DOKUMENTACIJA- PRAKTIKUM IZ WEB PROGRAMIRANJA PHP

Marijana Mitrovic 10/15

Sadrzaj:

1. Organizacija koda
2. Baza podataka
3. Stranice i opis funkcionalnosti
4. Kodovi

4.1 assets/js/
destinations/destinations.js
destinations/dest.js
user/delete.js
user/register.js
adminpage.js

4.2 config

4.3 models/author/
download_author.php

4.4 models/bookings/
book.php
get_bookings.php

4.5 models/destinations/
delete.php
export_to_excel.php
filter.php

get_destinations.php
get_one.php
insert.php
sort_by_price.php

4.6 models/experiences/
get_exp.php
share.php
4.7 models/users/
access_functions.php
delete.php
get_one.php
get_users.php
insert.php
logout.php
register.php

4.8 models/functions.php

4.9 views/fixed/
head.php
header.php
footer.php

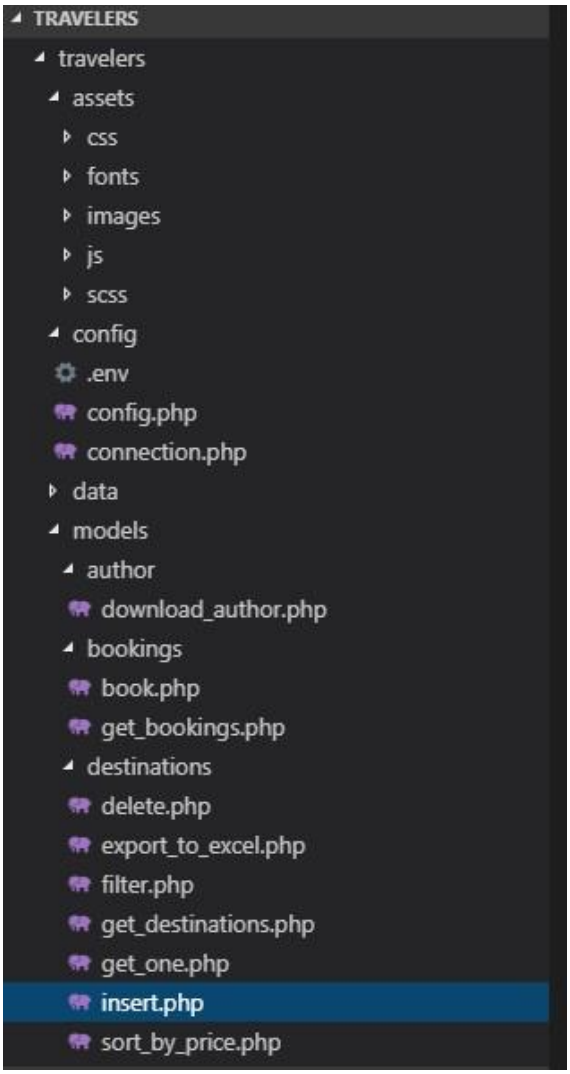
4.10 views/pages/
author.php
admin.php
user.php
home.php
destinations.php
destination.php
login.php
register.php

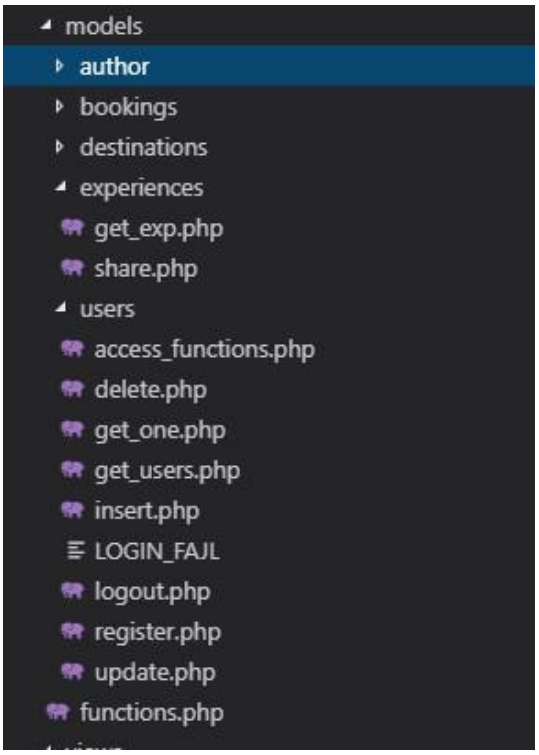
booking.php
one_destination.php
404.php

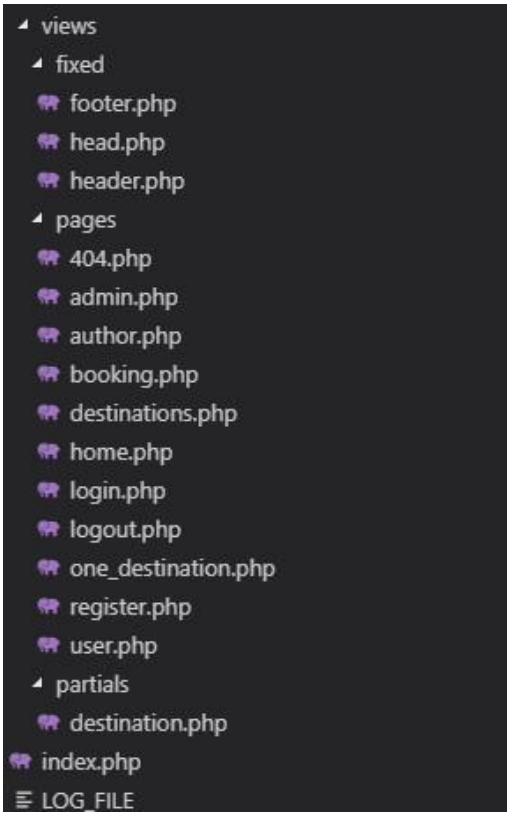
4.11 views/partials/destination.php

4.12 index.php

1. ORGANIZACIJA KODA



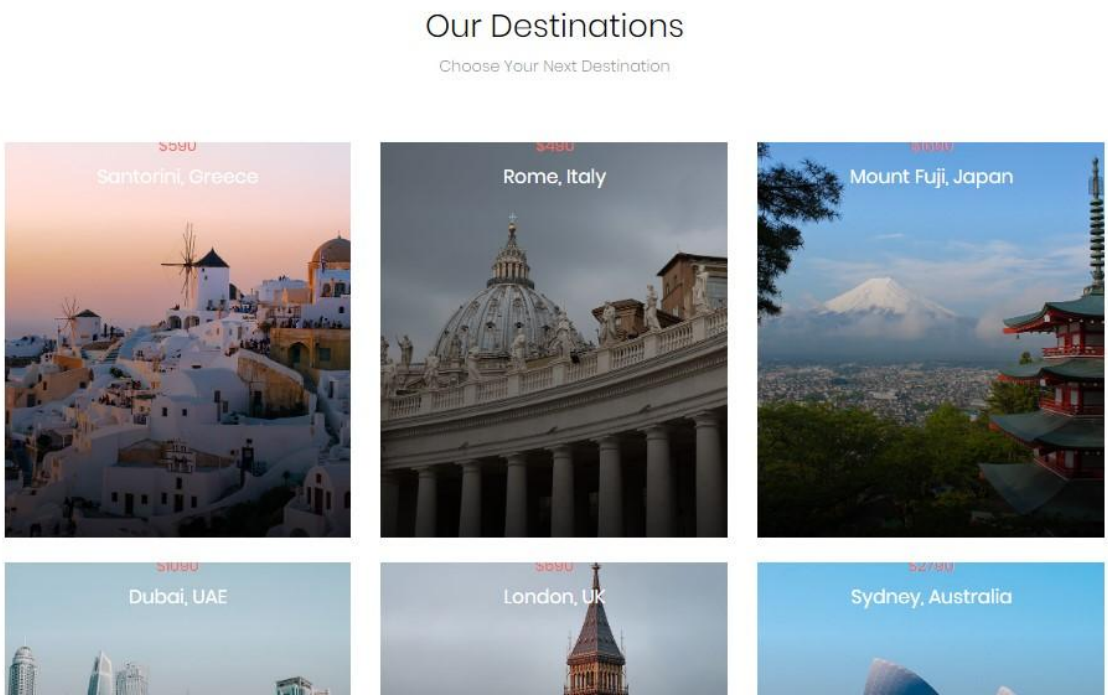

models
author
bookings
destinations
experiences
get_exp.php
share.php
users
access_functions.php
delete.php
get_one.php
get_users.php
insert.php
LOGIN_FAJL
logout.php
register.php
update.php
functions.php

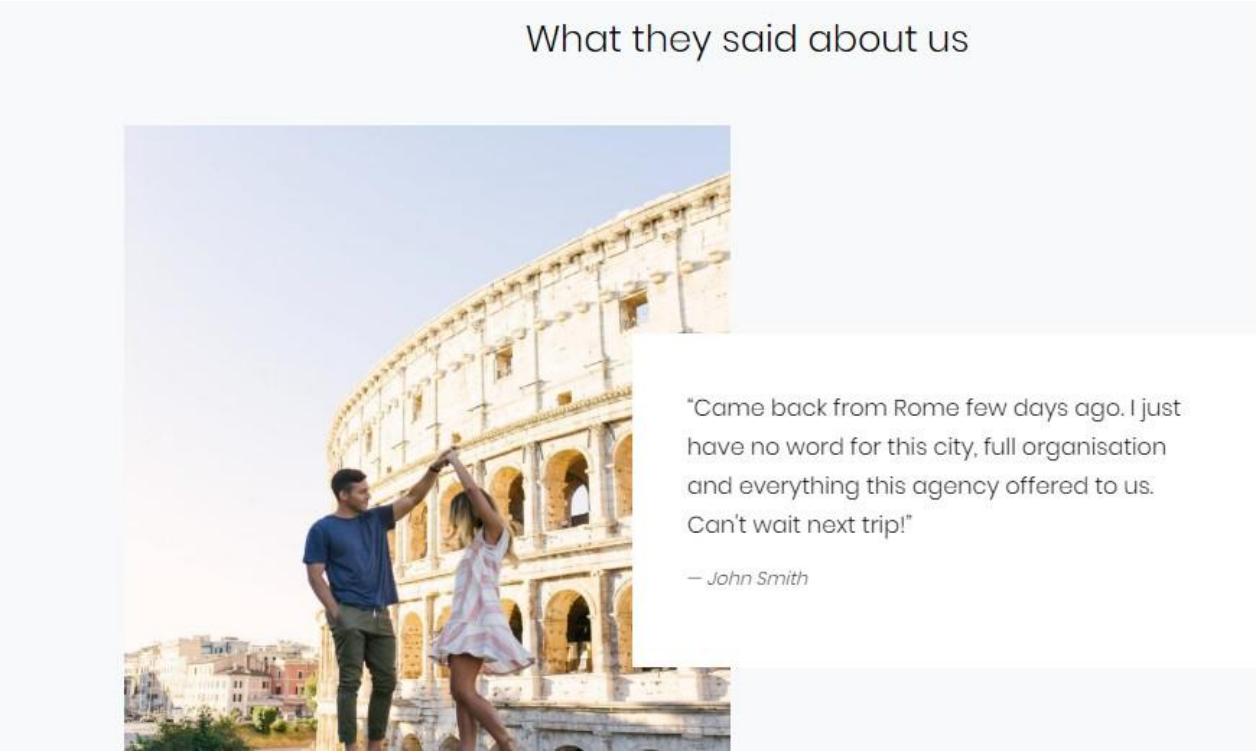

views
fixed
footer.php
head.php
header.php
pages
404.php
admin.php
author.php
booking.php
destinations.php
home.php
login.php
logout.php
one_destination.php
register.php
user.php
partials
destination.php
index.php
LOG_FILE

2. BAZA PODATAKA

	Table	Action	Rows	Type	Collation	Size	Overhead
☐	author	Browse Structure Search Insert Empty Drop	1	InnoDB	utf8_unicode_ci	16 KiB	-
☐	blog	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8_unicode_ci	16 KiB	-
☐	booking	Browse Structure Search Insert Empty Drop	2	InnoDB	utf8_unicode_ci	16 KiB	-
☐	continent	Browse Structure Search Insert Empty Drop	4	InnoDB	utf8_unicode_ci	16 KiB	-
☐	destinations	Browse Structure Search Insert Empty Drop	9	InnoDB	utf8_unicode_ci	16 KiB	-
☐	experiences	Browse Structure Search Insert Empty Drop	4	InnoDB	utf8_unicode_ci	16 KiB	-
☐	home_blocks	Browse Structure Search Insert Empty Drop	2	InnoDB	utf8_unicode_ci	16 KiB	-
☐	menu	Browse Structure Search Insert Empty Drop	3	InnoDB	utf8_unicode_ci	16 KiB	-
☐	slider	Browse Structure Search Insert Empty Drop	2	InnoDB	utf8_unicode_ci	16 KiB	-
☐	user	Browse Structure Search Insert Empty Drop	7	InnoDB	utf8_unicode_ci	16 KiB	-
☐	user_role	Browse Structure Search Insert Empty Drop	2	InnoDB	utf8_unicode_ci	16 KiB	-
	11 tables	Sum	36	InnoDB	utf8_unicode_ci	176 KiB	0 B

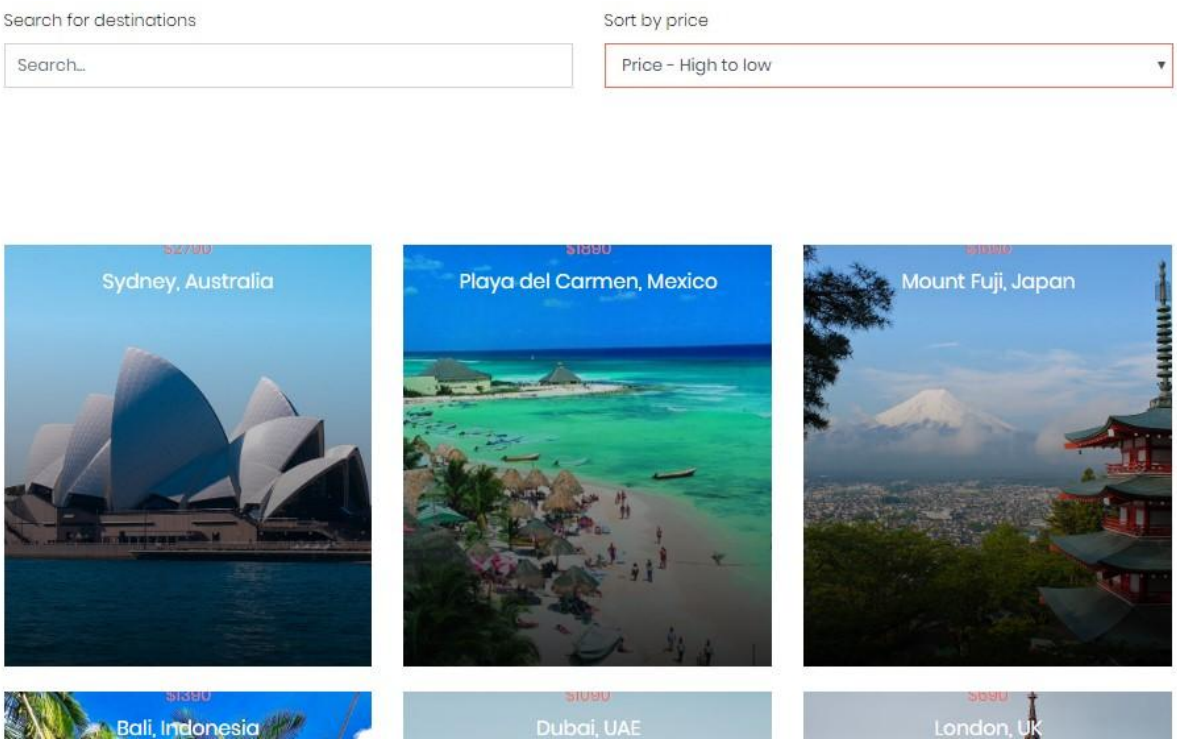
3. SLIKE I OPIS FUNKCIONALNOSTI





index.php?page=home

-Dinamički učitan meni, slajder i blokovi iz baze. Dinamički učitane destinacije koje su na akcijskoj ceni i iskustva koja su ostavili korisnici.



index.php.php?page=destinations

-Dinamicki ucitane destinacije iz baze. Serversko filtriranje prema unetom nazivu i po ceni – opadajuce ili rastuce. Klikom na neku od njih, prosledjeni ste na stranicu sa detaljima. U dnu stranice link za export informacija u excel fajl.

Mount Fuji, Japan (Asia)

Mount Fuji (富士山, Fujisan) is with 3776 meters Japan's highest mountain. It is not surprising that the nearly perfectly shaped volcano has been worshiped as a sacred mountain and experienced big popularity among artists and common people throughout the centuries. If you want to enjoy Mount Fuji at a more leisurely pace and from a nice natural surrounding, you should head to the Fuji Five Lake (Fujigoko) region at the northern foot of the mountain, or to Hakone, a nearby hot spring resort. Mount Fuji is officially open for climbing during July and August via several routes.

Price: $1690

Book now

index.php?page=one_destination

- Detalji o odredjenoj destinaciji prema prosledjenom id-u iz url adrese. Klikom na book now, ulogovan korisnik dobija opciju za booking, neautorizovani korisnici su prosledjeni na stranicu za login.

Book your trip to Mount Fuji, Japan

First Name

First Name

Last Name

Last Name

Date of Travel

Date of visit

Email

Email

How Many Person

Person

Notes

Write your notes or questions here...

Book

More Info

Before submit, read again carefully your personal data. You can't change it later. You can book for you or someone else. This is just temporary reservation, before payment.

index.php?page=booking

- Autorizovan korisnik, nakon sto je izabrao destinaciju dobija mogucnost rezervacije. Ako prethodno nije izabrao destinaciju vec direktno pristupio stranici, dobija obavestenje da prvo mora izabrati.

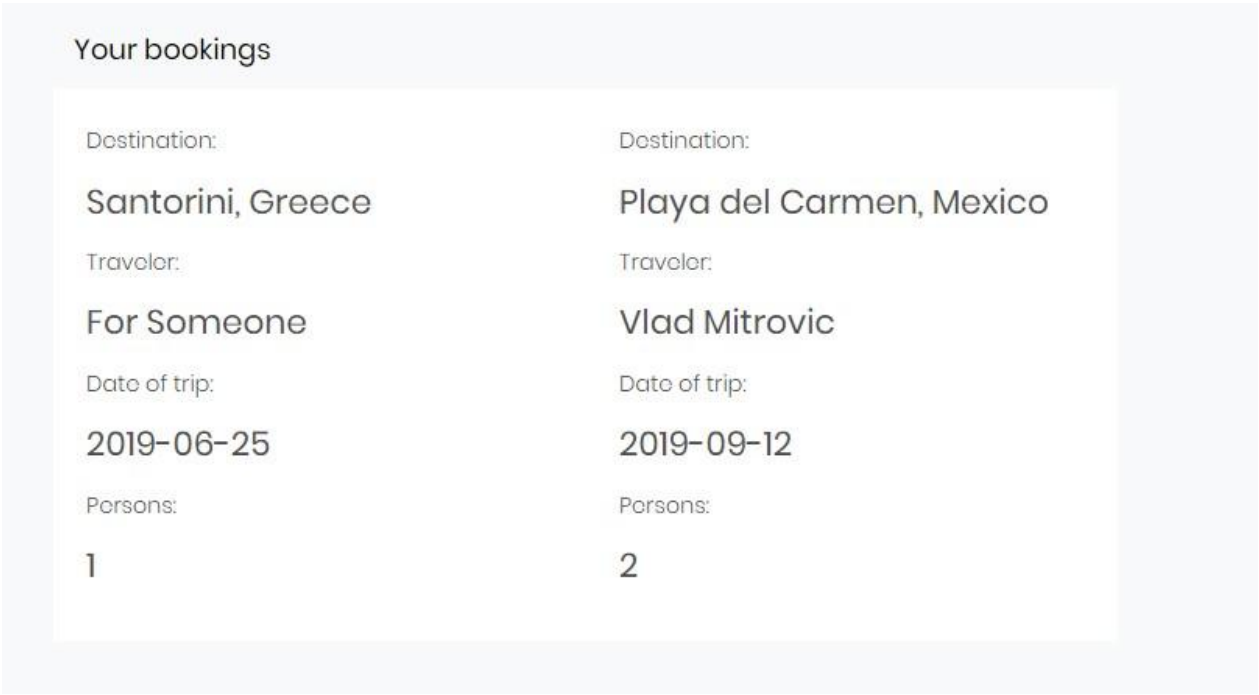
Marijana Mitrovic

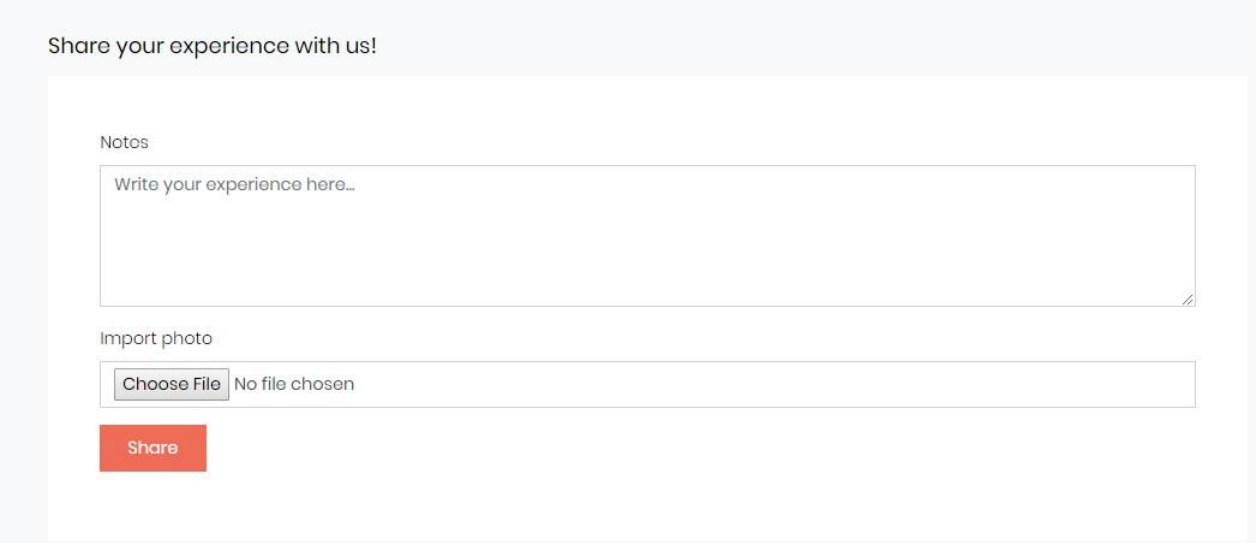
My name is Marijana Mitrovic. I was born on 12.07.1996. At the moment, I am a student of ICT Collage in Belgrade. This web site was made for Practicum PHP.

Download

index.php?page=author

-Informacije o autoru sa opcijom za download word fajla sa tim informacijama.





index.php?page=user

-Korisnik na svom nalogu ima informacije o rezervisanim putovanjima na svoje ili tudje ime, sa tog naloga. Takodje ima opciju da objavi svoje iskustvo koje ce se prikazati na pocetnoj stranici. Rad sa slikom primenjen, prikazace se slika zadatih dimenzija.

Users | Destinations | Statistics

All users

First Name	Last name	Email	Date of reg	Role	Delete
Marijana	Mitrovic	marijana1207@admin.com	2019-06-04 00:00:00	1	DELETE
Perica	Peric	perica@gmail.com	2019-06-06 18:43:50	2	DELETE
Vladimir	Mitrovic	vladimir@gmail.com	2019-06-12 15:11:45	2	DELETE
Neko	Ime	nesto@gmail.com	2019-06-12 15:24:08	2	DELETE
John	Smith	johnsmith@gmail.com	2019-06-14 00:45:31	2	DELETE
Neki	Korisnik	neko@gmail.com	2019-06-18 01:46:52	2	DELETE

Add user

First Name

First Name

Last Name

Last Name

Email

Email

Password

Password

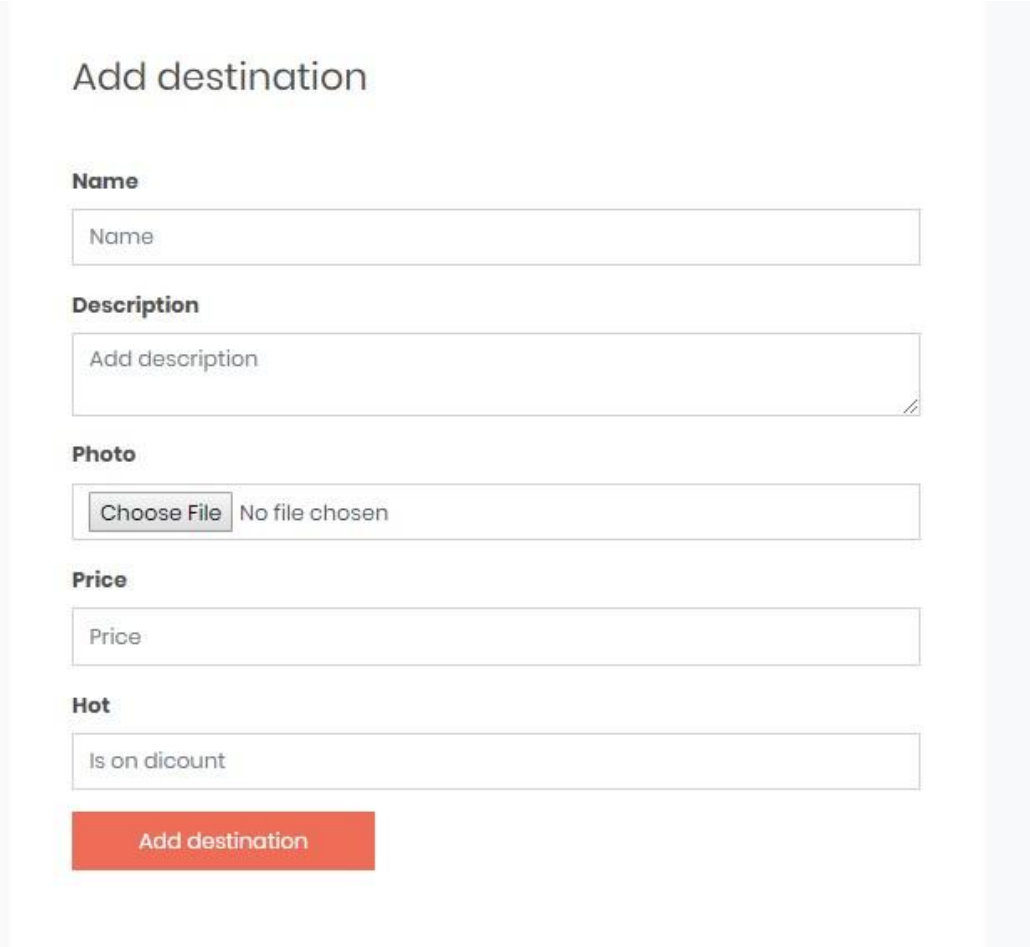
Role id

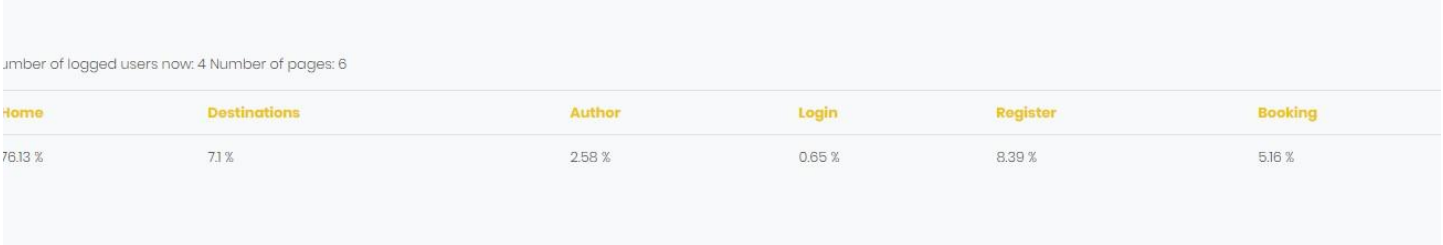
Role id

Add user

All destinations

Name	Description	Picture	Price	Hot	Delete
Santorini, Greece	Did you know that the whole complex of Santorini islands is still an active volcano (the same as Méthana, Mílos and Nísiros) and probably the only volcano in the world whose crater is in the sea? Santorini is considered to be the most sought after place for a romantic getaway in Greece, since there are not many places in the world where you can enjoy exquisitely clear waters while perched on the rim of a massive active volcano in the middle of the sea! The island has a growing reputation as a "wedding destination" for couples not only from Greece but from all over the world.	assets/images/01-greece.jpg	590	yes	DELETE





index.php?page=admin

-Administrator ima opcije dodavanja i brisanja korisnika i destinacija. Klikom na dugme za statistiku, prikazuje se broj trenutno ulogovanih korisnika, broj stranica i posecenost svake stranice u prethodnih 24h. Statistika pristupa i broj ulogovanih dobijeni iz tekstualnih fajlova. Greske obradjene i skladistene u tekstualnom fajlu.

index.php?page=login

-Opcija za logovanje korisnika i admina

index.php?page=register

- Registracija novog korisnika.

4. KODOVI

4.1 assets/js/destinations/delete.js

```
5. $(document).ready(function(){
6.     $(document).on('click', '.delete-dest', function(e){
7.         e.preventDefault();
8.         let id = $(this).data('id');
9.
10.        $.ajax({
11.            url: 'models/destinations/delete.php',
12.            method: 'GET',
13.            data: {
14.                id: id
15.            },
16.            dataType: 'json',
17.            success: function(data, status, request){
18.                console.warn('successfully');
19.            },
20.            error: showErrors
21.        })
22.    });
23.
24.    function showErrors(error, status, statusText){
25.        console.error('ERROR AJAX: ');
26.        console.log(status);
27.        console.log(statusText);
28.        if(greska.status == 500){
29.            console.log(error.parseJSON);
30.            alert(error.parseJSON.message);
31.        }
32.        else if(error.status == 400){
33.            alert('Inserted data is incorrect')
34.        }
35.    }
36.    });
37.
```

destinations/dest.js

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

    $("#destination").keydown(function(){
        let destination = $(this).val();

        $.ajax({
            url: "models/destinations/filter.php",
            method: "POST",
            data: {
                destination: destination
            },
            dataType: 'json',
            success: function(data){
                console.log(data);
                showDestinations(data);
            },
            error: function(error){
                console.log(error);
                console.log("ovde je greska");
            }
        })
    });


        $("#sort").change(function(){
            let sort = $(this).val();

            $.ajax({
                url: "models/destinations/sort_by_price.php",
                method: "POST",
                data: {
                    sort: sort
                },
                dataType: 'json',
                success: function(data){
                    console.log(data);
                    showDestinations(data);
                },
                error: function(error){
                    console.log(error);
                    console.log("Greska ajax");
                }
            })
```

```
        });

    });


    function showDestinations(data){
        let html="";
        for(let d of data){
            html+=`<div class="col-md-6 col-lg-4 mb-4 mb-lg-4">
            <a href="index.php?page=destination&id=${d.id}" class="unit-1 text-
center">
              <img src="${d.picture}" alt="Image" class="img-fluid">
              <div class="unit-1-text">
                <strong class="text-primary mb-2 d-block">$${d.price}</strong>
                <h3 class="unit-1-heading">${d.name}</h3>
              </div>
            </a>
          </div>`;
        }
        $("#prikaz").html(html);
    }
```

users/delete.js

```
$(document).ready(function(){
$(document).on('click', '.delete-user', function(e){
    e.preventDefault();
    let id = $(this).data('id');

    $.ajax({
        url: 'models/users/delete.php',
        method: 'GET',
        data: {
            id: id
        },
        dataType: 'json',
        success: function(data, status, request){
            console.warn('successfully');
        },
        error: showErrors
    })
```

```
});

function showErrors(error, status, statusText){
    console.error('ERROR AJAX: ');
    console.log(status);
    console.log(statusText);
    if(greska.status == 500){
        console.log(error.parseJSON);
        alert(error.parseJSON.message);
    }
    else if(error.status == 400){
        alert('Inserted data is incorrect')
    }
}
});
```

users/register.js

```
$(document).ready(function () {
    $("#btnRegister").click(function (event) {
        event.preventDefault();
        console.log("dugme radi");
    var arrayOk = [];
    var arrayNotOk = [];
    var firstName = document.querySelector("#tbFirstName").value;
    var reName = /^[A-Z][a-z]{2,14}(\s[A-Z][a-z]{2,14})*$/;
    var flag = true;
    if (!reName.test(firstName)) {
    document.querySelector("#tbFirstName").style.border = "1px solid red";
    arrayNotOk.push("First name is not ok");
    flag = false;
    }
    else if (firstName===""){
        document.querySelector("#tbFirstName").style.border = "1px solid red";
    }
    else {
    document.querySelector("#tbFirstName").style.border = "1px solid #ccc";
    }
    var lastName = document.querySelector("#tbLastName").value;
    if (!reName.test(lastName)) {
    document.querySelector("#tbLastName").style.border = "1px solid red";
    arrayNotOk.push("Last name is not ok");
```

```
    flag = false;
    }
    else if (lastName===""){
        document.querySelector("#tbLastName").style.border = "1px solid red";
    }
    else {
    document.querySelector("#tbLastName").style.border = "1px solid #ccc";
    }
    var email = document.querySelector("#tbEmail").value;
    var reEmail = /^[A-Za-z-_.]{2,15}@[A-Za-z._-]{2,10}\.[a-z]{2,5}$/;
    if (!reEmail.test(email)) {
    document.querySelector("#tbEmail").style.border = "1px solid red";
    arrayNotOk.push("Email is not ok");
    flag = false;
    }
    else if (email===""){
        document.querySelector("#tbEmail").style.border = "1px solid red";
    }
    else {
    document.querySelector("#tbEmail").style.border = "1px solid #ccc";
    }
    var pass = document.querySelector("#tbLozinka").value;
    var rePassword = /^[\S]{2,50}$/;
    if (!rePassword.test(pass)) {
    document.querySelector("#tbLozinka").style.border = "1px solid red";
    arrayNotOk.push("Password is not ok");
    flag = false;
    }
    else if (pass===""){
        document.querySelector("#tbLozinka").style.border = "1px solid red";
    }
    else {
    document.querySelector("#tbLozinka").style.border = "1px solid #ccc";
    }
    if (!flag) {
    return flag;
    }



    $.ajax({
    method: "POST",
    url: "models/users/register.php",
    data: {
```

```
    btnRegister: true,
    tbFirstName: firstName,
    tbLastName: lastName,
    tbEmail: email,
    tbLozinka: pass
    },
    success: function (podaci) {
    alert(podaci);
    },
    error: function (xhr, statusTxt, error) {
    var status = xhr.status;
    switch (status) {
    case 500:
    alert("Greska na serveru. Trenutno nije moguce uneti korisnika.");
    break;
    case 404:
    alert("Stranica nije pronadjena.");
    break;
    default:
    alert("Greska: " + status + " - " + statusTxt);
    break;
    }
    }
    });
    });
    });
```

assets/js/adminpage.js

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

    $("#users").hide();
    $("#btnUsers").click(function(e){
        e.preventDefault();
   if($("#users").is(':visible')){
            $("#users").hide();

        } else {
            $("#users").show();


        }
    });
```

```
    $("#dest").hide();
    $("#btnDest").click(function(e){
        e.preventDefault();
   if($("#dest").is(':visible')){
            $("#dest").hide();

        } else {
            $("#dest").show();


        }
    });

    $("#statistics").hide();
    $("#btnShow").click(function(e){
        e.preventDefault();
   if($("#statistics").is(':visible')){
            $("#statistics").hide();

        } else {
            $("#statistics").show();


        }
    });




});
```

4.2 config

config.php

```
<?php

define("ABSOLUTE_PATH", $_SERVER["DOCUMENT_ROOT"]."/travelers/travelers");
```

```php
define("ENV_FAJL", ABSOLUTE_PATH."/config/.env");
define("LOG_FAJL", ABSOLUTE_PATH."/data/log.txt");
define("LOGIN_FAJL", ABSOLUTE_PATH."/data/log_users.txt");
define("ERRORS_FAJL", ABSOLUTE_PATH."/data/errors.txt");


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

function env($naziv){
    $podaci = file(ENV_FAJL);
    $vrednost = "";
    foreach($podaci as $key=>$value){
        $konfig = explode("=", $value);
        if($konfig[0]==$naziv){
            $vrednost = trim($konfig[1]);
        }
    }
    return $vrednost;
}
```

connection.php

```php
<?php

require_once "config.php";



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

function executeQuery($query){
    global $conn;
```

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

function listOfAccess(){
    @ $open = fopen(LOG_FAJL, "a");
    if($open){
    $date = date('d-m-Y H:i:s');
    @ fwrite($open,
   "{$_SERVER['REQUEST_URI']}\t{$date}\t{$_SERVER['REMOTE_ADDR']}\t\n");
    @ fclose($open);
    }

}

function errorsList($error){
    @$open=fopen(ERRORS_FAJL,"a");
    $insert=$error."\t".date('d-m-Y H:i:s')."\n";
    @fwrite($open,$insert);
    @fclose($open);
   }
```

4.3 models/author download_author.php

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

$authors=getAuthor();
$author=$authors[0];
var_dump($author);

$wordApp=new COM("Word.Application");
$wordApp->Visible = true;

$wordApp->Documents->Add();
$wordApp->Selection->TypeText("$author->name \n $author->last_name \n $author-
>bio");
var_dump($word_app->Selection);
$wordApp->Documents[1]->SaveAs("Author.doc");
```

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

4.4 models/bookings/ book.php

```
<?php
session_start();



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



    $fname=$_POST['bookName'];
    $lname=$_POST['bookLname'];
    $dateBook=strtotime($_POST['begDate']);
    $email=$_POST['bookEmail'];
    $person=$_POST['bookPerson'];
    $note=$_POST['bookNote'];
    $destBook=$_POST['bookDest'];
    $user=$_SESSION['user']->id;




    $errors=[];

    if(empty($fname)){
        $errors[]="First name can not be empty.";
        echo ("This field can not be empty!");
    }

    if(empty($lname)){
        $errors[]="Last name can not be empty.";
        echo ("This field can not be empty!");
    }
    if(empty($dateBook)){
        $errors[]="Date can not be empty.";
        echo ("This field can not be empty!");
    }
    if(empty($email)){
```

```
        $errors[]="Email can not be empty.";
        echo ("This field can not be empty!");
    }
    if(empty($person)){
        $errors[]="Person field can not be empty.";
        echo ("This field can not be empty!");
    }


    if(count($errors) > 0){

        echo "<ol>";

        foreach($errors as $error){
            echo "<li> $error </li>";
        }

        echo "</ol>";
    }
    else {


try{



        $insert_book = $conn->prepare("INSERT INTO booking VALUES ('', ?, ?, ?,
?, ?, ?,?,?)");

        $insert_book->bindValue(1, $fname);
        $insert_book->bindValue(2, $lname);


        $start_date=date("Y-m-d", $dateBook);

        $insert_book->bindValue(3, $start_date);
        $insert_book->bindValue(4, $person);
        $insert_book->bindValue(5, $destBook);
        $insert_book->bindValue(6, $user);
        $insert_book->bindValue(7,$note);
        $insert_book->bindValue(8,$email);

        $result = $insert_book->execute();
```

```
            if($result){
                echo "You have booked trip successfully!";
                header("Location: ../../index.php?page=user");

            } else {
                echo "Error with booking!";
                header("Location: ../../index.php?page=booking");
            }
        }
        catch(PDOException $e){
            echo $e->getMessage();
            echo "Problem with booking!";
            errorsList($e->getMessage());
            header("Location: ../../index.php?page=booking");
        }}
    }
  ?>
```

get_bookings.php

```
<?php


function getUsersBookings(){
    global $conn;
    try{
        $usr_id=$_SESSION['user']->id;
        $select = $conn->prepare("SELECT *, u.id AS id_user, d.name AS dest_name
FROM booking b INNER JOIN user u ON b.user_id=u.id INNER JOIN destinations d ON
b.destination_id=d.id WHERE u.id = :usr_id");
        $select->bindParam(":usr_id", $usr_id);
        $select->execute();

        return $select->fetchAll();

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

4.5 models/destinations/ delete.php

```php
<?php

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

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

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

    try {
        $result->execute();
        http_response_code(204);
    }
    catch(PDOException $ex){
        echo json_encode(['message'=> 'Problem with database ' . $ex-
>getMessage()]);
        errorsList($ex->getMessage());
        http_response_code(500);

    }
} else {
    http_response_code(400);
}
```

export_to_excel.php

```php
<?php

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

$destinations = getDestinations();
```

```php
$excel = new COM("Excel.Application");
$excel->Visible = 1;
$workbook = $excel->Workbooks->Add();

$sheet = $workbook->Worksheets("Sheet1");
$sheet->activate;

$br = 1;
foreach($destinations as $dest){
    $field = $sheet->Range("A{$br}");
    $field->activate;
    $field->value = $dest->dest_id;

    $field = $sheet->Range("B{$br}");
    $field->activate;
    $field->value = $dest->name;

    $field = $sheet->Range("C{$br}");
    $field->activate;
    $field->value = $dest->description;

    $field = $sheet->Range("D{$br}");
    $field->activate;
    $field->value = $dest->price;

    $br++;
}

$workbook->_SaveAs("destinations_offer.xlsx", -4143);
$workbook->Save();
```

filter.php

```php
<?php
header("Content-Type: application/json");
include "../../config/connection.php";


if(isset($_POST['destination'])){
    $destination="%".strtolower($_POST['destination'])."%";
```

```
    $query="SELECT * FROM destinations d WHERE LOWER(d.name) LIKE :destination";

    $res=$conn->prepare($query);
    $res->bindParam(":destination", $destination);
    $res->execute();

    $destinations = $res->fetchAll();
    echo json_encode($destinations);

} else {
    http_response_code(400);
}
```

get_destinations.php

```
<?php


function getHomeDestinations(){
    return executeQuery("SELECT *, d.id AS dest_id FROM destinations d WHERE
hot='yes' LIMIT 6");
}

function get_one_dest($dest_id){
    global $conn;
    try{
       $select_dest=$conn->prepare("SELECT *, d.id AS dest_id FROM destinations d
INNER JOIN continent c ON d.continent_id=c.id WHERE d.id=?");
       $select_dest->execute([$dest_id]);
       $destination=$select_dest->fetch();

       return $destination;

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

```
function getDestinations(){
    return executeQuery("SELECT *, d.id AS dest_id FROM destinations d INNER JOIN
continent c ON d.continent_id=c.id ");
}



?>
```

get_one.php

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

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

    $id = $_GET['id'];

    $result = $conn->prepare("SELECT * FROM destinations WHERE id = ?");

    $result->bindValue(1, $id);

    try {
        $result->execute();
        $user = $result->fetch();
        echo json_encode($destination);
    }
    catch(PDOException $ex){
        echo json_encode(['Message', 'Problem with database: ' . $ex-
>getMessage()]);
        errorsList($ex->getMessage());
        http_response_code(500);
    }
} else {
    http_response_code(400);
}
```

insert.php

```
<?php

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

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


        $destination_name = trim($_POST['dName']);
        $description = trim($_POST['dDesc']);

        $price = $_POST['dPrice'];
        $hot= $_POST['dHot'];

        $photo_name = $_FILES['dImg']['name'];
        $photo_tmpLocation = $_FILES['dImg']['tmp_name'];
        $photo_type = $_FILES['dImg']['type'];
        $photo_size = $_FILES['dImg']['size'];


        $errors=[];

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

        if(!in_array($photo_type, $allowed_types)){
            array_push($errors, "This type of file is not allowed.");
        }
        if($photo_size > 5000000){
            array_push($errors, "Max size of photo is 5MB.");
        }

        if(empty($destination_name)){
            $errors[]="Text field can not be empty.";
            echo ("This field can not be empty!");
        }
        if(empty($description)){
            $errors[]="Text field can not be empty.";
            echo ("This field can not be empty!");
        }
        if(empty($price)){
            $errors[]="Text field can not be empty.";
            echo ("This field can not be empty!");
        }

        if(count($errors) > 0){
        echo "<ol>";
                foreach($errors as $error){
```

```
                echo "<li> $error </li>";
            }
            echo "</ol>";
        }
        else {

            list($width, $height) = getimagesize($photo_tmpLocation);

            $existingImage = null;
            switch($photo_type){
                case 'image/jpeg':
                    $existingImage = imagecreatefromjpeg($photo_tmpLocation);
                    break;
                case 'image/png':
                    $existingImage = imagecreatefrompng($photo_tmpLocation);
                    break;
            }

            $newWidth=700;
            $newHeight=800;

            $newImage = imagecreatetruecolor($newWidth, $newHeight);
            imagecopyresampled($newImage, $existingImage, 0, 0, 0, 0, $newWidth,
$newHeight, $width, $height);

            $name = time().$photo_name;
            $newImagePath = 'assets/images/destinations/new_'.$name;

            switch($photo_type){
                case 'image/jpeg':
                    imagejpeg($newImage, '../../'.$newImagePath);
                    break;
                case 'image/png':
                    imagepng($newImage, '../../'.$newImagePath);
                    break;
            }

            $originalImagePath = 'assets/images/destinations/'.$name;

            if(move_uploaded_file($photo_tmpLocation,
'../../'.$originalImagePath)){
                echo "Photo is uploaded on server";
```

```
    try {
        $result = $conn->prepare("INSERT INTO destinations VALUES ('', ?, ?, ?,
?,'', ?)");
        $result->bindValue(1, $destination_name);
        $result->bindValue(2, $description);
        $result->bindValue(3, $newImagePath);
        $result->bindValue(4, $price);
        $result->bindValue(5, $hot);
        $r=$result->execute();

        if($r){
            echo "Destination inserted successfully!";
            header("Location: ../../index.php?page=admin");

        } else {
            echo "Error!";
            header("Location: ../../index.php?page=admin");
        }
    }
    catch(PDOException $e){
        echo $e->getMessage();
        echo "Problem with adding destination!";
        errorsList($e->getMessage());
        header("Location: ../../index.php?page=admin");
    }}}}
```

sort_by_price.php

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

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

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


    $query = "SELECT * FROM destinations d";

    switch($sort){
        case 1:
            $query .= " ORDER BY d.price ASC";
```

```
            break;
        case 2:
            $query .= " ORDER BY d.price DESC";
            break;
    }

    $res = executeQuery($query);
    echo json_encode($res);
} else {
    http_response_code(400);
    echo json_encode(["error"=> "greska u sort"]);
}
```

4.6 models/experiences/

get_exp.php

```
<?php

function getExperiences(){
    return executeQuery("SELECT * FROM experiences e INNER JOIN user u ON
e.user_id=u.id");
}
```

share.php

```
<?php
session_start();



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

    $experience=$_POST['taExp'];
    $user=$_SESSION['user']->id;

    $photo_name = $_FILES['photo']['name'];
    $photo_tmpLocation = $_FILES['photo']['tmp_name'];
    $photo_type = $_FILES['photo']['type'];
    $photo_size = $_FILES['photo']['size'];
```

```
    $errors=[];

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

    if(!in_array($photo_type, $allowed_types)){
        array_push($errors, "This type of file is not allowed.");
    }
    if($photo_size > 5000000){
        array_push($errors, "Max size of photo is 5MB.");
    }

    if(empty($experience)){
        $errors[]="Text field can not be empty.";
        echo ("This field can not be empty!");
    }

    if(count($errors) > 0){
    echo "<ol>";
            foreach($errors as $error){
            echo "<li> $error </li>";
        }
        echo "</ol>";
    }
    else {

        list($width, $height) = getimagesize($photo_tmpLocation);

        $existingImage = null;
        switch($photo_type){
            case 'image/jpeg':
                $existingImage = imagecreatefromjpeg($photo_tmpLocation);
                break;
            case 'image/png':
                $existingImage = imagecreatefrompng($photo_tmpLocation);
                break;
        }

        $newWidth=700;
        $newHeight=800;

        $newImage = imagecreatetruecolor($newWidth, $newHeight);
        imagecopyresampled($newImage, $existingImage, 0, 0, 0, 0, $newWidth,
$newHeight, $width, $height);
```

```
        $name = time().$photo_name;
        $newImagePath = 'assets/images/experiences/new_'.$name;

        switch($photo_type){
            case 'image/jpeg':
                imagejpeg($newImage, '../../'.$newImagePath);
                break;
            case 'image/png':
                imagepng($newImage, '../../'.$newImagePath);
                break;
        }

        $originalImagePath = 'assets/images/experiences/'.$name;

        if(move_uploaded_file($photo_tmpLocation, '../../'.$originalImagePath)){
            echo "Photo is uploaded on server";

try{



        $insert_exp = $conn->prepare("INSERT INTO experiences VALUES ('', ?, ?,
?,?)");

        $insert_exp->bindValue(1, $experience);
        $insert_exp->bindValue(2, $newImagePath);
        $insert_exp->bindValue(3, $user);
        $insert_exp->bindValue(4, $originalImagePath);


        $result = $insert_exp->execute();

            if($result){
                echo "You have shared your experience successfully!";
                header("Location: ../../index.php?page=home");

            } else {
                echo "Error with sharing!";
                header("Location: ../../index.php?page=user");
            }
        }
        catch(PDOException $e){
            echo $e->getMessage();
```

```
            echo "Problem with sharing!";
            errorsList($e->getMessage());
            header("Location: ../../index.php?page=user");
        }}}
    }
  ?>
```

4.7 models/users/ access_functions.php

```
<?php
function allPages(){
 return
    ["Home","Destinations","Author","Login","Register","Booking"];
 }
 function accessPercentage(){
 $array=[];
 $count=0;
 $home=0;
 $destinations=0;
 $author=0;
 $login=0;
 $register=0;
 $booking=0;

 $oneDayAgo=strtotime("1 day ago");

 @$file=file("data/log.txt");
 if(count($file)){
 foreach($file as $i){
 $part=explode("\t",$i);
 $url=explode(".php",$part[0]);
 $page=explode("&",$url[1]);

 if(strtotime($part[1])>=$oneDayAgo)
         switch($page[0]){
          case "":$home++;$count++;;break;
          case "?page=home":$home++;$ukupno++;;break;
          case "?page=destinations":$destinations++;$count++;;break;
          case "?page=author":$author++;$count++;;break;
```

```
        case "?page=register":$register++;$count++;;break;
        case "?page=login":$login++;$count++;;break;
        case "?page=booking":$booking++;$count++;;break;

      default:$home++;$count++;;break;
      }
      }
      }
    if($count>0){
 $array[]=round($home*100/$count,2);
 $array[]=round($destinations*100/$count,2);
 $array[]=round($author*100/$count,2);
 $array[]=round($register*100/$count,2);
 $array[]=round($login*100/$count,2);
 $array[]=round($booking*100/$count,2);
}

    return $array;
 }


    function getLogin($id){
     @$open=fopen(LOGIN_FAJL,"a");
     $insert=$id."\n";

  @fwrite($open,$insert);
  @fclose($open);
     }



function numberOfLoged(){
    return count(file(LOGIN_FAJL));
 }

 function unsetLogin($id){
  $id=(int)$id;
  $insert="";
  @$file=file(LOGIN_FAJL);
  if(count($file)){
  foreach($file as $i){
  $iId=trim((int)$i);
  if($iId!=$id){
  $insert.=$iId."\n";
   }
```

```
       }
        }
      @$open=fopen(LOGIN_FAJL,"w");
      @fwrite($open,$insert);
      @fclose($open);
      }
```

delete.php

```
<?php

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

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

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

    try {
        $result->execute();
        http_response_code(204);
    }
    catch(PDOException $ex){
        echo json_encode(['message'=> 'Problem with database ' . $ex-
>getMessage()]);
        errorsList($ex->getMessage());
        http_response_code(500);
    }
} else {
    http_response_code(400);
}
```

get_one.php

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

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

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

    $result = $conn->prepare("SELECT * FROM user WHERE id = ?");

    $result->bindValue(1, $id);

    try {
        $result->execute();
        $user = $result->fetch();
        echo json_encode($user);
    }
    catch(PDOException $ex){
        echo json_encode(['Message', 'Problem with database: ' . $ex-
>getMessage()]);
        errorsList($ex->getMessage());
        http_response_code(500);
    }
} else {
    http_response_code(400);
}
```

get_users.php

```
<?php

function getUsers(){
return executeQuery("SELECT * FROM user");
}
```

insert.php

```
<?php

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

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


        $first_name = trim($_POST['tbAddName']);
        $last_name = trim($_POST['tbAddLast']);
        $email = trim($_POST['tbAddEmail']);
```

```
        $pass = $_POST['tbAddLozinka'];
        $role= $_POST['tbRole'];
        $reg_date = date("Y-m-d H:i:s");

        $errors=[];
        if(empty($first_name)){
            $errors[]="Text field can not be empty.";
            echo ("This field can not be empty!");
        }
        if(empty($last_name)){
            $errors[]="Text field can not be empty.";
            echo ("This field can not be empty!");
        }
        if(empty($email)){
            $errors[]="Text field can not be empty.";
            echo ("This field can not be empty!");
        }
        if(empty($pass)){
            $errors[]="Text field can not be empty.";
            echo ("This field can not be empty!");
        }
        if(empty($role)){
            $errors[]="Text field can not be empty.";
            echo ("This field can not be empty!");
        }

        if(count($errors) > 0){
            echo "<ol>";
                    foreach($errors as $error){
                    echo "<li> $error </li>";
                }
                echo "</ol>";
            }
            else {



        $pass=md5($pass);




        $result = $conn->prepare("INSERT INTO user VALUES ('', ?, ?, ?, ?, ?,
?)");
```

```php
    try {

        $result->bindValue(1, $first_name);
        $result->bindValue(2, $last_name);
        $result->bindValue(3, $email);
        $result->bindValue(4, $pass);
        $result->bindValue(5, $reg_date);
        $result->bindValue(6, $role);
        $r=$result->execute();

        if($r){
            echo "User inserted successfully!";
            header("Location: ../../index.php?page=admin");

        } else {
            echo "Error!";
            header("Location: ../../index.php?page=admin");
        }
    }
    catch(PDOException $e){
        echo "Problem with adding user!";
        errorsList($e->getMessage());
        header("Location: ../../index.php?page=admin");
    }}}
```

logout.php

```php
<?php
session_start();
include("access_functions.php");
 unsetLogin($_SESSION['user']->id);
unset($_SESSION['user']);
header("Location: ../../index.php?page=home");
?>
```

register.php

```php
<?php


if(isset($_POST['btnRegister'])){
```

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

    $first_name = trim($_POST['tbFirstName']);
    $last_name = trim($_POST['tbLastName']);
    $email = trim($_POST['tbEmail']);
    $password=trim($_POST['tbLozinka']);

    $errors = [];

    $reName = "/^[A-Z][a-z]{2,20}$/";
    $rePass = "/^[\S]{5,32}$/";



    if(!preg_match($reName, $first_name)){
        $errors[] = "Name is not ok";
    }

    if(!filter_var($email, FILTER_VALIDATE_EMAIL)){
        $errors[] = "Email is not ok";
    }

    if(!preg_match($rePass, $password)){
        $errors[] = "Password is not ok.";
    }

    if(count($errors) > 0){

        echo "<ol>";

        foreach($errors as $error){
            echo "<li> $error </li>";
        }

        echo "</ol>";
    }
    else {


try{

        $password = md5($password);
```

```
        $insert_user = $conn->prepare("INSERT INTO user VALUES ('', ?, ?, ?, ?,
?, 2)");

        $insert_user->bindValue(1, $first_name);
        $insert_user->bindValue(2, $last_name);
        $insert_user->bindValue(3, $email);
        $insert_user->bindValue(4, $password);

        $reg_date = date("Y-m-d H:i:s");

        $insert_user->bindValue(5, $reg_date);

        $result = $insert_user->execute();

            if($result){
                header("Location: ../../index.php?page=home");
                echo "Registration successfully!";

            } else {
                header("Location: ../../index.php?page=register");
                echo "Error with registration!";
            }
        }
        catch(PDOException $e){
            echo $e->getMessage();
            echo "Problem with registration!";
            errorsList($e->getMessage());
            header("Location: ../../index.php?page=register");
        }
    }
}  ?>
```

4.8 models/functions.php

```
<?php

function getMenu(){
    return executeQuery("SELECT * FROM menu");
}

function getSlider(){
    return executeQuery("SELECT * FROM slider");
}
```

```php
function getBlock(){
    return executeQuery("SELECT * FROM home_blocks");
}

function getContinents(){
    return executeQuery("SELECT * FROM continent");
}

function getAuthor(){
    return executeQuery("SELECT * FROM author");
}




?>
```

4.8 views/fixed head.php

```php
<!DOCTYPE html>
<html lang="en">
  <head>
    <title>
    <?php

  if(isset($_GET['page'])){
    switch($_GET['page'])
    {
      case 'home':
     echo "Welcome to site with cheapest deals for holiday!";
     break;
     case 'destinations':
     echo "Find your perfect destination!";
     break;
     case 'blog':
     echo "Read the newest interesting informations from travel world.";
     break;
     default:
     echo "Travelers - travel the whole world with us!";
     break;
```

```
    }}
      ?>
      </title>

    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-
to-fit=no">
    <meta name="robots" content="all,follow">
    <meta name="googlebot" content="index,follow,snippet,archive">
    <meta name="author" content="mailto:marijana.mitrovic242@gmail.com" />
    <meta name="keywords" content="travel, destination, cheap, vacation, holiday,
Europe, Asia, Rome, Paris, Santorini" />
    <meta name="description" content="Find cheapest deals for your ideal
holiday!" />
    <meta name="copyright" content="Marijana Mitrovic @ 2019" />
    <meta name="language" content="english" />

    <link rel="shortcut icon" type="image/png" href="assets/images/favicon.png"/>

    <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Poppins:200,300,400,700,900|Display
+Playfair:200,300,400,700">
    <link rel="stylesheet" href="assets/fonts/icomoon/style.css">

    <link rel="stylesheet" href="assets/css/bootstrap.min.css">
    <link rel="stylesheet" href="assets/css/magnific-popup.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/bootstrap-datepicker.css">

    <link rel="stylesheet" href="assets/fonts/flaticon/font/flaticon.css">

    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/mediaelement@4.2.7/build/mediaelementplayer.mi
n.css">


    <link rel="stylesheet" href="assets/css/aos.css">

    <link rel="stylesheet" href="assets/css/style.css">
    <link rel="stylesheet" href="assets/css/my.css">
```

```
  </head>
```

header.php

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

  <div class="site-wrap">

    <div class="site-mobile-menu">
      <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 py-1" role="banner">

      <div class="container">
        <div class="row align-items-center">

          <div class="col-6 col-xl-2">
            <h1 class="mb-0"><a href="index.html" class="text-black h2 mb-
0">Travelers</a></h1>
          </div>
          <div class="col-10 col-md-8 d-none d-xl-block">
            <nav class="site-navigation position-relative text-right text-lg-
center" role="navigation">

            <ul class="site-menu js-clone-nav mx-auto d-none d-lg-block">

            <?php

           $menus=getMenu();

           foreach ($menus as $menu): ?>
           <li> <a href="<?=$menu->path?>" ><?=$menu->title?> </li>
```

```
            <?php endforeach; ?>


             <?php if(isset($_SESSION['user']) && $_SESSION['user']-
>role_id==="1"): ?>
             <li><a href="index.php?page=admin"> Admin </a></li>
<?php endif;?>
<?php if(isset($_SESSION['user']) && $_SESSION['user']->role_id==="2"): ?>
             <li><a href="index.php?page=user"> User account </a></li>
<?php endif;?>

              </ul>
            </nav>
          </div>

          <div class="col-6 col-xl-2 text-right">
            <div class="d-none d-xl-inline-block">
              <ul class="site-menu js-clone-nav ml-auto list-unstyled d-flex
text-right mb-0" data-class="social">
                <li>
                  <a href="#" class="pl-0 pr-3 text-black"><span class="icon-
tripadvisor"></span></a>
                </li>
                <li>
                  <a href="#" class="pl-3 pr-3 text-black"><span class="icon-
facebook"></span></a>
                </li>
                <li>
                  <a href="#" class="pl-3 pr-3 text-black"><span class="icon-
instagram"></span></a>
                </li>
                <?php if(isset($_SESSION['user'])):?>
                      <li><a href="models/users/logout.php">LOGOUT</a></li>
                 <?php else: ?>
                  <li><a href="index.php?page=login">LOGIN</a></li>

             <?php endif;?>

              </ul>
            </div>

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

```
          </div>

        </div>
      </div>

    </header>
```

footer.php

```
<footer class="site-footer">
      <div class="container">
        <div class="row">
          <div class="col-lg-6">
            <div class="mb-5">
              <h3 class="footer-heading mb-4">About Travelers</h3>
              <p>Find cheapest deals for your future trips... Discover nature and
urban cities with us, everything you want - we make and organize for you!</p>
              <h3 class="footer-heading mb-4"><a
href="data/documentation.pdf">Documentation</a></h3>
            </div>
          </div>


          <div class="col-lg-6 mb-5 mb-lg-0">



              <p class="mb-0 font-weight-bold">Address</p>
              <p class="mb-4">203 Fake St. Mountain View, San Francisco,
California, USA</p>

              <p class="mb-0 font-weight-bold">Phone</p>
              <p class="mb-4"><a href="#">+1 232 3235 324</a></p>

              <p class="mb-0 font-weight-bold">Email Address</p>
              <p class="mb-0"><a href="#">authormail@domain.com</a></p>




          </div>
```

```
        </div>
        <div class="row pt-5 mt-5 text-center">
          <div class="col-md-12">
            <div class="mb-5">
              <a href="#" class="pl-0 pr-3"><span class="icon-
facebook"></span></a>
              <a href="#" class="pl-3 pr-3"><span class="icon-
twitter"></span></a>
              <a href="#" class="pl-3 pr-3"><span class="icon-
instagram"></span></a>
              <a href="#" class="pl-3 pr-3"><span class="icon-
linkedin"></span></a>
            </div>

            <p>
            <!-- Link back to Colorlib can't be removed. Template is licensed
under CC BY 3.0. -->
            Copyright &copy;<script>document.write(new
Date().getFullYear());</script> All rights reserved | This template is made with
<i class="icon-heart-o" aria-hidden="true"></i> by <a href="https://colorlib.com"
target="_blank" >Colorlib</a>
            <!-- Link back to Colorlib can't be removed. Template is licensed
under CC BY 3.0. -->
            </p>
          </div>

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

  <script src="assets/js/jquery-3.3.1.min.js"></script>
  <script src="assets/js/jquery-migrate-3.0.1.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.stellar.min.js"></script>
  <script src="assets/js/jquery.countdown.min.js"></script>
  <script src="assets/js/jquery.magnific-popup.min.js"></script>
  <script src="assets/js/bootstrap-datepicker.min.js"></script>
  <script src="assets/js/aos.js"></script>
  <script src="assets/js/user/register.js"></script>
```

```
  <script src="assets/js/main.js"></script>
  <script src="assets/js/destinations/dest.js"></script>
  <script src="assets/js/adminpage.js"></script>
  <!--<script src="assets/js/user/update_insert.js"></script>-->
  <script src="assets/js/user/delete.js"></script>
  <script src="assets/js/destinations/delete.js"></script>
 <!-- <script src="assets/js/destinations/update_insert.js"></script>-->


  </body>
</html>
```

4.9 views/pages

author.php

```
<?php   listOfAccess(); ?>
<div class="container">
          <div class="row align-items-center justify-content-center text-center">

            <div class="col-md-8" data-aos="fade-up" data-aos-delay="400">
              <h1 class="text-white font-weight-light">About author</h1>
            </div>
          </div>
        </div>
      </div>
<?php
require_once "models/functions.php";

$aut=getAuthor();
foreach($aut as $author): ?>


    <div class="site-section" data-aos="fade-up">
      <div class="container">
        <div class="row align-items-center">
          <div class="col-md-6 mb-5 mb-md-0">
            <img src="<?=$author->photo?>" alt="Image" class="img-fluid rounded">
          </div>
          <div class="col-md-6 pl-md-5">
```

```
            <h2 class="font-weight-light text-black mb-4"><?=$author-
>name?> <?=$author->last_name?></h2>
            <p><?=$author->bio?></p>
            <h2 class="font-size-regular"><a
href="models/author/download_author.php">Download</a></h2>


          </div>
        </div>

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

admin.php

```
<?php if(isset($_SESSION['user']) && $_SESSION['user']->role_id==="1"): ?>

<div class="site-section bg-light">
      <div class="container">
      <h3 class="h5 text-black mb-3">Manage: Click on button to manage categories
of site </h3>
      <div class="row">
            <input type="button" value="Users" id="btnUsers" name="btnUsers"
class="btn btn-primary pill text-white px-5 py-2">
            <br/>
            <input type="button" value="Destinations" id="btnDest" name="btnDest"
class="btn btn-primary pill text-white px-5 py-2">
            <br/>
            <input type="button" value="Statistics" id="btnShow" name="btnShow"
class="btn btn-primary pill text-white px-5 py-2">

</div>


<br/>
<div class="row" id="users">

<!-- LIST OF USERS AND DELETE OPTION -->

    <div class="col-md-12 col-lg-8 mb-5 bg-white" id="listUsers">
        <br/>
        <br/>
```

```
        <h3 class="mb-5">All users</h2>
        <br/>
    <table class='table'>
<thead>
<tr>
<th scope='col'>First Name</th>
<th scope='col'>Last name</th>
<th scope='col'>Email</th>
<th scope='col'>Date of reg</th>
<th scope='col'>Role</th>
<th scope='col'>Delete</th>

</tr>
</thead>
<tbody>
<?php
include "models/users/get_users.php";
$users=getUsers();

            foreach($users as $user): ?>

<tr>
<td><?= $user->first_name ?> </td>
<td><?= $user->last_name?></td>
<td><?= $user->email?></td>
<td><?= $user->reg_date?></td>
<td><?= $user->role_id ?> </td>
<td> <a href='#' class='delete-user' data-id='<?= $user->id?>'>DELETE</a></td>

</tr>
<?php endforeach; ?>

</tbody>
</table>
</div>



<!-- FORM FOR ADD NEW USER -->
          <div class="col-md-12 col-lg-8 mb-5" id="addUpdateUser">
       <form  method="POST" action="models/users/insert.php"class="p-5 bg-white"
enctype="multipart/form-data">
            <h3 class="mb-5" >Add user</h2>
```

```
            <input type="hidden" id="hdnId" name="id" value=""/>

            <div class="row form-group">
                <div class="col-md-12 mb-3 mb-md-0">
                  <label class="font-weight-bold" for="name">First Name</label>
                  <input type="text" id="tbAddName" name="tbAddName" class="form-
control" placeholder="First Name">
                </div>
              </div>

              <div class="row form-group">
                <div class="col-md-12 mb-3 mb-md-0">
                  <label class="font-weight-bold" for="name">Last Name</label>
                  <input type="text" id="tbAddLast" name="tbAddLast" class="form-
control" placeholder="Last Name">
                </div>
              </div>

              <div class="row form-group">
                <div class="col-md-12 mb-3 mb-md-0">
                  <label class="font-weight-bold" for="email">Email</label>
                  <input type="text" id="tbAddEmail" name="tbAddEmail"
class="form-control" placeholder="Email">
                </div>
              </div>
              <div class="row form-group">
                <div class="col-md-12">
                  <label class="font-weight-bold" for="email">Password</label>
                  <input type="password" id="tbAddLozinka" name="tbAddLozinka"
class="form-control" placeholder="Password">
                </div>
              </div>
              <div class="row form-group">
                <div class="col-md-12">
                  <label class="font-weight-bold" for="email">Role id</label>
                  <input type="text" id="tbRole" name="tbRole" class="form-
control" placeholder="Role id">
                </div>
              </div>

              <div class="row form-group">
                <div class="col-md-12">
                  <input type="submit" value="Add user" id="btnAddUser"
name="btnAddUser" class="btn btn-primary pill text-white px-5 py-2">
```

```
                </div>
                <br/>
                <br/>

              </div>


            </form>


          </div>




</div>
<br/>

<div class="row" id="dest">


<div class="col-md-12 col-lg-8 mb-5 bg-white" id="listDest">
        <br/>
        <br/>
        <h3 class="mb-5">All destinations</h2>
        <br/>
    <table class='table'>
<thead>
<tr>
<th scope='col'> Name</th>
<th scope='col'>Description</th>
<th scope='col'>Picture</th>
<th scope='col'>Price</th>
<th scope='col'>Hot</th>
<th scope='col'>Delete</th>

</tr>
</thead>
<tbody>
<?php
include "models/destinations/get_destinations.php";
$destinations=getDestinations();

            foreach($destinations as $d): ?>
```

```
<tr>
<td><?= $d->name ?> </td>
<td><?= $d->description?></td>
<td><?= $d->picture?></td>
<td><?= $d->price?></td>
<td><?= $d->hot ?> </td>
<td> <a href='#' class='delete-dest' data-id='<?= $d->dest_id?>'>DELETE</a></td>
</tr>
<?php endforeach; ?>

</tbody>
</table>
</div>



<!-- FORM FOR ADD NEW USER -->
          <div class="col-md-12 col-lg-8 mb-5" id="addUpdateDest">
       <form  method="POST" action="models/destinations/insert.php"class="p-5 bg-
white" enctype="multipart/form-data">
            <h3 class="mb-5" >Add destination</h2>

            <input type="hidden" id="hiddenId" />

            <div class="row form-group">
                <div class="col-md-12 mb-3 mb-md-0">
                  <label class="font-weight-bold" for="name">Name</label>
                  <input type="text" id="dName" name="dName" class="form-control"
placeholder="Name">
                </div>
              </div>

              <div class="row form-group">
                <div class="col-md-12 mb-3 mb-md-0">
                  <label class="font-weight-bold" for="name">Description</label>
                  <textarea id="dDesc" name="dDesc" class="form-control"
placeholder="Add description"></textarea>
                </div>
              </div>

              <div class="row form-group">
                  <div class="col-md-12 mb-3 mb-md-0">
                      <label class="font-weight-bold" for="name">Photo</label>
```

```
                    <input type="file" id="dImg" name="dImg" class="form-
control" placeholder="Choose Image">
            </div>
              </div>
              <div class="row form-group">
                <div class="col-md-12">
                  <label class="font-weight-bold" for="email">Price</label>
                  <input type="text" id="dPrice" name="dPrice" class="form-
control" placeholder="Price">
                </div>
              </div>
              <div class="row form-group">
                <div class="col-md-12">
                  <label class="font-weight-bold" for="email">Hot</label>
                  <input type="text" id="dHot" name="dHot" class="form-control"
placeholder="Is on dicount">
                </div>
              </div>

              <div class="row form-group">
                <div class="col-md-12">
                  <input type="submit" value="Add destination" id="btnAddDest"
name="btnAddDest" class="btn btn-primary pill text-white px-5 py-2">
                </div>
                <br/>
                <br/>

              </div>


            </form>


          </div>




</div>
<br/>


</div>
<br/>
<div class="row" id="statistics">
```

```php
<?php
include "models/users/access_functions.php";

   $pages=allPages();
   $br=count($pages);
   $acces=accessPercentage();
   $log=numberOfLoged();
  ?>
<p> Number of logged users now: <?=$log ?> </p>
<br/>
<p> </p>
<p> Number of pages: <?=$br; ?> </p>

<table class="table table-hover">

<thead class="text-warning">
<?php foreach($pages as $p): ?>
    <th><?=$p?></th>
<?php endforeach; ?>
</thead>

<tbody id="stat">

  <tr>
  <?php foreach ($acces as $a) :?>
  <td><?=$a?> % </td>
<?php endforeach; ?>
  </tr>

</tbody>
</table>

</div>

<br/>









        </div>
```

```
        </div>




<?php else: ?>
<?php header("Location: index.php?page=login"); ?>
<?php endif; ?>
```

booking.php

```
<?php if(isset($_SESSION['user']) && $_SESSION['user']->role_id==="2"):
  listOfAccess();
include "models/destinations/get_destinations.php";

?>
<div class="site-section bg-light">
      <div class="container">
        <div class="row">
          <div class="col-md-7 mb-5">



            <form action="models/bookings/book.php" method="POST" class="p-5 bg-
white">
<h2 class="font-size-regular"><?php if(isset($_GET['id'])): ?>
 <?php $destination=get_one_dest($_GET['id']);?> Book your trip to
<?=$destination->name?><?php else:?><?php  echo "You must first choose
destination!" ?><?php endif; ?> </h2>


              <div class="row form-group">
                <div class="col-md-6 mb-3 mb-md-0">
                  <label class="text-black" for="fname">First Name</label>
                  <input type="text" id="bookName" name="bookName" class="form-
control" placeholder="First Name">
                </div>
                <div class="col-md-6">
                  <label class="text-black" for="lname">Last Name</label>
                  <input type="text" id="bookLname" name="bookLname" class="form-
control" placeholder="Last Name">
                </div>
              </div>
```

```
              <div class="row form-group">
                <div class="col-md-6 mb-3 mb-md-0">
                  <label class="text-black" for="date">Date of Travel</label>
                  <input type="text" id="begDate" name="begDate" class="form-
control datepicker px-2" placeholder="Date of visit">
                </div>
                <div class="col-md-6">
                  <label class="text-black" for="email">Email</label>
                  <input type="email" id="bookEmail" name="bookEmail"class="form-
control" placeholder="Email">
                </div>
              </div>

              <div class="row form-group">
                <div class="col-md-12">

                  <input type="hidden" id="bookDest" name="bookDest" class="form-
control" placeholder="Destination" value="<?=$destination->dest_id?>">
                </div>
              </div>

              <div class="row form-group">
                <div class="col-md-12">
                  <label class="text-black" for="treatment">How Many
Person</label>
                  <input type="text" id="bookPerson" name="bookPerson"
class="form-control" placeholder="Person">
                </div>
              </div>



              <div class="row form-group">
                <div class="col-md-12">
                  <label class="text-black" for="note">Notes</label>
                  <textarea name="bookNote" id="bookNote" cols="30" rows="5"
class="form-control" placeholder="Write your notes or questions
here..."></textarea>
                </div>
              </div>

              <div class="row form-group">
                <div class="col-md-12">
```

```
                  <input type="submit" value="Book" name="btnBook" id="btnBook"
class="btn btn-primary py-2 px-4 text-white">
                </div>
              </div>


            </form>
          </div>
          <div class="col-md-5">



            <div class="p-4 mb-3 bg-white">
              <img src="assets/images/hero_bg_1.jpg" alt="Image" class="img-fluid
mb-4 rounded">
              <h3 class="h5 text-black mb-3">More Info</h3>
              <p>Before submit, read again carefully your personal data. You
can't change it later. You can book for you or someone else. This is just
temporary reservation, before payment.</p>

            </div>

          </div>
        </div>
      </div>
    </div>
<?php else: ?>
<?php header("Location: index.php?page=login"); ?>
<?php endif; ?>
```

destinations.php

```
<?php   listOfAccess(); ?>
<div class="site-blocks-cover inner-page-cover" style="background-image:
url(assets/images/hero_bg_2.jpg);" data-aos="fade" data-stellar-background-
ratio="0.5">
        <div class="container">
          <div class="row align-items-center justify-content-center text-center">

            <div class="col-md-8" data-aos="fade-up" data-aos-delay="400">
              <h1 class="text-white font-weight-light">Destinations</h1>
```

```
              <div><a href="index.php?page=home">Home</a> <span class="mx-2 text-
white">&bullet;</span> <span class="text-white">Destinations</span></div>

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


      <div class="site-section">
      <div class="container">
<div class="row form-group">
<div class="col-md-6 mb-3 mb-md-0">
<label class="text-black" for="fname">Search for destinations</label>
                  <input type="text" id="destination" name="destination"
class="form-control" placeholder="Search...">

<br/>
</div>
<div class="col-md-6">
<label class="text-black" for="fname">Sort by price</label>
                          <select id="sort" name="sort" class="form-control">
                            <option value="0">Sort</option>
                            <?php
                          $options = [
                                [
                                  "value" => 1,
                                  "text"=> "Price - Low to high"
                                ],
                                [
                                  "value" => 2,
                                  "text" => "Price - High to low"
                                ]
                              ];

                              foreach($options as $option):
                            ?>

                            <option value="<?= $option['value'] ?>">
                                <?= $option['text'] ?>
                            </option>

                            <?php endforeach; ?>
```

```
                        </select>
                            </div>


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




      <div class="container">

        <div class="row" id="prikaz" >
          <?php
          require_once "models/destinations/get_destinations.php";
          $destination=getDestinations();

          foreach($destination as $dest):
          include  "views/partials/destination.php";
           endforeach; ?>
        </div>
        <h3><a href="models/destinations/export_to_excel.php">Download Excel
file</a></h3>
      </div>


    </div>
```

one_destination.php

```
<?php

include "models/destinations/get_destinations.php";
$destination=get_one_dest($_GET['id']);

if($destination):

?>

<div class="site-blocks-cover inner-page-cover" style="background-image:
url(images/hero_bg_2.jpg);" data-aos="fade" data-stellar-background-ratio="0.5">
        <div class="container">
```

```
          <div class="row align-items-center justify-content-center text-center">

            <div class="col-md-8" data-aos="fade-up" data-aos-delay="400">
              <h1 class="text-white font-weight-light">About <?=$destination-
>name?></h1>
              <div><a href="index.php?page=destinations">All destinations</a>
<span class="mx-2 text-white">&bullet;</span> <span class="text-
white">About</span></div>

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



    <div class="site-section" data-aos="fade-up">
      <div class="container">
        <div class="row align-items-center">
          <div class="col-md-6 mb-5 mb-md-0">
            <img src="<?=$destination->picture?>" alt="Image" class="img-fluid
rounded">
          </div>
          <div class="col-md-6 pl-md-5">
            <h2 class="font-weight-light text-black mb-4"><?=$destination->name?>
(<?=$destination->cont_name?>)</h2>
            <p><?=$destination->description?></p>
            <h2 class="font-size-regular"> Price: $<?=$destination->price?></h2>
            <br/>
            <h2 class="font-size-regular"><a
href="index.php?page=booking&id=<?=$destination->dest_id?>">Book now</a></h2>

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

home.php

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

```
<div class="slide-one-item home-slider owl-carousel">

<?php

$slides=getSlider();

foreach($slides as $slide): ?>

      <div class="site-blocks-cover overlay" style="background-image:
url(<?=$slide->image?>);" data-aos="fade" data-stellar-background-ratio="0.5">
        <div class="container">
          <div class="row align-items-center justify-content-center text-center">

            <div class="col-md-8" data-aos="fade-up" data-aos-delay="400">


              <h1 class="text-white font-weight-light"><?=$slide->title?></h1>
              <p class="mb-5"><?=$slide->description?></p>


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

<?php endforeach; ?>

    </div>



    <div class="site-section">

      <div class="container overlap-section">
        <div class="row">

        <?php

        $blocks=getBlock();

        foreach($blocks as $block): ?>
          <div class="col-md-6 col-lg-6 mb-4 mb-lg-4">
            <a href="<?=$block->href?>" class="unit-1 text-center">
```

```
            <img src="<?=$block->image?>" alt="Image" class="img-fluid">
            <div class="unit-1-text">
              <h3 class="unit-1-heading"><?=$block->title?></h3>
            </div>
          </a>
        </div>

<?php endforeach; ?>


      </div>
    </div>

  </div>


  <div class="site-section">

    <div class="container">
      <div class="row justify-content-center mb-5">
        <div class="col-md-7 text-center">
          <h2 class="font-weight-light text-black">Our Destinations</h2>
          <p class="color-black-opacity-5">Choose Your Next Destination</p>
        </div>
      </div>
      <div class="row">
        <?php
        include "models/destinations/get_destinations.php";
        $destinations=getHomeDestinations();
        foreach($destinations as $dest):
        include "views/partials/destination.php";
        endforeach;
        ?>




      </div>
    </div>

  </div>



  <div class="site-section block-13 bg-light">
```

```
  <div class="container">
      <div class="row justify-content-center mb-5">
        <div class="col-md-7">
          <h2 class="font-weight-light text-black text-center">What they said
about us</h2>
        </div>
      </div>

      <div class="nonloop-block-13 owl-carousel">
<?php
include "models/experiences/get_exp.php";
$experiences=getExperiences();

foreach($experiences as $ex): ?>
        <div class="item">
          <div class="container">
            <div class="row">
              <div class="col-lg-6 mb-5">
                <img src="<?=$ex->photo?>" alt="Image" class="img-md-fluid">
              </div>
              <div class="overlap-left col-lg-6 bg-white p-md-5 align-self-
center">
                <p class="text-black lead">&ldquo;<?=$ex->impression?>&rdquo;</p>
                <p class="">&mdash; <em><?=$ex->first_name?> <?=$ex-
>last_name?></em></p>
              </div>
            </div>
          </div>
        </div>
        <?php endforeach; ?>


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

login.php

```
<?php
include "models/users/access_functions.php";
```

```php
listOfAccess();
if(isset($_POST['btnLogin'])){


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

  $errors = [];
  $reLozinka = "/^[\S]{5,}$/";

  if(!filter_var($email, FILTER_VALIDATE_EMAIL)){
    $errors[] = "Email not ok";
    echo ("Email is not correct.");

  }

  if(!preg_match($reLozinka, $pass)){
    $errors[] = "Password not ok.";
    echo ("Password is not correct");
  }

  if(count($errors) > 0){
          $_SESSION['errors'] = $errors;

    header("Location: index.php?page=login");
  }
  else {

    $pass = md5($pass);

    try{

     $upit = "SELECT *, u.id FROM user u INNER JOIN user_role r
            ON u.role_id = r.id WHERE email = ? AND pass = ?";

        $stmt = $conn->prepare($upit);
        $stmt->bindValue(1, $email);
        $stmt->bindValue(2, $pass);

        $stmt->execute();
        $user = $stmt->fetch();
        if($user) {
            $_SESSION['user'] = $user;
            getLogin($user->id);
```

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


        } else {
            $_SESSION['errors'] = "Wrong email or password.";
            echo ("Wrong email or password");
            header("Location: index.php?page=login");
        }
    }

    catch(PDOException $ex){
      echo json_encode(['message'=> 'Problem with database ' . $ex-
>getMessage()]);
      errorsList($ex->getMessage());
      http_response_code(500);
  }
  }
}
  ?>


<div class="site-section site-section-sm">
      <div class="container">
        <div class="row">

          <div class="col-md-12 col-lg-8 mb-5">




            <form action="" method="POST" class="p-5 bg-white">
            <div class="row form-group">
            <h2 class="font-size-regular">Login and access your account</h2>
          </div>

              <div class="row form-group">
                <div class="col-md-12 mb-3 mb-md-0">
                  <input type="text" id="tbEmail" name="tbEmail" class="form-
control" placeholder="Email">
                </div>
              </div>
              <div class="row form-group">
                <div class="col-md-12">
                  <input type="password" id="tbLozinka" name="tbLozinka"
class="form-control" placeholder="Password">
```

```
                </div>
              </div>

              <div class="row form-group">
                <div class="col-md-12">
                  <input type="submit" value="Login" id="btnLogin"
name="btnLogin" class="btn btn-primary pill text-white px-5 py-2">
                </div>
                <br/>
                <br/>
                <div class="col-md-12">
                <a class="btn btn-primary pill text-white px-5 py-2"
href="index.php?page=register" name="btnRegister">
                                    Register
                                </a>
              </div>

              </div>


            </form>


          </div>
          <?php
if (isset($_SESSION['errors'])):
echo "<div class='text-center'><br/>
<strong>Please enter valid email and password.</strong>
</div>";
unset($_SESSION['errors']);
?>
<?php endif;?>


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

register.php

```
<?php   listOfAccess(); ?>
<div class="site-section site-section-sm">
```

```
      <div class="container">
        <div class="row">

          <div class="col-md-12 col-lg-8 mb-5">


            <form action="models/users/register.php" method="POST" class="p-5 bg-
white" enctype="multipart/form-data">
            <div class="row form-group">
            <h2 class="font-size-regular">Register here</h2>
          </div>

            <div class="row form-group">
                <div class="col-md-12 mb-3 mb-md-0">
                  <input type="text" id="tbFirstName" name="tbFirstName"
class="form-control" placeholder="First Name">
                </div>
              </div>

              <div class="row form-group">
                <div class="col-md-12 mb-3 mb-md-0">
                  <input type="text" id="tbLastName" name="tbLastName"
class="form-control" placeholder="Last Name">
                </div>
              </div>

              <div class="row form-group">
                <div class="col-md-12 mb-3 mb-md-0">
                  <input type="text" id="tbEmail" name="tbEmail" class="form-
control" placeholder="Email">
                </div>
              </div>
              <div class="row form-group">
                <div class="col-md-12">
                  <input type="password" id="tbLozinka" name="tbLozinka"
class="form-control" placeholder="Password">
                </div>
              </div>


              <div class="row form-group">
                <div class="col-md-12">
                  <input type="submit" value="Register" id="btnRegister"
name="btnRegister" class="btn btn-primary pill text-white px-5 py-2">
```

```
                </div>
                <br/>
                <br/>

              </div>


            </form>


          </div>

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

user.php

```
<?php if(isset($_SESSION['user']) && $_SESSION['user']->role_id==="2"): ?>
<div class="site-section bg-light">
      <div class="container">
      <h3 class="h5 text-black mb-3">Your bookings</h3>

        <div class="row">

        <?php
        include "models/bookings/get_bookings.php";

        $bookings=getUsersBookings();

        foreach($bookings as $booking): ?>



<div class="col-md-4 p-4 mb-3 bg-white">

              <p>Destination: <h4><?=$booking->dest_name?></h4></p>
              <p>Traveler: <h4><?=$booking->fname?> <?=$booking->lname?></h4></p>
              <p> Date of trip:<h4> <?=$booking->date_of_travel?></h4></p>
              <p>Persons: <h4><?=$booking->persons?></h4></p>
```

```
            </div>


            <?php endforeach; ?>

</div>
<br/>
<h3 class="h5 text-black mb-3">Share your experience with us!</h3>
<form action="models/experiences/share.php" method="POST"
enctype="multipart/form-data" class="p-5 bg-white">

              <div class="row form-group">
                <div class="col-md-12">
                  <label class="text-black" for="note">Notes</label>
                  <textarea name="taExp" id="taExp" cols="30" rows="5"
class="form-control" placeholder="Write your experience here..."></textarea>
                </div>
              </div>
              <div class="row form-group">
                <div class="col-md-12">
                  <label class="text-black" for="note">Import photo</label>
                  <input type="file" name="photo" id="photo" cols="30" rows="5"
class="form-control" value="Choose file"/>
                </div>
              </div>

              <div class="row form-group">
                <div class="col-md-12">
                  <input type="submit" value="Share" name="btnShare"
id="btnShare" class="btn btn-primary py-2 px-4 text-white">
                </div>
              </div>


            </form>

</div>


</div>

<?php else: ?>
<?php header("Location: index.php?page=login"); ?>
<?php endif; ?>
```

404.php

```
<div class="content">
    <div class="container-fluid">
        <div class="row">
        <div class="col-sm-10 offset-sm-1">
            <div class="row">
                <br/>
            <h3>404 - Page Not Found</h3>
            <br/>
            </div>
        </div>
        </div>
    </div>
</div>
```

4.11 views/partials/destination.php

```
5    <div class="col-md-6 col-lg-4 mb-4 mb-lg-4">
6                <a href="index.php?page=destination&id=<?=$dest->dest_id?>"
     class="unit-1 text-center">
7                  <img src="<?=$dest->picture?>" alt="Image" class="img-fluid">
8                  <div class="unit-1-text">
9                    <strong class="text-primary mb-2 d-block">$<?=$dest-
     >price?></strong>
10                   <h3 class="unit-1-heading"><?=$dest->name?></h3>
11                 </div>
12               </a>
13             </div>
```

4.12 index.php

```php
<?php
  session_start();
  ob_start();

  require_once "config/connection.php";


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

  if(isset($_GET['page'])){
    switch($_GET['page'])
    {
      case 'home':
        include "views/pages/home.php";
        break;
        case 'destinations':
        include "views/pages/destinations.php";
        break;
        case 'author':
        include "views/pages/author.php";
        break;
        case 'blog':
        include "views/pages/blog.php";
        break;
        case 'booking':
        include "views/pages/booking.php";
        break;
        case "login":
      include "views/pages/login.php";
      break;
      case "register":
      include "views/pages/register.php";
      break;
      case "admin":
      include "views/pages/admin.php";
      break;
      case "user":
      include "views/pages/user.php";
      break;
      case 'destination':
        if(isset($_GET['id'])){
          include "views/pages/one_destination.php";
        } else {
```

```
          include "views/pages/404.php";
        }
        break;
      default:
        include "views/pages/404.php";
    }
  } else {
    include "views/pages/home.php";
  }
  include "views/fixed/footer.php";
?>
```