['category'];

    $query = "INSERT INTO categories (category) VALUES ('$category')";
    $connection->exec($query);
}

header("Location: ../../index.php?page=admin");
```

add_event.php

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

if(isset($_POST['submit'])){
    $name = $_POST['event_name'];
    $description = $_POST['event_description'];

    $query = "INSERT INTO events (event_name, event_description) VALUES ('$name',
 '$description')";
    $connection->exec($query);
}

header("Location: ../../index.php?page=admin");
```

change_category.php

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

if(isset($_POST['submit'])){
    $id = $_POST['id'];
    $categ = $_POST['category'];

    $query = "UPDATE categories SET category = '$categ' WHERE id=$id";
    $connection->exec($query);
}

header("Location: ../../index.php?page=admin");
```

change_nav_item

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

if(isset($_POST['submit'])){
    $id = $_POST['id'];
    $name = $_POST['name'];
    $href = $_POST['href'];
    $parent = $_POST['parent'];
    $level = $_POST['level'];
    $position = $_POST['position'];
    $status = $_POST['login_status'];

    $query = "UPDATE nav_elements SET name='$name', href='$href', parent=$parent,
 level=$level, position=$position, login_status=$status WHERE id_nav=$id";
    $connection->exec($query);
}

header("Location: ../../index.php?page=admin");
```

change_user.php

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

if(isset($_POST['submit'])){
    $id = $_POST['id'];
    $name = $_POST['name'];
    $href = $_POST['href'];
    $parent = $_POST['parent'];
    $level = $_POST['level'];
    $position = $_POST['position'];
    $status = $_POST['login_status'];

    $query = "UPDATE nav_elements SET name='$name', href='$href', parent=$parent,
 level=$level, position=$position, login_status=$status WHERE id_nav=$id";
    $connection->exec($query);
}

header("Location: ../../index.php?page=admin");
```

delete.php

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

$id = $_GET['id'];
$table = $_GET['table'];

$array = ['users', 'categories', 'images_entry', 'events', 'nav_elements'];

if(isset($_GET['id']) && in_array($_GET['table'], $array)){
    $query = "DELETE FROM $table WHERE id=$id";
    $connection->exec($query);
}

header("Location: ../../index.php?page=admin");
```

export_log.php

```php
<?php
require_once "../../config/connection.php";
require_once '../../vendor/autoload.php';

$file = fopen("../../data/log.txt", "r");

if($file){
    $file_array = file("../../data/log.txt");

    $file_data = [];
    foreach($file_array as $el){
        array_push($file_data, explode("\t", $el));
    }
}

use PhpOffice\PhpSpreadsheet\Spreadsheet;
use PhpOffice\PhpSpreadsheet\Writer\Xlsx;

$spreadsheet = new Spreadsheet();
$sheet = $spreadsheet->getActiveSheet();

$sheet->getColumnDimension('A')->setWidth(100);
$sheet->getColumnDimension('B')->setWidth(50);
$sheet->getColumnDimension('C')->setWidth(70);

$sheet->setCellValue("A1", "Page");
$sheet->setCellValue("B1", "Time");
$sheet->setCellValue("C1", "IP Address");

$row = 2;
foreach($file_data as $el){
    $sheet->setCellValue("A$row", $el[0]);
    $sheet->setCellValue("B$row", $el[1]);
    $sheet->setCellValue("C$row", $el[2]);
    $row++;
}

header("Content-type: application/vnd.ms-excel");
header("Content-Disposition: attachment;Filename=posts.xls");

$writer = new Xlsx($spreadsheet);
$writer->save('php://output');
```

users_data.php

```
<?php

$file = fopen("data/log.txt", "r");

if($file){
    $file_array = file("data/log.txt");

    $file_data = [];
    foreach($file_array as $el){
        array_push($file_data, explode("\t", $el));
    }

    $all_pages = [];
    foreach($file_data as $el){
        if(!in_array($el[0], $all_pages)){
            array_push($all_pages, $el[0]);
        }
    }

    $time_now = time();
    $time_yesterday = $time_now - (60 * 60 *24);
    $page_entries = [];
    foreach($all_pages as $page){
        $count = 0;
        foreach($file_data as $el){
            $entry_time = DateTime::createFromFormat('d.m.Y H:i:s', $el[1])-
>getTimestamp();

            if($page == $el[0] && $entry_time >= $time_yesterday && $entry_time <
= $time_now){
                $count++;
            }
        }
        array_push($page_entries, [$page, $count]);
    }

    $page_entries_all = [];
    foreach($all_pages as $page){
        $count = 0;
        foreach($file_data as $el){
            if($page == $el[0]){
                $count++;
            }
```

```
        }
        array_push($page_entries_all, [$page, $count]);
    }

    $total_entries = 0;
    foreach($page_entries as $el){
        $total_entries += $el[1];
    }

    fclose($file);
}
```

word.php

```php
<?php
require_once "../../config/connection.php";
require_once '../../vendor/autoload.php';

$phpWord = new \PhpOffice\PhpWord\PhpWord();

$section = $phpWord->addSection();

$query = "SELECT * FROM author";
$data = executeQuery($query);

$string = "";
foreach($data as $el){
    $section->addText($el->desc);
}

$section->addText($string);

header("Content-type: application/vnd.ms-word");
header("Content-Disposition: attachment;Filename=author.doc");

$objWriter = \PhpOffice\PhpWord\IOFactory::createWriter($phpWord, 'Word2007');
$objWriter->save('php://output');
```

grades.php

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

if(isset($_POST['sendGrade'])){
    $grade = $_POST['sendGrade'];
    $user = $_POST['sendUserId'];
    $speaker = $_POST['sendSpeakerId'];

    $userAlreadyGraded = "SELECT * FROM user_grades WHERE grader_id=$user AND use
r_id=$speaker";
    $isGraded = executeQuery($userAlreadyGraded);

    if(count($isGraded) == 0){
        $query = "INSERT INTO user_grades (user_id, grader_id, grade) VALUES ($sp
eaker, $user, $grade)";
        $connection->exec($query);
    }
    else{
        $query = "UPDATE user_grades SET grade=$grade WHERE user_id=$speaker AND
grader_id=$user";
        $connection->exec($query);
    }
}
```

login.php

```php
<?php
session_start();

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

    $_SESSION['errors'] = [];

    $email = $_POST['email'];
    $pass = $_POST['pass'];

    $regexEmail = "/^\w+([\.-]?\w+)*@\w+([\.-]?\w+)*(\.\w{2,3})+$/";
    $regexPass = "/^(?=.*\d)(?=.*[a-z])(?=.*[A-Z]).{6,20}$/";

    $errors = [];

    if(!preg_match($regexEmail, $email)) array_push($errors, "Invalid email forma
t.");
    if(!preg_match($regexPass, $pass)) array_push($errors, "Invalid password form
at.");

    $pass = md5($pass);
    $query = "SELECT id, role, status, name, last_name, email FROM users WHERE em
ail='$email' AND password='$pass'";
    $user = executeQuery($query);

    if(count($user) != 1) array_push($errors, "USER WITH THIS EMAIL OR PASSWORD N
OT FOUND.");

    if(count($errors) == 0){
        if(count($user) == 1){
            $id = $user[0]->id;
            $role = $user[0]->role;
            $status = $user[0]->status;
            $sessionEmail = $user[0]->email;
            $sessionName = $user[0]->name;
            $sessionLName = $user[0]->last_name;

            $_SESSION['userId'] = $id;
            $_SESSION['userRole'] = $role;
            $_SESSION['userStatus'] = $status;
            $_SESSION['userEmail'] = $sessionEmail;
            $_SESSION['userName'] = $sessionName;
```

```
            $_SESSION['userLName'] = $sessionLName;

            $online_check = executeQuery("SELECT * FROM online WHERE user_id=$id"
);
            $time = time();

            if(count($online_check) == 0){
                $online_query = "INSERT INTO online (user_id, time) VALUES ($id,
$time)";
                $connection->exec($online_query);
            }
            else{
                $online_query = "UPDATE online SET time=$time WHERE user_id=$id";
                $connection->exec($online_query);
            }

            header("Location: ../../index.php");
        }
    }
    else{
        $_SESSION['errors'] = $errors;

        header("Location: ../../index.php?page=login");
    }
}
```

logout.php

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

$id = $_SESSION['userId'];
$online_query = "DELETE FROM online WHERE user_id=$id";
$connection->exec($online_query);

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

register.php

```php
<?php
session_start();

if(isset($_POST['sub_register'])){
    require_once "../../config/connection.php";

    $_SESSION['errors'] = [];

    $name = $_POST['name'];
    $lname = $_POST['lname'];
    $email = $_POST['email'];
    $pass = $_POST['pass'];
    $rpass = $_POST['rpass'];

    $errors = [];

    $regexName = "/^[a-zA-Z]+((['. -][a-zA-Z ])?[a-zA-Z]*)*$/";
    $regexEmail = "/^\w+([\.-]?\w+)*@\w+([\.-]?\w+)*(\.\w{2,3})+$/";
    $regexPass = "/^(?=.*\d)(?=.*[a-z])(?=.*[A-Z]).{6,20}$/";

    if(!preg_match($regexName, $name)) array_push($errors, "Invalid name format."
);
    if(!preg_match($regexName, $lname)) array_push($errors, "Invalid last name fo
rmat.");
    if(!preg_match($regexEmail, $email)) array_push($errors, "Invalid email forma
t.");

    $emailQuery = "SELECT * FROM users WHERE email='$email'";
    $emailAlreadyExists = executeQuery($emailQuery);
    $emailAlreadyExists = count($emailAlreadyExists);

    if($emailAlreadyExists >= 1) array_push($errors, "There is an account already
 registered to this email.");
    if(!preg_match($regexPass, $pass)) array_push($errors, "Password must include
 at least one uppercase, lowercase and a digit,and must be between 6 and 20 chara
cters.");
    if($pass != $rpass) array_push($errors, "Passwords do not match.");

    if(count($errors) == 0){
        $pass = md5($pass);
        $rand = rand(111111111111111, 999999999999999);
        $rand = md5($rand);
```

```
        $registerQuery = "INSERT INTO users (name, last_name, email, password, ro
le, status, rand_password) VALUES ('$name', '$lname', '$email', '$pass', 0, 0, '$
rand')";

        $connection->exec($registerQuery);

        $subject = 'Account activation for Speakers.';
        $message = '
            Thank you for becoming a member of Speakers community.
            To activate your account click here: http://localhost:8080/speakers/m
odels/register/verify.php?email='.$email.'&rand='.$rand;

        mail($email, $subject, $message, 'From: nemanja.srb1234@gmail.com');

        header("Location: ../../index.php?page=registerSuccess");
    }
    else{
        $_SESSION['errors'] = $errors;

        header("Location: ../../index.php?page=register");
    }
}
```

verify.php

```php
<?php

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

if(isset($_GET['email']) && !empty($_GET['email']) && isset($_GET['rand']) && !em
pty($_GET['rand'])){
    $email = $_GET['email'];
    $rand = $_GET['rand'];

    $query = "SELECT email, rand_password, status FROM users WHERE email='$email'
 AND rand_password='$rand' AND status=0";
    $returned = executeQuery($query);

    if(count($returned) > 0){
        $updateQuery = "UPDATE users SET status=1 WHERE email='$email' AND rand_p
assword='$rand' AND status=0";
        $connection->exec($updateQuery);

        header("Location: ../../index.php?page=verify&error=");
    }
    else{
        header("Location: ../../index.php?page=verify&error=yes");
    }
}
else{
    header("Location: ../../index.php?page=verify&error=yes");
}
```

filter_speakers.php

```php
<?php

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

$stars = $_POST['stars'];
$categories = $_POST['categ'];

$query_categories = "SELECT c.category, uc.user_id AS id FROM categories AS c INN
ER JOIN user_categories AS uc ON c.id = uc.category_id";
$query_grades = "SELECT ROUND(AVG(grade)) AS grade, u.id AS id FROM users AS u IN
NER JOIN user_grades AS ug ON u.id = ug.user_id GROUP BY u.id";

// FILTERING BY GRADES (STARS)
if(count($stars) > 1){
    $query_grades .= " HAVING grade > 0 ";
    if(in_array(5, $stars)){
        $query_grades .= "AND grade = 5 ";
    }
    if(in_array(4, $stars)){
        if(in_array(5, $stars)) $query_grades .= "OR grade = 4 ";
        else $query_grades .= "AND grade = 4 ";
    }
    if(in_array(3, $stars)){
        if(in_array(5, $stars) || in_array(4, $stars)) $query_grades .= "OR grade
 = 3 ";
        else $query_grades .= "AND grade = 3 ";
    }
    if(in_array(2, $stars)){
        if(in_array(5, $stars) || in_array(4, $stars) || in_array(3, $stars)) $qu
ery_grades .= "OR grade = 2 ";
        else $query_grades .= "AND grade = 2 ";
    }
    if(in_array(1, $stars)){
        if(in_array(5, $stars) || in_array(4, $stars) || in_array(3, $stars) || i
n_array(2, $stars)) $query_grades .= "OR grade = 1 ";
        else $query_grades .= "AND grade = 1 ";
    }
}
if(count($stars) == 1){
    $query_grades = "SELECT AVG(grade) AS grade, u.id AS id FROM users AS u INNER
 JOIN user_grades AS ug ON u.id = ug.user_id GROUP BY u.id";
}
```

```
// FILTERING CATEGORIES
if(count($categories) > 1){
    $switch = 0;
    for($i = 1; $i < count($categories); $i++){
        if($switch == 0){
            $query_categories .= " WHERE c.id = ".$categories[$i];
            $switch = 1;
        }
        else{
            $query_categories .= " OR c.id = ".$categories[$i];
        }
    }
}

$users = get_all_users();
$categories = executeQuery($query_categories);
$grades = executeQuery($query_grades);

if(count($stars) > 1){
    $user = [];
    foreach($users as $el){
        foreach($grades as $grade){
            if($el->id == $grade->id){
                array_push($user, $el);
            }
        }
    }
}
else{
    $user = $users;
}

// USERS WITH SELECTED CATEGORIES
$users_by_categ = [];
foreach($categories as $el){
    if(!in_array($el->id, $users_by_categ)){
        array_push($users_by_categ, $el->id);
    }
}

$users_to_return = [];
foreach($user as $el){
    if(in_array($el->id, $users_by_categ)){
        array_push($users_to_return, $el);
```

```
    }
}
$user = $users_to_return;
$categories = get_all_categories();


$json = json_encode([
    "user" => $user,
    "categories" => $categories,
    "grades" => $grades
]);
echo $json;
// header("Content-type: application/json");
```

speakers/functions.php

```php
<?php

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

function get_all_users(){
    return executeQuery("SELECT u.id, u.name, u.last_name, u.email, ud.descriptio
n, ud.image_sm FROM users AS u INNER JOIN user_data AS ud ON u.id = ud.user_id OR
DER BY id DESC");
}

function get_all_categories(){
    return executeQuery("SELECT c.id, c.category, uc.user_id FROM categories AS c
 INNER JOIN user_categories AS uc ON c.id = uc.category_id");
}

function get_all_grades(){
    return executeQuery("SELECT AVG(grade) AS grade, u.id AS id FROM users AS u I
NNER JOIN user_grades AS ug ON u.id = ug.user_id GROUP BY u.id");
}
```

search_users.php

```php
<?php

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

if(isset($_POST['input'])){
    $input = strtolower($_POST['input']);

    $user = executeQuery("SELECT u.id, u.name, u.last_name, u.email, ud.descripti
on, ud.image, ud.image_sm FROM users AS u INNER JOIN user_data AS ud ON u.id = ud
.user_id WHERE LOWER(CONCAT(u.name, ' ', u.last_name)) LIKE '%$input%'");
    $categories = get_all_categories();
    $grades = get_all_grades();

    $json = json_encode([
        "user" => $user,
        "categories" => $categories,
        "grades" => $grades
    ]);
    echo $json;
    // header("Content-type: application/json");
}
```

show_all_speakers.php

```php
<?php

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

$user = get_all_users();
$categories = get_all_categories();
$grades = get_all_grades();

$json = json_encode([
    "user" => $user,
    "categories" => $categories,
    "grades" => $grades
]);
echo $json;
// header("Content-type: application/json");
```

functions.php

```php
<?php

function show_nav_elements($parent){
    $childrenQuery = "SELECT * FROM nav_elements WHERE parent=$parent";
    $childrenArray = executeQuery($childrenQuery);
    foreach($childrenArray as $child):
        if(check_for_children($child->id_nav)){
            echo '<li class="has-children">';
        }
        else{
            echo '<li>';
        }
        ?>
        <a href="<?= $child->href ?>" class="nav-link"><?= $child->name ?></a>
        <?php
            if(check_for_children($child->id_nav)){
                echo '<ul class="dropdown">';
                show_nav_elements($child->id_nav);
                echo '</ul>';
            }
        ?>

        <?php
        echo "</li>";
    endforeach;
}

function check_for_children($parentId){
    $childrenQuery = "SELECT * FROM nav_elements WHERE parent=$parentId";
    $childrenArray = executeQuery($childrenQuery);

    if(count($childrenArray) > 0){
        return true;
    }
    else{
        return false;
    }
}

function show_errors_array($array){

    foreach($array as $el):
    ?>
```

```
        <p class="text-danger"><?= $el ?></p>
    <?php
    endforeach;
}
```

ASSETS/JS:

checks.js

```
//SWITCHES
var switchName = 0;
var switchLName = 1;
var switchEmail = 2;
var switchPass = 3;
var switchRepeatPass = 4;

var switchLoginMail = 0;
var switchLoginPass = 1;

var switchAboutYou = 0;

var switchArray = [false, false, false, false, false];

$(document).ready(function(){

    // HIDE MESSAGES
    $(".hideThis").hide();
    // $("#login_emailR").hide();
    // $("#login_passR").hide();
    // $("#loginFormR").hide();

    // REGEX
    let regexNameAndLastName = /^[a-zA-Z]+((['',. -][a-zA-Z ])?[a-zA-Z]*)*$/;
    let regexEmail = /^\w+([\.-]?\w+)*@\w+([\.-]?\w+)*(\.\w{2,3})+$/;
    let regexPassword = /^(?=.*\d)(?=.*[a-z])(?=.*[A-Z]).{6,20}$/;
    let regexAboutText = /^[A-Za-z1-9\.\,\!\?\' ]{5,200}$/;

    // REGISTER CHECKS
    let addressName = $("#name");
    let problemName = $("#nameR");
    $("#name").blur(function(){
        regexCheck(regexNameAndLastName, addressName, problemName, switchName);
    });

    let addressLName = $("#lname");
    let problemLName = $("#lnameR");
    $("#lname").blur(function(){
```

```
        regexCheck(regexNameAndLastName, addressLName, problemLName, switchLName)
;
    });

    let addressEmail = $("#email");
    let problemEmail = $("#emailR");
    $("#email").blur(function(){
        regexCheck(regexEmail, addressEmail, problemEmail, switchEmail);
    });

    let addressPass = $("#pass");
    let problemPass = $("#passR");
    $("#pass").blur(function(){
        regexCheck(regexPassword, addressPass, problemPass, switchPass);
    });

    let addressAboutYou = $("#aboutYou");
    let problemAboutYou = $("#aboutYouR");
    $("#aboutYou").blur(function(){
        regexCheck(regexAboutText, addressAboutYou, problemAboutYou, switchAboutY
ou);
    });

    $("#rpass").blur(function(){
        let firstPassword = $("#pass").val();
        let secondPassword = $("#rpass").val();

        if(firstPassword == secondPassword){
            $("#rpassR").hide();
            switchArray[switchRepeatPass] = true;
        }
        else{
            $("#rpassR").show();
            switchArray[switchRepeatPass] = false;
        }
    });

});

// FUNCTIONS
function regexCheck(regex, address, problem, switchNum){
    addressValue = address.val();

    if(regex.test(addressValue)){
        problem.hide();
```

```
        switchArray[switchNum] = true;
    }
    else{
        problem.show();
        switchArray[switchNum] = false;
    }
}

function registerFormCheck(){
    if(switchArray[0] == true && switchArray[1] == true && switchArray[2] == true
 && switchArray[3] == true && switchArray[4] == true){
        return true;
    }
    else{
        $("#submitR").show();
        return false;
    }
}

function loginFormCheck(){
    if(switchArray[2] == true && switchArray[3] == true){
        return true;
    }
    else{
        $("#submitR").show();
        return false;
    }
}

function speakerFormCheck(){
    if(switchArray[0] == true){
        return true;
    }
    else{
        $("#aboutYouR").show();
        return false;
    }
}
```

grades.js

```
$(document).ready(function(){
    $("#gradedText").hide();

    $(".starButton").click(function(){
        let grade = $(this).val();
        let userId = $("#user_id").val();
        let speakerId = $("#speaker_id").val();

        $.ajax({
            url: "models/grades/grades.php",
            method: "POST",
            data: {
                sendGrade: grade,
                sendUserId: userId,
                sendSpeakerId: speakerId
            },
            success: function(data){
                $("#gradedText").show();
            },
            error: function(err){
                console.log(err);
            }
        });
    });
});
```

speakers.js

```
$(document).ready(function(){
    displayAllSpeakers();

    $(".cbxClass").click(function(){
        let arrayStars = [null];
        let arrayCateg = [null];

        $(".starCbx:checkbox:checked").each(function(){
            arrayStars.push($(this).val());
        });
        $(".categCbx:checkbox:checked").each(function(){
            arrayCateg.push($(this).val());
        });

        $.ajax({
            url: "models/speakers/filter_speakers.php",
            dataType: "json",
            method: "POST",
            data: {
                stars: arrayStars,
                categ: arrayCateg
            },
            success: function(data){
                displaySpeakers(data);
            },
            error: function(err){
                console.log(err);
            }
        });
    });

    $("#search").keyup(function(){
        let input = $(this).val();

        $('.cbxClass').prop('checked', false);

        $.ajax({
            url: "models/speakers/search_users.php",
            dataType: "json",
            method: "POST",
            data: {
                input: input
            },
```

```
            success: function(data){
                if(input == ""){
                    displayAllSpeakers();
                }
                else{
                    displaySpeakers(data);
                }
            },
            error: function(err){
                console.log(err);
            }
        });
    });

});

function displayAllSpeakers(){
    $.ajax({
        url: "models/speakers/show_all_speakers.php",
        dataType: "json",
        method: "POST",
        success: function(data){
            displaySpeakers(data);
        },
        error: function(err){
            console.log(err);
        }
    });
}

function displaySpeakers(data){
    let html = "";

    data.user.forEach(el => {
        let categories = data.categories.filter(ctg => ctg.user_id == el.id);
        let grades = data.grades.filter(gr => gr.id == el.id);

        grade = grades[0];
        if(grades[0] == undefined){
            grade = 0;
        }
        else{
            grade = Math.round(grade.grade);
        }
```

```
        html += `
        <div class="col-12 d-flex flex-wrap mb-5 pb-3 speakerDiv">
            <div class="col-lg-4 col-sm-12 text-center">
                <a href="index.php?page=speaker&id=${el.id}" class="h3">
                    <img src="assets/images/users/${el.image_sm}" alt="${el.name}
 ${el.last_name}" class="rounded-circle img-fluid w-50 mb-4"/>
                </a>
            </div>
            <div class="col-lg-8 col-sm-12">
                <div class="col-12">
                    <a href="index.php?page=speaker&id=${el.id}" class="h3">${el.
name} ${el.last_name}</a>
                    <p>${el.description}</p>
                </div>
                <div class="col-12 d-flex flex-wrap">
                    <div class="col-lg-10 col-sm-12">
                        <ul>`;

                        categories.forEach(ctg => {
                            html += `<li>${ctg.category}</li>`;
                        });

                        html += `</ul>
                    </div>
                    <div class="col-lg-2 col-sm-12 text-center">
                        <p><i class="fa fa-star" aria-
hidden="true"></i><br/>${grade}</p>
                    </div>
                </div>
            </div>
        </div>
        `;
    });

    $('#speakersDisplay').html(html);
}
```